MULTI-MEDIA CATALOG OF THE INSTRUCTIONAL MATERIALS CENTER.
SAGINAW INTERMEDIATE SCHOOL DISTRICT, MICH.
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DESCRIPTORS: *CATALOGS, *AUDIOVISUAL AIDS, *INSTRUCTIONAL MEDIA, INSTRUCTIONAL TECHNOLOGY, FILMSTRIPS, TRANSPARENCIES, TAPE RECORDINGS, PHONOGRAPH RECORDS, ART MATERIALS, REALIA, SCULPTURE,

THIS IS A LISTING OF MATERIALS FOR K-12 AVAILABLE FOR TEACHERS AND PLANNERS, INCLUDING FILM LOOPS, TAPE RECORDINGS, FILMSTRIPS, SLIDES, TRANSPARENCIES, RECORDS, STUDY AND ART PRINTS, MODELS AND REALIA, SCULPTURE AND KITS. AN OVERALL SUBJECT INDEX IS FOLLOWED BY SEPARATE SUBJECT LISTS FOR EACH TYPE OF MATERIAL. A BRIEF DESCRIPTION OF EACH MATERIAL'S CONTENTS IS GIVEN, AND ORDERING INSTRUCTIONS ARE INCLUDED. (JM)
MULTI-MEDIA CATALOG
of the
INSTRUCTIONAL MATERIALS CENTER
420 South Warren Avenue
Saginaw, Michigan 48607
Phone: 753-6471

SAGINAW INTERMEDIATE SCHOOL DISTRICT
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Merrill

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St. Charles
Swan Valley

Index
ML-8mm Loops
F-Filmstrips
SF-Sound Filmstrips
SL-2 x 2 Slide Sets
TP-Transparencies
R-Recordings, Disc
T-Recordings, Tape
SP-Study Prints
AP-Art Prints
RM-Models-Realia
AS-Art Sculpture
K-Kits
HOW TO USE THIS CATALOG

This catalog lists all kinds of media except 16 mm films, which are found in a separate catalog. Annotations for each media are listed together in separate sections.

The "SUBJECT INDEX" at the front of this book lists the titles of all materials except tape recordings, in a composite, multi-media index. Look for titles under the curriculum subject of your choice. A code letter or letters after each title indicates the medium.

The title page of this catalog lists the sections with arrows along the margin. Fan the edge of the book to reveal the marker tab opposite the arrow indicating the first page of the selection. Turn to the annotations for content description and grade level recommendation.

THE MEDIA CODE IS AS FOLLOWS:

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CODE FOR GRADE LEVEL:

p - primary (K-3)
e - elementary (4-6)
j - junior high (7-9)
s - senior high

Where dates are given, they refer to release or copyright date for that production.

HOW TO ORDER

1. Use our printed forms or tab cards.
2. Write only one title on a line or card.
3. Write title as shown in CAPITAL LETTERS. Note instructions at the top of the first page of each selection.
4. Note special instructions on ordering tape recordings.
5. Note that some large models and realia require special handling.
6. Mark media code or check the medium on the form. Some items in a medium have the same title as another medium.
7. Give choice of dates.
8. Send by truck or mail to:

INSTRUCTIONAL MATERIALS CENTER
420 SOUTH WARREN AVENUE
SAGINAW, MICHIGAN 48607

Lloyd J. Cartwright, Director
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Louisiana Purchase R
Louisiana Purchase F
Lumbering Era in Michigan SP
Magna Carta R
Mary McLeod Bethune SF
Mayflower Compact R
Merchant Princes F
Middle Atlantic States - Their History F
Middle West - Its History F
Miles Standish F
Mike Fink F
Missouri Compromise R
Monitor and The Merrimac R
Monroe Doctrine R
Negro in Civil War and Reconstruction F
Negro Faces the 20th Century F
Negro Fights for The Four Freedoms F
Negro in The Gilded Age F
New England - It's History F
1920's and The Depression SF
Northwest Ordinance R
Northwest Territory F
Oregon Territory F
Organization of American States R
Our Independence and The Constitution R
Pacific States - Their History F
Paul Revere and The Minutemen R
Pioneer Life in Michigan SP
Pirate Lafitte and The Battle of New Orleans R
Plymouth, Mass. SL
Pocahontas and Captain John Smith R
Pony Express R
Post War SF
Presidential Administrations, to 1860 series TR
Presidential Administrations, 1860-1968 TR
Reconstruction and the West SF
Reconstruction Period F
Resolutions of the Stamp Act Congress R
Revolutionary War SF
Road to Appomattox F
Road West F
Sam Houston F
Sam Houston, Tallest Texan R
Santa Fe Trail R
Sherman Anti-Trust Act R
Sherman's March to The Sea F
Shots Heard 'Round The World F
Slavery in The Young American Republic F
Slavery in a House Divided F
Songs of The Civil War SF
Songs of the Cowboy SF
South SF
Southwest U. S. - Its History F
Southeast Frontier F
Southern Graciousness F
Southern U.S. - Its History F
Spanning The Mississippi F
Steel Crisis - The Stand R
Story of Abraham Lincoln F
Story of Christopher Columbus F
Story of Our National Anthem F
Taft-Hartley Act R
Teddy Roosevelt and The Rough Riders R
Texas Annexion F
Theodore Roosevelt's New Nationalism R
Threshold of Equality F
Tools and Handicrafts on the Colonial Frontier F
Trappers of The Far West R
Two Houses on The Potomac F
United States Flag SF
Valley Forge, Pa. SL
Voyages of Christopher Columbus R
Wealthy Hudson River Valley F
Western U.S. - Its History F
Wild Bill Hickok F
Winter at Valley Forge R
LITERATURE

AMERICAN

Buffalo Bill  F
Carl Sandburg  AS
Devy Crockett  F
Development of The American Short Story  SF
Edgar Allen Poe  F
Evangeline  F
Evangeline  R
Gold Bug  F
Hiawatha  F
Hiawatha  R
Johnny Appleseed  F
Mark Twain  AS
Mike Fink  F
Man Without A Country  F
Short Poems-Parts I and II  F
Steamboat Round The Bend  R
Stephen Crane  R
Tom Sawyer Whitewashes The Fence  F
What To Look For In Drama & Fiction  SF
William Shakespeare  AS
Words for The Wind  R

ANIMAL STORIES

Animal Babies  F
Animals and Their Young  F
Arizona Sheep Dog  F
Bear Country  F
Bears, Pandas and Raccoons  F
Betty Butterfly  F
Big Red To The Rescue  F
Blackie, My Dog  F
Cats and Dogs  F
Elsie, The Elephant  F
Family Visits The Zoo  F
Forest Babies  F
Greyfriars Bobby Finds A Home  F
Greyfriars Bobby Loses A Friend  F
How Animals Get To The Zoo  F
In Beaver Valley  F
Monkeys and Other Small Zoo Animals  F
Mr. and Mrs. Beaver and Their Family  F
Mr. and Mrs. Mallard and Their Family  F
Mr. and Mrs. Robin and Their Springtime Family  F
Mrs. Bear and Her Family  F
Mrs. Cottontail and Her Family  F
Mrs. Squirrel and Her Family  F
My Pet Canary, Dickie  F
Nature’s Disguises  F
New Trainer For Big Red  F
Nikki Faces The Wilderness  F
Nikki, Wild Dog of The North  F
One Hundred and One Dalmations  F
Pets  SF
Seal Island  F
Seventeen Dalmations  F

CHILDREN’S STORIES

Adventures of Pecos Bill  F
Bambi  F
Ben and Me  F
Bongo  F
Casey At The Bat  F
Copy-Kitten  F
Crybaby Calf  F
Dumbo  F
Frog Prince  F
Fussbunny  F
Golden Goose  F
Hans Goldhopper  F
Johnny Tremain, Minuteman  F
Laughing Place  F
Legend of Sleepy Hollow  F
Little Mermaid  F
Little Toot  F
Mary Had A Little Lamb  F
Mickey and The Beanstalk  F
Monomouse  F
Mother Goose Nursery Rhymes II  F
Old Yeller  F
Pedro, The Little Airplane  F
Peter Pan  F
Pinocchio  F
Pollyanna  F
Princess on The Pea  F
Rapunzel  F
Road To The Land of Oz  F
Rob Roy  F
Robin Hood  F
Shoemaker and The Elves  F
Snow White and The Seven Dwarfs  F
Spindle, Shuttle, and Needle  F
Swar Ox, The  F
Story of Johnny Appleseed  F
Sweet Porridge  F
Swineherd  F
Sword and The Rose  F
Tos Baby  F
Three Bears  F
Three Billy Goats Gruff  F
Three Little Pigs  F
Three Little Pigs  F
Three Spinners  F
Tinder Box  F
Toby Tyler With The Circus  F
Tonka: The Horse That Survived Custer’s Last Stand  F
True Son, American Frontier Boy  F
Ugly Duckling  F
Wolf and The Seven Kids  F
Wonderful World of the Brothers Grimm  F

So Long
Wetback Hound  F
Zoo Animals  SF
Zoo Snakes and Their Relatives  F
EUROPEAN

Kidnapped F
Music on The Bounty F
Treasure Island F

Twenty Thousand Leagues Under The Sea F
Winston Churchill R
Winston Churchill Speaks-Winston Churchill R

MYTHS AND LEGENDS

Daedalus and Icarus SF
Damon and Pythias SF
King Midas and The Golden Touch SF
Pegasus and Bellerophon SF
Theseus and The Minotaur: SF

MATHEMATICS

Abacus TR
Adding Fractions F
Addition and Subtraction of Decimals F
Advancing in Linear Measurement F
Basic Subsets and The Empty Set F
Cartesian Coordinates TR
Commission, Meaning and Applications F
Difference of Sets and Subtraction of Numbers F
Division of Decimals F
Experience With Fractions F
Experiences With Counting F
Experiences With Measurements F
Experiences With Numbers F
Extension of Set and Number Ideas F
Federal Taxes F
Formulas Work For You F
Fractions to Decimals, Decimals to Fractions F
Game of "How Many" F
Geometric Figures F
Geometry Board TR
Geometry Series - The Circle TR
Geometry: The Shapes Around Us F
Geometry: Shapes Inside and Out F
Geometry: Shapes, Parts of Shapes, Rays and Angles F
History of Linear Measure F
History of Our Number System F
History of Telling Time F
History of Weight-Volume Measure F
Indirect Measurement F
Insurance F
Interest Borrowing and Investing F
Introduction to Sets F
Mathematics in Aviation -The Compass F
Mathematics in Aviation - Wind Drift F
Meaning and Reading of Decimals F
Meaning, Understanding of Per Cent: Per Centsage F
Measurement F
Measurement: Developing Units for Measurement F
Measurement: How and Why F
Measurement: Introduction to Measurement F
Measuring For a Purpose SF
Modern Mathematics: Advancing in Geometry F
Modern Mathematics: Geometry F
Modern Mathematics: Geometry Perimeters F
Modern Mathematics: Areas, Formulas F
Modern Mathematics: Sets, Rays, Angles, Figures F
Modern Mathematics: Space Geometry F
Modern Mathematics: Sets 1-5 F
Modern Mathematics: Sets 5-9 F
Modern Mathematics: Sets 9-12 F
Modern Mathematics: Pennies, Nickels, Dimes, Quarters F
Modern Mathematics: Telling Time F
Modern Mathematics: Sets by 1's, 2's, 5's, and 10's F
Modern Mathematics: Sets 11-15 F
Modern Mathematics: Sets 16-20 F
Modern Mathematics: Addition, Objects & Symbols F
Modern Mathematics: Simple Measures F
Modern Mathematics: Subtraction-Objects & Symbols F
Modern Mathematics: Division Objects and Symbols F
Modern Mathematics: Multiplication Objects and Symbols F
Modern Mathematics: Simple Addition Advances F
Modern Mathematics: Simple Subtraction Advances F
Modern Mathematics: Time Measurement Calendar F
Modern Mathematics: Addition and Subtraction: 2 and 3 Place Numbers F
Modern Mathematics: Advancing with Addition, Subtraction, Multiplication F
Modern Mathematics: Calendar, Time and Temperature F
Modern Mathematics: Measures, Counting, Adding, Subtraction F
Modern Mathematics: Multiplying and Dividing F
Modern Mathematics: New Phases of Addition and Subtraction F
Modern Mathematics: Understanding the Structure of Numbers F
Modern Mathematics: Using and Understanding 2 and 3 Place Numbers F
Modern Mathematics: Division Facts-Set F
Modern Mathematics: Fractions F
Modern Mathematics: Multiplication Facts - Sets F
Modern Mathematics: Number Line-Fractions F
Modern Mathematics: Number Line-Whole Numbers F
Modern Mathematics: Numeration: Base 10 F
Modern Mathematics: Sets, Concepts, Symbols, Operations F
Modern Mathematics: Addition and Subtraction of Fractions F
Modern Mathematics: Fraction Numbers: Concepts F
Modern Mathematics: Graphs F
Modern Mathematics: Multiplication of Fractions F
Modern Mathematics: Numeration: Base 5 F
Modern Mathematics: Using Measures F
Modern Mathematics: Base Six-Addition, Subtraction, Multiplication, Division F
Modern Mathematics: Binary(Base Two) - Addition, Subtraction, Multiplication, Division F
Modern Mathematics: Division of Fractional Numbers F
Modern Mathematics: Numeration-Base Six F
Modern Mathematics: Numeration-Binary F
More Experiments With Measurements F
Multiplication of Decimals F
Multiplying Fractions by Fractions F
Names, Numbers and Colors Series F
One-to-One Correspondence Between Sets
Operations: Counting Sets in Many Ways
Operations: Putting Together and Taking Apart
Operations: Understanding Whole Numbers
Ordering Sets and Ordering Numbers
Problem Solving
Problem Solving: Meeting Problems
Problem Solving: Thinking About Problems
Qualities—Sets and Numbers
Set Description and The Use of Braces
Sets and Numbers in Mathematical Sentences
Sets: Doing More Work With Sets
Sets: Putting Sets To Work
Slide Rule: Part I
Slide Rule: Part II
Systems of Equations
Systems of Numeration: A Place for Hundreds
Systems of Numeration: Numbers and Numerals
Systems of Numeration: The Meaning of Numerals
Thinking in Symbols
Union of Sets and Subtraction of Numbers
Using Mixed Numbers
Variable and Coordinates
What Is A Fraction
Wing On a Flea

MUSIC

INSTRUMENTAL

Instruments of the Symphony Orchestra
Science of Music

SCIENCE - GENERAL

Finding Out About Things Around Us
More Nature Songs
More Science Experiments
Nature Songs
Science Experiments and Activity Songs
Science Experiments
Story of Coated Abrasives
World of Living Things

SCIENCE - NATURAL

ANIMALS

Age of Mammals
Amphibians and Reptiles
Animals Change
Animals Fit Themselves To Their Surroundings
Animals Get Ready For Winter
Animals Without Backbones
Ants—Tunnel Building
Ants At Work and At War
Beaks and Feet of Birds
Birds Get Ready For Winter
Birds of Our Community
Birds of Our Red and Marshes
Birds of the Forest and its Borders

Folk and Original Songs
Energy and Motion Songs
Hawaiian Chant, Hula and Music
Indian Music of the Canadian Plains
Nature Songs
New England Harmony
Science Experiment and Activity Songs
Sing'n Do - Down On The Farm
Sing'n Do - Early Primary Album
Sing'n Do - Holiday Album
Sing'n Do - Favorite Album
Sing'n Do - Later Primary Album
Sing'n Do - Toy Shop Album
Songs and Dances of Great Lakes Indians
Songs and Dances of Quebec
Songs of the Sea
Steamboat Round The Bend
Weather Songs
Revolutionary War
Songs of the Civil War
Songs of The Cowboy
Songs of The Mountains
South
Workers In America
World War I
World War II

PHYSICAL EDUCATION

Fifteen For Fitness
Skip Rope
Volleyball
### Birds of The Ocean, Its Beaches, Salt Marshes
- F

### Birds That Live Near People
- F

### Collecting Insects: Butterfly Net
- ML

### Collecting Insects: By Hand
- ML

### Common Birds
- SP

### Common Insects
- SP

### Crocodilians and Turtles
- F

### Engineer In a Fur Coat
- F

### Estrous Cycle of The Rat
- ML

### Familiar Bird Series
- TR

### Familiar Birds - Their Young and Nests
- SP

### Familiar Fresh Water Fish
- SP

### Farm and Ranch Animals
- SP

### Feathers and Flight of Birds
- F

### Finding Out How Animal Babies Grow
- F

### Fresh Water Turtles and Fish
- F

### How Water Animals Move
- ML

### Lemming Migration
- ML

### Large Hoofed Mammals
- F

### Lobster Trap
- RM

### Looking At Birds
- F

### Lizards of The World
- F

### Migrations of Birds
- F

### Migration of Birds, The
- F

### Moths and Butterflies
- SP

### Nests and Eggs of Birds
- F

### Non-Poisonous Snakes of The U. S.
- F

### Queenbee Duel
- ML

### Rabbits That Runs on Snowshoes
- F

### Reptiles
- SP

### Reptiles
- F

### Rodents
- F

### Snakes Outside The U. S.
- F

### Sounds of Animals
- R

### Sounds of The American Northwest
- R

### Sounds of The American Southwest
- R

### Water Birds
- F

### Waterfowl and Game Birds
- SL

### Wild Animals
- SP

### BIOLOGY - CELLULAR

#### Cells: Building Blocks of Life
- F

#### Cell Nuclei Discoveries
- F

### BACTERIOLOGY

#### Louis Pasteur
- F

### ECOLOGY

#### At The Seashore
- F

#### Ecology Series
- TR

#### Bringing Back The Buffalo, Part I
- F

#### Bringing Back The Buffalo, Part II
- F

#### Polar Regions: Arctic and Antarctic
- SP

### EVOLUTION

#### Coming of The Reptiles
- F

#### Dinosaurs
- F

#### Discovering Fossils
- F

#### Everything Changes
- F

#### Learning About Dinosaurs
- SP

#### Rise of The Dinosaurs
- F

#### Story Fossils Tell
- F

#### Triumph of The Dinosaurs
- F

### INSECTS

#### Ants At Work and At War
- F

#### Bee Business
- SF

#### Honeybee
- F

#### Insects Harmful To Man
- SP

#### Life Cycle of The Silkworm
- F

#### Metamorphosis of Moths and Butterflies
- F

#### Nature's Disguise
- F

#### Nature's Half-acre
- F

#### Praying Mantis
- F

#### Studying Monarch Butterflies
- F

### PHYSIOLOGY AND ANATOMY

#### Blood Smear Preparation
- ML

#### Breathing Movements
- ML

#### Circulation - The Flow of Blood
- ML

#### Do You Know How You Grow Inside
- R

#### Ear - It's Structure and Function
- ML

#### Ear - Perception of Sound
- ML

#### Eye - Far Sightedness
- ML

#### Eye - Near Sightedness
- ML

#### Finding Out About Our Body
- F

#### Finding Out How You Grow
- F

#### Heart In Action
- ML

#### Human Torso and Head
- RM

#### Measuring Oxygen Consumption
- ML

#### Nerve Action - The Reflex Arc
- ML

#### Parts of The Body
- SP

#### Skeleton, Human
- RM

### PLANTS

#### Bean Sprouts
- ML

#### Botany Series
- TR

#### Broadleaf Plants
- SP

#### Dependent Plants
- F

#### Finding Out How Plants Grow
- F

#### How Does The Garden Grow
- F

#### How To Know The Conifers
- SL

#### Let's Explore A Field
- F

#### Let's Explore A Garden
- F

#### Let's Explore a Pond
- F

#### Let's Explore a Stream
- F

#### Let's Explore a Woodland
- F
Life in a Terrarium  F
Life of the Open Sea  SF
Miniature Plants of The Desert  F
Mushrooms  F
Plants  F
Plants and How They Grow  SF
Plants and Strange Animals of The Sea  F
Plants and Their Seeds  F
Plant Experiments  F
Plant Growth-Graphing  ML
Plants: Orchids and Lilies  SL
Pocket Garden for Germination Studios  ML
Pollen Tube Growth  ML
Seed Plants: Green Plants  F
Seed Plants: Leaves  F
Seed Plants: Seeds  F
Seed Plants: Stems  F
Walk In The Woods  F
Wildflowers (A-G)  SL
Wildflowers (H-R)  SL
Wildflowers (S-W)  SL
Wonder World of Plants  SF

Nature Songs  R
More Nature Songs  R

SEASONS
At The Seashore  F
Earth Science Series  TR
Summer Comes To The Country  F
Winter Comes To The Country  F

ZOOLOGY
(See Also "Basic Life Science-Animals")
Age of Mammals  F
Amphibians and Reptiles  SL
Animals Without Backbones  SP
At The Seashore  F
Bacterial Sensitivity To Radiation  ML
Crossing Drosophila  ML
Drosophila Culture Medium Preparation  ML
Eggs That Produce Chicks  F
From Egg To Chick  F
Handling Drosophila  ML
How Water Animals Move  ML
Lemming Migration  ML
Life Cycle of The Silkworm  F
Life in An Aquarium  F
Primates-Monkeys and Their Relatives  F
Regeneration In Flatworms  ML
Removing Chick Embryo With Hot Wire  ML
Shellfish Of The Seashore  F
Walk In The Woods  F
Zoology, Invertebrates Series  TR
Zoology, Vertebrates Series  TR

SCIENCE - PHYSICAL

AIR
Find Out About Land, Air, and Water  F
Ocean of Air We Live In  F
Talking Through Air  F

BASIC PHYSICAL CONCEPTS
Absorption Spectra  ML
Beach Formation  ML
Bunsen Burner  ML
Buoyancy in a Gas  ML
Buoyancy in Liquids  ML
Coupled Oscillators-Equal Masses  ML
Coupled Oscillators-Unequal Masses  ML
Critical Temperature  ML
Density  ML
Diffraction-Double Slit  ML
Diffraction-Single Slit  ML
Doppler Effect  ML
Ferromagnetic Domain Wall Motion  ML
Filtration  ML
Handling Solids and Liquids  ML
Heating Liquids  ML
Heating Solids  ML
Inertial Forces - Centripetal Acceleration  ML
Inertial Forces - Transitional Acceleration  ML
Measurement of "G" Cavendish Experiment  ML
Michelson Interferometer  ML
Non Interferometer  ML
Ocean Density Currents  ML
Paramagnetism of Liquid Oxygen  ML
Phase Change  ML
Radio Active Decay  ML
Reflection of Circular Waves From Various Barriers  ML
Reflection of Straight Waves From Straight Barriers  ML
Resolving Power  ML
Scintillation Spectrometry  ML
Shore Drift  ML
Shore Lines  ML
Stream Erosion Cycle  ML
Tacoma Narrows-Bridge Collapse  ML
Temperature Waves  ML
Use of Burette-Titration  ML
Use of Pipette  ML
Velocity and Acceleration in Free Ball  ML
Velocity Vector  ML
Volume  ML
Weighing With Triple Beam Balance  ML
Wilber Force Pendulum  ML
Working Glass  ML

EARTH
Beach Formation  ML
Characteristics of Seawater  SF
Coal - A Fossil Fuel  F
Common Rocks and Rock Forming Minerals  SP
Deserts  F
Earth  F
Earth Science Series  TR
Geology Series  TR
Geology and Earth Structure Series  TR
How Crystals Are Formed F
Igneous and Metamorphic Rocks SP
Important Minerals SP
Land Forms of Running Water SP
Life on the Open Seas SF
Miniature Plants of The Desert F
Mysteries of Science I SF
Mysteries of Science II SF
Oceans F
Ocean Basins SF
Ocean Density Currents ML
Ocean of Air We Live In F
Oceanography Series TR
Our Desert Treasure F
Our Home, The Earth F
Places To Go SF
Rock Display Kit
Shore Drift ML
Shore Lines ML
Story of Our Earth: Rocks and Soil F
Story of The Mountains F
Stream Erosion Cycle ML
Study of Oceans SF
Talking Through Air
Wonder of Crystals F

HEAT AND LIGHT
Absorption Spectra ML
Basic Theory of Heat SF
Burner ML
Camera - A Magic Eye F
Causes and Nature of Heat
Critical Temperature ML
Diffraction - Double Slit ML
Diffraction - Single Slit ML
Effects of Heat SF
Eye At Work F
Heating Liquids ML
Heating Solids ML
Helping People To See F
How Heat Causes Expansion F
How Heat Travels F
How Light Travels F
Light Series TR
Light and Color F
Light and How It Travels F
Light, Heat and Sound F
Michelson Interferometer ML
Non-Interferometer ML
Resolving Power ML
Scintillation Spectrometry ML
Temperature Waves ML
Through The Microscope F

MACHINES
Gear Wheels TR
Inclined Planes F
Levers At Work F
Machines and Tools To Help Us F
Pulleys TR
Pulleys F
Pulleys At Work F
Pulleys Make Work Faster F
Ramps F
Screws F
Screws and Wedges At Work F
Second and T-third Class Levers TR
Simple Machines Series TR
Simple Machines SP
Toys At Work F
Wedges F
Wheels and Axles At Work F
Work, Friction and Machines F

ENERGY
Aton, The F
Eight Ball Demonstrator (Inertia) TR
Energy and Motion Songs R
Inertial Forces - Centripetal Acceleration ML
Inertial Forces - Transitional Acceleration ML
Measurement of "G" in Michelson Experiment ML
Nuclear Phenomena and Motion Series TR
Nuclear Radiation and Detectors SF
Nuclear Radiation Fall Out SF
Nuclear Radiation in Outer Space SF
Nuclear Radiation in Earth Studies SF
Peaceful Uses of Atomic Energy K
Radioactive Decay ML
Tacoma Narrows Bridge Collapse ML
Three Ball Demonstrator (Inertia) TR
Uses of Nuclear Radiation in Medicine SF
Uses of Nuclear Radiation in Industry SF
Very Low Temperatures SF
Wilber Force Pendulum ML

MEASUREMENT
Density ML
Measurement of "G" in Michelson Experiment ML
Measuring Distance F
Measuring Temperature F
Measuring Time by Sun and Stars F
Measuring Volume and Density F
Measuring Weight F
Metric System of Measuring F
Uses of Pipette ML
Velocity and Acceleration in Free Fall ML
Velocity Vector ML
Very High Temperatures SF
Volume ML
Weighing With Triple Beam Balance ML
Weighing With Two Pan Balance ML

SOUND
Causes and Nature of Sound F
Doppler Effect ML
Ears Are For Hearing F
Ear-Perception of Sound ML
How Sound Travels F
Mr. Bell Invents The Telephone R
Science of Music F
Sound Series TR
Talking Through Air F

SPACE SCIENCE
Comet Orbits ML
Earth and Universe Series TR
Eclipse of The Moon ML
Eclipse of The Sun ML
Equal Opportunities In Space Science SF
Experimental Weightlessness ML
Finding Out About The Sky F
Free Fall In Space ML
Introduction To Our Earth and Sun SF
Leaving The World FS
Learning About The Seasons SF
Man In Space FS
Man In Space FS
Mars and Jupiter ML
Meteors, Comets, Distance Series TR
Missiles At Cape Kennedy SL
Orbits Series TR
Related Space Science Series TR
Rockets, Missiles, and Satellites TR
Seasons F
Sky Above The Earth F
Solar Flares ML
Solar Prominences ML
Solar System SF
Solar System Series TR
Space Age R
Space Travel AD 2000 FS
Stars and Galaxies Series TR
Sun Series TR
Sun’s Family FS
U.S. Space Project Series TR
What Is In The Sky FS
Why Do We Have Day and Night F

WEATHER AND SEASONS
Building A Classroom Weather Station F
Day and Night and The Seasons SF
Familiar Cloud Forms SP
Finding Out About Land, Air, Water F
How Crystals Are Formed F
Indoor Weather F
Learning About The Seasons SF
Measuring Temperature F
Meteorology Series TR
Night and Day F
Seasons F
Sky Above Our Earth F
Spring Is Here F
Storms, Hurricanes, and Tornadoes F
Weather Experiments F
Weather Series TR
Weather Songs R
What Is Wind F
Why Does It Rain F
Winter Is Here F
Wonders of Snow F

SOCIAL STUDIES
BASIC NEEDS
All Kinds of Houses F
Common Fruits SF
Dairy Farm RM
Eggs For You To Eat F
Food Makes The Difference F
Food and Nutrition F
House F
How Food Becomes You F
Loaf of Bread F
Milk From The Cow to You F
Milk We Drink F
Story of Bread F
Story of Cotton F
Story of Fruit and Vegetables F
Story of Leather F
Story of Meat F
Story of Milk F
Story of Rubber F
Story of Wool F
Why and How the Cow Makes Milk F
You and Your Food F
Your Daily Bread F

FAMILY LIVING
And They Lived Happily Ever After SF
Animal Babies F
Eggs That Produce Chicks F
Estrous Cycle of The Rat ML
Finding Out How Animal Babies Grow F
Friendship and Love F
From Egg to Chick F
Life Begins Series - Elementary SF
Life Begins Series - Secondary SF
Mr. and Mrs. Beaver and Their Family F
Mr. And Mrs. Mallard and Their Family F
Mr. and Mrs. Robin and Their Springtime Family F
Mrs. Bear and Her Family F
Mrs. Cottonall and Her Spring Family F
Mrs. Squirrel and Her Family F
Responsible Sexual Attitudes SF
Sex: A Moral Dilemma For Teenagers SF
INDIANS - AMERICAN

Enchanted Spring R
Hiawatha R
Incas, The Mayas & The Aztecs F
Indian Ceremonies F
Indian Clothing F
Indian Food F
Indian Games F
Indian Houses F
Indian Music of The Canadian Plains R
Indians F
Indian and Eskimos of The Northwest F
Indians of the Northeast F
Indians of The Plains F
Indians of the Southeast F
Indians of The Southwest F
Life of The Plains Indians F
Music of American Indians of The Southwest R
Northwest Indians (Salish) F
Plains Indians (Dakotas) F
Pocahantas F
Pocahontas & Capt. John Smith R
Songs and Dances of Great Lakes Indians R
Southwest Indians (Hopi) F
Southwest Indians (Navajo) F
Tools and Handicrafts of The Plains Indians F
Totem Pole AS
Woodland Indians (Iroquois) F

SOCIOLOGY

Exploring The Myths of Prejudice SF
From Africa to America F
Jane Addams F
Slavery in A House Divided F
Slavery in The Young American Republic F
Martin Luther King F
Minorities Have Made America Great SF
Negro In Civil War and Reconstruction F
Negro Faces The 20th Century F
Negro Fights For the Four Freedoms F
Negro in The Gilded Age F
Story of Spanish Speaking Americans SF
Threshold of Equality F

TRANSPORTATION

Airports and Airplanes F
American Transportation: Horseback to Jet F
Building of the First Transcontinental Railroad R
Highway Transportation F
How People Travel in The City SR
Moving Goods For People in The City SP
Our Transportation Problem F
Transportation F
Transportation In The Past F
Trip by Ship F
Water Transportation F
Wright Brothers F
Wright Brothers R
8 mm film loops are one-half the width of regular 16 mm film and the loops are placed in cartridges in such a way that threading in the projector is not necessary. The cartridge is simply inserted in the special 8mm projector and it is ready to run. If your school does not have a projector, you may borrow one from the IMC.

Loops are silent and have a short running time, usually 2 to 4 minutes. They do not substitute for 16 mm films. Loops are for individual drill or investigation. Sometimes a small group may study the action - NEVER the whole class. Use a small screen of 12 to 24 inches in width. A piece of white paper or bristol board will do.

Order a few loops at a time to correlate with other media. Try some new situations. We would like to have reports from teachers about successful techniques developed for teaching with film loops.

If a loop jams or fails to project, do not try to repair it. Send it back to us. Special techniques are employed to put loop cartridges in good running order.

Order by individual title.

**ANIMALS**

**Disney Series**
4 Film Loops ejs

ANTS - TUNNEL BUILDING
HOW WATER ANIMALS MOVE
LEMMING MIGRATION
QUEEN BEE DUEL

**BIOLOGY**

**Thorne Demonstration Series**
9 Film Loops s

BACTERIAL SENSITIVITY TO RADIATION
ESTROUS CYCLE OF THE RAT
INDUCING OVULATION IN MICE
MEASURING OXYGEN CONSUMPTION
POCKET GARDEN FOR GERMINATION STUDIES
POLLEN TUBE GROWTH
REGENERATION IN FLATWORMS
REMOVING CHICK EMBRYO WITH HOT WIRE
SIMPLE OCULAR MICROMETER

**Human Life Series**
EBE 10 Film Loops ejs

BLOOD SMEAR PREPARATION
BREATHING MOVEMENTS
CIRCULATION - THE FLOW OF BLOOD
EAR - ITS STRUCTURE AND FUNCTION
EAR - PERCEPTION OF SOUND
EYE - FAR SIGHTEDNESS
EYE - NEAR SIGHTEDNESS
EYE - VISUAL ACCOMMODATION
HEART IN ACTION
NERVE ACTION - THE REFLEX ARC

**BOTANY**

**Growing Seeds Series**
Ealing 2 Film Loops pej

BEAN SPROUTS
PLANT GROWTH - GRAPHING

**CHEMISTRY**

**Concepts In Chemistry Series**
EBE 5 Film Loops js

BOUYANCY IN A GAS
BOUYANCY IN LIQUIDS
DENSITY
PHASE CHANGE (CHANGE OF STATE)
VOLUME

**Chemistry Laboratory Techniques Series**
Ealing 10 Film Loops s

BUNSEN BURNER
FILTRATION
HANDLING SOLIDS AND LIQUIDS
HEATING LIQUIDS
HEATING SOLIDS
USE OF BURETTE - TITRATION
USE OF PIPETTE
WEIGHING WITH TRIPLE BEAM BALANCE
WEIGHING WITH TWO PAN BALANCE
WORKING GLASS
EARTH SCIENCE

Water Cycle Series
- Ealing 6 Film Loops  ejs
  - BEACH FORMATION
  - OCEAN DENSITY CURRENTS
  - SEDIMENTATION
  - SHORE DRIFT
  - SHORE LINES
  - STREAM EROSION CYCLE

INSECTS

Invertebrates Series
- EBE 5 Film Loops  ejs
  - COLLECTING INSECTS: BUTTERFLY NET
  - COLLECTING INSECTS: BY HAND
  - CROSSING DROSOPHILIA - FRUIT FLY
  - DROSOPHILIA CULTURE MEDIUM PREPARATION - FRUIT FLY
  - HANDLING DROSOPHILIA - FRUIT FLY

PHYSICS

Demonstrations in Physics
- Ealing 19 Film Loops  s
  - ABSORPTION SPECTRA
  - COUPLED OSCILLATORS - EQUAL MASSES
  - COUPLED OSCILLATORS - UNEQUAL MASSES
  - CRITICAL TEMPERATURE
  - DIFFRACTION - DOUBLE SLIT
  - DIFFRACTION - SINGLE SLIT
  - FERROMAGNETIC DOMAIN WALL MOTION
  - INERTIAL FORCES - CENTRIFugal ACCELERATION
  - INERTIAL FORCES - Transitional ACCELERATION
  - MEASUREMENT OF "G" CAVENdISH EXPERIMENT
  - MICHELSON INTERFEROMETER
  - NON RECURRENT WAVE FRONTS
  - PARAMAGNETISM OF LIQUID OXYGEN
  - RADIO ACTIVE DECAY
  - RESOLVING POWER
  - SCINTILLATION SPECTROMETRY
  - TACOMA NARROWS-BRIDGE COLLAPSE
  - TEMPERATURE WAVES
  - WILBER FORCE PENDULUM

SPACE SCIENCE

Space Science Series
- FA 8 Film Loops  ejs
  - COMET ORBITS
  - ECLIPSE OF THE MOON
  - ECLIPSE OF THE SUN
  - EXPERIMENTAL WEIGHTLESSNESS
  - FREE FALL IN SPACE
  - MARS AND JUPITER
  - SOLAR FLARES
  - SOLAR PROMINENCES

Ripple Tank Wave Series
- MLA (PSSC) 3 Film Loops  s
  - DOPPLER EFFECT
  - REFLECTION OF CIRCULAR WAVES FROM VARIOUS BARRIERS
  - REFLECTION OF STRAIGHT WAVES FROM STRAIGHT BARRIERS
Most filmstrips are ordered by individual title for a conventional booking period of either three days or one week. Some filmstrips are sent out in sets only. Please order by set title as found in the annotated list. Additional booking time may be requested at time of ordering. Please indicate filmstrip designation on your order blank and restrict each order form to one calendar month.

Grade Levels:  p-Primary (Gr K-3)  e-Elementary (Gr 4-6)  j-Junior High (Gr 7-9)  h-High School (Gr 10-12)

ACHIEVEMENT AND PROBLEMS OF THE UNITED NATIONS
MGHT  js
How the U.S. has succeeded in meeting world problems. Through presentation of critical international situations, the filmstrip evokes thoughtful debate on major issues, past and present.

ADDITION AND SUBTRACTION OF DECIMALS
SVE  ej

ADDING FRACTIONS
Curr.  e
Establishes the concept that objects can be added only if they are the same.

ADVANCING IN LINEAR MEASUREMENT
SVE  ej

ADVANCING IN QUANTITY MEASUREMENT
SVE  ej

ADVENTURE OF PECOS BILL
EBF  pe
Disney filmstrip of a story designed to acquaint children with a well known character. Captions are structured to increase child's comprehension and vocabulary and add to his total learning experience.

AGE OF MAMMALS
EBF  ej
A Visit to a museum and a laboratory illustrates evolutionary development. Complex terms and time cycles are carefully spelled out and charted with diagrams and text.

AGRICULTURAL REVOLUTION IN MEXICO
EBF  ej
Carefully phrased questions inserted throughout this strip help students discover for themselves the problems and progress of the Mexican people.

AGRICULTURE IN THE SOUTH
SVE  ej
New crops, mechanization and scientific farming evolve drastic changes. Level land, ample rainfall and a long growing season bring bountiful harvests.

AGRICULTURE IN INDIA
Eyegate  js
India's leading industry, agriculture is the source of livelihood for 3/4th of its people. Five year plans are increasing productivity but still cannot feed India's huge population.

AGRICULTURE IN THE SOVIET UNION
SVE  ej
Collective and state farms in Russia.

AIRPORTS AND AIRPLANES
SVE  p
Kinds of airports, types of planes, baggage handling, role of the pilot.

ALASKA, OUR NORTHERN MOST STATE
SVE  ej
Topographical variations and how settlers adapt to it, from farmlands in the south to survival conditions in tundra.

ALASKA-THE LAND AND ITS PEOPLE
SVE  ej
Our largest state was admitted to the Union in 1959. Actual photographs present peoples, climate, and industry.

ALBRECHT DURER
Eyegate  js
Durer was born in Nuremberg, Germany. Known for paintings and engraving processes and wood cuts. Realism emphasized.

ALEXANDER GRAHAM BELL
JH  ej
Following in his father's footsteps, Bell became an expert in teaching the deaf to talk. He later became interested in developing a device to send the human voice across a wire and finally developed the telephone.

ALL KINDS OF HOUSES
MGHT  p
Different kinds of homes used by people and animals. Homes of Eskimos and Indians, modern homes and apartment buildings.

ALPHABET
Eyegate  p
The pictorial alphabet - A for Apple, B for Ball, C for Cow, etc.

AMERICA THE BEAUTIFUL
SVE  ej
America's natural beauty, landmarks, monuments, statues and architecture pictured as each verse is sung in caption.
AMERICAN INDUSTRY—FROM ARTISAN TO AUTOMATION
MGHT js
From tinkering skills of colonial Yankees to scientific research of today's labs. American inventors, development of industry.

AMERICAN REVOLUTION, THE
Life js
The causes of conflict between England and her colonies and the ensuing battles take us to the inauguration of George Washington.

AMERICAN TRANSPORTATION: HORSEBACK TO JET
Life js
Only 150 years ago, American citizens traveled by foot, horseback, wagon and water. Our transport progress is clearly illustrated by means of animation and photos.

ANCIENT GREECE
ICF js
Authentic photos explore architecture and clothing of this era.

ANDY LENDS MONEY TO THE BANK
Wasp ej
Details the steps of opening of savings account and explains a bank pass book.

ANIMAL BABIES
SVE pe
Basic explanation of where babies come from—some are hatched, some born live. Stimulating topics for children's discussions.

ANIMAL LIFE IN SOUTH AMERICA
EyeGate ejs
Domestic and wild life of all types are found in South America, sometimes nowhere else in the world.

ANIMALS AND THEIR YOUNG
FSP pe
On the farm with Tom and Susan—kittens, sheep, etc.

ANIMALS CHANGE
FSP ej
Life span of various fish, animals.

ANIMALS FIT THEMSELVES TO THEIR SURROUNDINGS
EyeGate ejs
Color protects many animals. Many can change color quickly becoming white during winter.

ANIMALS GET READY FOR WINTER
JH p
Illustrates animal preparations for winter and encourages direct observation.

ANTS AT WORK AND AT WAR
EBF ej
Motivational material organized for classroom in the Disney approach to the beauty and wonder of nature.

APOSTROPHE, THE COLON AND ITALICS
JH js
Develops understanding of correct usage of the apostrophe, colon, and italics.

ARE YOU READY FOR HIGH SCHOOL
ESE js
Differences between grade and high school are presented with an overview of high school subject areas.

ARGENTINA
MGHT ej

ARIZONA SHEEP DOG
EBF pej
Adapted from Disney's motion picture, this filmstrip offers educationally sound basic language arts materials.

ARRANGEMENTS THAT PLEASE
PS
Introduction to the fascinating study of design and composition. Simple rules of design. Arrangement and order to suit individual taste.

ART ACTIVITIES FOR AUTUMN AND THANKSGIVING
SVE pe
Pipe cleaners, clay and paper form seasonal figures; seeds, cereals and cloth for mosaics; monoprints, mural.

ART ACTIVITIES FOR CHRISTMAS
SVE pe
Gift-worthy pieces from yarn, paper, paste. Bowls made by "pinch" method and "finger patterns." Colorful bookmarks, paper sculptures.

ART ACTIVITIES FOR EASTER
SVE pe
Wetpaper watercolor for Easter eggs, glue printing for cards, clay mold decorations for an Easter tree. Paper sculptured rabbits, baskets.

ART ACTIVITIES FOR HALLOWEEN
SVE pe
Three-dimensional masks of construction paper trimmed with cloth, tubes, curls and fringes; hand puppets, crayon-resist technique.

ART ACTIVITIES FOR MOTHER'S DAY
SVE pe
Paper "clips," glitters, and cake sprinkles create sparkling mosaics and cards. "Salt and flour" and pipe cleaner pins are unique gifts.

ART ACTIVITIES FOR VALENTINE'S DAY
SVE pe
Heart-strewn cards, mobiles, and placemats; sculptures with movable parts. Stencil and spray technique.

ARTISTIC REVOLUTION IN MEXICO
EBF ej
Carefully phrased questions inserted throughout this strip help students discover for themselves the problems and progress of the Mexican people.

ARTS & CRAFTS IN MEXICO
EBF ej
Carefully phrased questions inserted throughout this strip help students discover for themselves the problems and progress of the Mexican people.
AT SCHOOL IN A MEXICAN TOWN
Wasp ej
Concita and Juan attend a typical village school. Some of their varied activities are described.

AT THE SEASHORE
LFSS pe
The DuPonts find all kinds of interesting activities and sea life.

ATLANTIC REGION, THE
MGHT ej
Maritime area of Canada, fishing industry, iron deposits, lead-copper-zinc holdings, farming and large commercial centers.

ATOM, THE
Life js
The concept of the atom originated 2500 years ago with the Greeks. Its history, research, and development are presented in vivid color.

AUDITORY DISCRIMINATION
EyeGate e
Numerous color sketches to stimulate discrimination in young learner.

AUSTERE NEW ENGLAND
IMPRlj ej

AUSTRALIA - CITY LIFE
JH ej
Explains important concepts of city life including transportation, occupations, industry and recreation.

AUSTRALIA - FARMING AND MINING
JH ej
Shows how geological conditions affect the farming limiting it to certain types of crops. Types of mining are also shown.

AUSTRALIA - RANCHING
JH ej
Show different kinds of equipment used and types of livestock raised and their importance to the economy of Australia.

AUSTRIA
JH ej
Manufacturing, agriculture, history, and the charms of old Vienna.

AUSTRIAN ALPS
EBF ej
Striking photos describe the beauty contained in this region. Shows growth of modern European economic culture.

BAMBI
EBF pe
A reading experience to help children toward more effective communication and imaginative use of language. Disney's filmstrip also adds to the children's cultural development by bringing out the importance of truth, honesty and kindness.

BASIC READING SERIES - GRADE ONE
SVE p Pre-Primer, Primer Reader 1-1, 1-2
(Order By Set - 8 F.S.)

BASIC READING SERIES - GRADE TWO
SVE p Reader 2-1
(Order By Set - 7 F.S.)
Refer to "Basic Reading Series-Grade One" for annotated material.

BASIC READING SERIES - GRADE TWO
SVE p Reader 2-2
(Order By Set - 6 F.S.)
Refer to "Basic Reading Series-Grade One" for annotated material.

BASIC READING SERIES - GRADE THREE
SVE p Reader 3-1
(Order By Set - 6 F.S.)
Refer to "Basic Reading Series-Grade One" for annotated material.

BASIC READING SERIES - GRADE THREE
SVE p Reader 3-2
(Order By Set - 6 F.S.)
Refer to "Basic Reading Series-Grade One" for annotated material.

BASIC SUBSET AND THE EMPTY SET
JH pe
Concepts include: the empty set, basic subsets, regrouping the meaning of numbers.

BEAKS AND FEET OF BIRDS
SVE pe
Shows how each bird has right "equipment" for its particular way of living.

BEAR COUNTRY
EBF ej
Motivational material organized for classroom in the Disney approach to the beauty and wonder of nature.

BEARS, PANDAS AND RACCOONS
SVE ej
Members of the Carnivores, or flesh eating animals.

BELGIUM
EBF ej
General discussion of the country and its people.

BELGIUM
JH ej
Manufacturing, trade and commerce, and agriculture are shown together with the background of medieval splendor.

BELGIUM
BEN AND ME
EBF  pe
Disney plays with the children’s imagination in this famous story. A valuable tool to further creative development and to stimulate oral expression. Discussion questions and student activity are included at the end of the filmstrip.

BETSY ROSS
Curr. e
Story of her life and the flag she originated.

BETTY BUTTERFLY
LFSS p
Betty was able to find a freer life of a butterfly because she patiently endured the hardships of her caterpillar stage. Immortality discussed as a difficult abstract term.

BIG RED TO THE RESCUE
EBF pej
Adapted from Disney’s motion picture, this filmstrip offers educationally sound basic language art materials.

BILL OF RIGHTS
EBF js
Authentic watercolors show events and struggles of the episodes in British history.

BIRDS GET READY FOR WINTER
JH p
Illustrates animal preparations for winter and encourages direct observation.

BIRDS OF OUR COMMUNITY
SVE p
Real-life photos simplify recognition of common birds. Good introduction to science.

BIRDS OF OUR PONDS AND MARSHES
SVE pe
From huge swans to tiny wrens.

BIRDS OF THE FOREST AND ITS BORDERS
SVE pe
Nesting, food habits, characteristics and contributions of birds of the woods.

BIRDS OF THE OCEAN, ITS BEACHES, SALT MARSHES
SVE pe
Master fliers able to survive savage oceanic storms. Many nest in the Arctic and are fish-eaters.

BIRDS OF THE ZOO
EBF pe
Exotic birds are pictured in brilliant color in surroundings which approximate their natural habitats.

BIRDS THAT LIVE NEAR PEOPLE
SVE pe
How landscape changes encourage them.

BIRTHPLACE OF CIVILIZATION
EBF js
Authentically detailed drawings relate the intriguing story of how man started living and working together in organized communities which grew into the world’s major civilizations.

BLACKIE, MY DOG
Eyegate p
Alice loves her little dog Blackie, and takes very good care of him.

BOLIVIA: LAND IN THE SKY
Eyegate js
Twice the size of Texas Bolivia has five million people. Climate varies with altitude, transportation difficult because of extensive mountains - a third of Bolivia is a high plateau.

BONGO
EBF pe
A reading readiness experience to help children toward more effective communication and imaginative use of language. Disney’s filmstrip also adds to the children’s cultural development by bringing out the importance of truth, honesty, and kindness.

BRAZIL - PART I
MGHT ej
Northern Brazil: Amazon jungle, crops of cacao, jute, rubber and rice. Shipping center of Recife and the old capital, Salvador.

BRAZIL - PART II
MGHT ej
Beautiful Rio de Janeiro, rich coffee country south of Rio with large plantations. Industrial center of Sao Paulo and rich mineral resources. Brasilia, beautiful new capital city in the wilderness.

BRINGING BACK THE BUFFALO - PART I
HILF ejs
Millions of buffalo which once roamed the American plains are nearly extinct. Wild life refuges have been created for the preservation of this great beast.

BRINGING BACK THE BUFFALO - PART II
HILF ejs
Wild life of all kinds abound in refuges created by the spreading and storing of water.

BRITISH PEOPLE, THE FOOD PROBLEM, PROBLEMS TODAY
Eyegate ejs
With 548 persons per square mile, Britain must import much of her food. How, why, and summary outlines of economic change.

BUFFALO BILL
EBF ej
Folklore of early days in the U.S. is presented through realistic drawings that capture the spirit of this daring and adventurous pioneer.
BUILDING A CLASSROOM WEATHER STATION
PS ej
Factors that influence weather, predictions and forecasting. Students build a simple weather forecasting station in the classroom.

BUILDING A NEW NATION
MGHT js
Colonial period, contributions of many nations. New England towns to southern plantations and affiliated shrines.

BUILDING SELF-CONFIDENCE
FOM s
Self-confidence is raised by knowing one's self and mastering skills. The student learns how to build the confidence needed for new ventures, and how to help others to achieve self-confidence.

BURMA
JH ej
An agricultural country with great mineral wealth in the tropical rain forest belt of Southeast Asia.

BUYING AND SELLING APPLICATIONS OF PER-CENT
SVE ej
Understanding and use of economic vocabulary; application of per-cent to real situations.

CALIFORNIA
SVE ej
Valleys and coast lands are among most productive in U.S. Irrigation techniques. Shipbuilding, movie making industries. Land marks.

CALIFORNIA AND THE SOUTHWEST
JH ej
A panorama of the far westward movement; settlement of California, the gold rush, the Mormon community, and better means of transportation and communication.

CAMBODIA AND LAOS
JH ej
Life along the Mekong. An interesting look at a crucial area in Southeast Asia.

CAMERA - A MAGIC EYE
PSP ej
Comparison of human eye with function and applications of the camera. Introduction to photography.

CANADA
Life ja
Canada, "The Friendly Giant at The United States North Door", is today, in the midst of an economic boom of such spectacular proportions, that it may be considered an industrial revolution. Canada's industry, agriculture and natural resources shown in detail.

CANADIAN SHIELD, THE
MGHT ej
The vast rocky area covering half of Canada from the Arctic Ocean to the St. Lawrence Lowlands and "Thousand Islands" area. Pre-cambrian origin. Transportation difficulties, industries, electrical power and tourism.

CARD CATALOG, THE
MGHT ej
Functions and importance of using it. Kinds of catalog cards shown, explained. Call numbers reviewed. Alphabetical filing order.

CARDBOARD AND COLLAGRAPHS PRINTING
IMPRL pe
Materials needed and procedures to follow for making prints from corrugated cardboard and smooth surfaced poster-board.

CARE OF THE SKIN
EBF pe
A fine filmstrip for young people showing them how to care and protect their skin.

CAREER PLANNING IN A CHANGING WORLD
FOM s
Work requirements and opportunities change with social and technological changes. This filmstrip teaches the young person to think realistically about job opportunities in this context. Factual, up-to-date information is presented.

CASEY AT THE BAT
EBF pe
An enjoyable learning experience in language arts and reading is offered in this filmstrip. Authentic Disney drawings and story offer an effective tool for reading motivation.

CATS AND DOGS
SVE ej
Includes other members of the dog family such as wolves, coyotes, and foxes. Included in the cat family are the lions, leopards, and other wild cats.

CAUSE AND NATURE OF SOUND
JH ej
Explores vibrations, action of molecules, forms of energy, and differences in volume and pitch.

CAUSES AND NATURE OF HEAT
JH ej
Sources of heat; states of matter made up of vibrating molecules, motion of molecules, addition or removal of heat.

CAUSES OF THE CIVIL WAR
EBF js
Authentic information gives the students a deep and lasting appreciation of this great and tragic era in our nation's past.

CELL NUCLEI DISCOVERIES
FOM s
Introduction to new developments in biochemistry of living cell. Early theories with respect to role of DNA and RNA in cell. Experimental demucilization of protozoa.

CELLS: BUILDING BLOCKS OF LIFE
PSP ej
From single-celled to multi-celled plants and animals the importance of the cell in all living things is expounded.
CEYLON
CEZANNE
CHICO LEARNS TO READ
CHILDREN OF COLD LAND SERIES
CHILE
CHRISTMAS CAROL, A
CHRISTMAS STORY, THE
CITIES AND COMMERCE
CITIES AND INDUSTRIES OF INDIA
CITIES OF COLOMBIA
CITY LIFE IN SOUTH KOREA
CIVIL WAR AND RECONSTRUCTION
CIVIL WAR AT SEA, THE
CLASSIFYING
COAL - A FOSSIL FUEL
COLOMBIA
COLOMBIA: GATEWAY TO SOUTH AMERICA
COLOMBIA: PEOPLE AND OCCUPATIONS
COLONIAL AMERICA
COLUMBUS DAY
COMING OF THE REPTILES
COMMA, THE - PART I

CEYLON

A land steeped in ancient tradition. Fishing, agriculture, and tea plantations.

CEZANNE

Eyegate js
Famous French artist, master of still-life painting and nature. Some portraits.

CHICO LEARNS TO READ

MCHT ej
Chico discovers that the ability to read is most important in the operation of a fazenda.

CHILDREN OF COLD LAND SERIES

MCHT pe
(Order by Set - 6 F.S.)
This series introduces young students of families of a less advanced culture, their dependence of natural resources for food, clothing and shelter and need for trading goods and services.
Eskimo Children on Baffin Island - Autumn
Eskimo Children on Baffin Island - Winter
Eskimo Children on Baffin Island - Spring
Eskimo Children on Baffin Island - Summer
A Day In the Life of An Indian Girl
A Day In the Life of An Indian Boy

CHILE

MCHT ej
Variety of climates and terrain, copper mines, farmlands of Central Chile, capital of Santiago, Valparaiso of seaport fame. Southern Chile with its forests, lakes, great farms and Araucanian Indians.

CHRISTMAS CAROL, A

SVE ej
Tiny Tim, Scrooge and all the characters of this classic tale spring to life in animated filmstrip.

CHRISTMAS STORY, THE

CAF M pejs
Series of live photos combined with two classic carols to tell the story of Christ's Birth.

CITIES AND COMMERCE

SVE ej
Depicts the characteristic of the Midwestern cities; their people, industries and commerce. Shows importance of water transportation, power, and raw materials.

CITIES AND INDUSTRIES OF INDIA

JH ej
A tour of Dehli, Bombay, Calcutta, and Madras; the old and the new.

CITIES OF COLOMBIA

Eyegate js
Many visitors travel to Colombia, land of wealth and culture. Famous cities of Bogota, Cartagena, Popayan Cali, and others.

CITY LIFE IN SOUTH KOREA

JH ej
A visit to the homes, market places and industries of Seoul.

CIVIL WAR AND RECONSTRUCTION

MCHT js
A detailed narration which caused this sectional conflict and its effect on our modern American democracy.

CIVIL WAR AT SEA, THE

MCHT js
Authentic information and realistic paintings give the students a deep and lasting appreciation of this great and tragic era in our nation's past.

CLASSIFYING

Eyegate p
One "strange" symbol introduced out of four per frame for visual perceptiveness and recognition.

COAL - A FOSSIL FUEL

PS ej
Prehistoric origins, early mining methods, uses of coal, present day mining methods, and industrial applications.

COLOMBIA

MCHT ej
Land of tall mountains, deep valleys and tropical lowlands.
Export center of Barranquilla, historical Cartagena.
Capital of Bogota, industrial Medellin and transportation problems.

COLOMBIA: GATEWAY TO SOUTH AMERICA

Eyegate je
History to present day.

COLOMBIA: PEOPLE AND OCCUPATIONS

Eyegate js
Although a democracy, the many races of Colombia do not mix freely. Primitive farming methods excepting large coffee plantations. Oil production ranks high and forest products abundant.

COLONIAL AMERICA

ICPP ej
Excellent presentation of colonial life, homes, utensils, and tools.

COLUMBUS DAY

EBF ej
The historical events behind this national holiday are depicted in watercolor, providing a colorful and informative background for this celebration.

COMING OF THE REPTILES

EBF ejs
A visit to a museum and a laboratory illustrates evolutionary development. Complex terms and time cycles are carefully spelled out and charted with diagrams and text.

COMMA, THE - PART I

FSP je
Illustrates how the placing of commas within a sentence can vary the meaning.
COMMA, THE - PART II
PSF  j
Stresses reasons for using commas.

COMMA, THE - PART I
MGHT  ej
Use of the commas in appositives, direct address, items in addresses, and parenthetical expressions.

COMMA, THE - PART II
MGHT  ej
Use of the comma after yes and no, contrasting expressions, independent clauses, introductory words, phrases, and clauses.

COMMA IN A FRIENDLY LETTER
JH  js
Develops understanding of correct usage of punctuation: comma.

COMMA: OTHER USES
JH  js
Develops understanding of correct usage of the comma.

COMMISSION, MEANING AND APPLICATIONS
SVE  ej
Understanding the meaning and use of commission in common sales, Real Estate, Brokerage, and incentive pay.

COMMUNITY LIFE
ICPP  pe
Comprehensive, basic story of a typical metropolitan area, its various workers and their roles.

CONSERVATION
SVE  pe
Basis presentation of what conservation means. Including soil, forest, and wild life care.

CONSONANT BLENDS
JH  p
The filmstrips are designed for the practice, review and application of phonic skills. Art work, appealing to young children, develops and reinforces the recognition of consonant sounds.

CONSONANT SOUNDS
MGHT  pe
Dr. Spello helps children with consonant sounds by means of matching pictures and letters.

CONSONANT SOUNDS AND LETTERS - PART "A"
MGHT  pe
Introduces key words with the consonant symbols r, s, l, h, m, f, n, and b. Key words and correct symbols.

CONSONANT SOUNDS AND LETTERS - PART "B"
MGHT  pe
Introduces the consonant letter symbols d, t, p, g, k, and w, and presents them in association with their pictured key words.

CONTINENTS AND OCEANS
JH  p
Helps build foundation for skill in map and globe reading.

COPY-KITTEN
SVE  p
He copied everyone! An adventure made him realize he’d be happiest being himself.

CORN BELT
SVE  ej
Illustrates how corn is grown, harvested, and stored. Accurate maps elucidate topography, growing season, rainfall differences throughout the country.

CORTEZ CONQUERS MEXICO
PSP  ej
Depicts highlights of Spanish conquest of Mexico and her riches.

COVERED WAGONS
MGHT  ejs
Authentic photos of rare wagons still in existence portray the only means of early westward travel. Conestoga and the prairie schooner.

COWBOYS
SVE  pe
Life on a ranch from the round-up and branding to cowboy gear.

CROCODILIANS AND TURTLES
SVE  ej
Includes both turtles and the crocodilians which are ancient reptiles with long unbroken lines of descent going back millions of years.

CRYBABY CALF
SVE  p
Became frozen in his own tears. Then he learns to laugh his troubles away.

DAIRY AND FOREST REGION
SVE  ej
Dairy farms, cattle and modern dairy methods are portrayed. Shows how trees are felled, cut, and transported to the mill; how paper is made.

DAUMIER
Eyegate  js
Famous French lithographer, later a sculptor and painter. Depicted everyday people, poverty and sorrow. Died broken, blind, and paralyzed.

DAVY CROCKETT
EBF  ej
Folklore of early days in the U.S. is presented through realistic drawings that capture the spirit of this daring and adventurous pioneer.

DAY AT THE UNITED NATIONS, A
MGHT  js
Visit to U.S. Headquarters in New York City shows the noble purpose, important business and complex nature of this international body.
DENMARK
JH  ej
A picturesque visit to the farms, villages, and cities of this land, the Marketbasket of Europe.

DEPENDENT PLANTS
SVE  ej
Characteristics, differences between seeds and spores the way in which fungi reproduce.

DESERTS
SVE  p
Plants, animals, people of the desert. Explains what makes deserts. Describes how all deserts are not sandy.

DEWEY DECIMAL SYSTEM, THE
MGHT  ej
Organization and function explained subdividing into specific areas, call numbers. Fiction, non-fiction, biography treated.

DICTIONARY, THE  - PART I
MGHT  ej
Unabridged and abridged dictionaries explained. Features as thumb-index and guide words. Kinds of information presented i.e. syllabication, usage, derivatives.

DICTIONARY, THE  - PART II
MGHT  ej
Categories of words: slang, informal, poetic archaic. Attention given to etymology, synonyms, antonyms. Biographical and geographical entries illustrated.

DIFFERENCE OF SETS AND SUBTRACTION OF NUMBERS
JH  pe
Concepts include: set difference, the subtraction of numbers, the use of symbols.

DIFFERENCES
Eyegate  p
Minute variations of one symbol in four, draw a fine line for distinguishing differences.

DIFFERENT KINDS OF MAGNETS
JH  pe
Magnets vary in size, shape an'l strength, but all act the same. Polarity and magnetic force of attraction.

DIFFERENT NEIGHBORS
EBF  pe
The concept of a neighborhood is defined here visually as the interdependence of individuals and families and their different ways of life.

DINOSAURS
SVE  pe
Prehistoric animals and size comparison to animals children know today. Technical names included.

DISCOVERING FOSSILS
EBF  ej
Shows young people how to read the earth's history in fossilized stone. Complex terms and time cycles are carefully spelled out and charted with diagrams and text.

DIVIDED GERMANY, A
Curr. CAF  js
History of Germany, political, governmental problems.

DIVISION OF DECIMALS
SVE  ej
Decimals and Measurement

DUMBO
EBF  pe
Disney plays with the children's imagination in this famous story. A valuable tool to further creative development and to stimulate oral expression. Discussion questions and student activity are included at the end of the filmstrip.

EARS ARE FOR HEARING
FS  ej
Physical study of the ear, and how it receives, detects, amplifies and records sound. Simple experiments.

EARTH, THE
EBF  pe
Explains the solar heating and lighting system of the earth, the earth's gravity; and exploration adventure.

ECUADOR: LAND ON THE EQUATOR
Eyegate  js
Beautiful but undeveloped country half the size of Texas, Ecuador is rich in various cultures. Typical market day and farm life.

EDGAR ALLEN POE
Eyegate  s
The unhappy life of America's great author is depicted as well as themes from his poems and stories.

EDUCATION AND RECREATION IN THE USSR
Eyegate  js
Russian children learn early their first loyalty is to the state. Free and compulsory education age 7-14, science high in studies. Sports, particularly soccer, are favorite Russian pastimes.

EGGS FOR YOU TO EAT
Wasp  pe
How the egg is formed, packaged, and distributed.

EGGS THAT PRODUCE CHICKS
Wasp  pe
Life in the form of a baby chick develops inside an egg. Full formation of chick from embryo stage to hatching.

EIRE: FARM LIFE
Eyegate  ej
Simple presentation by two children of life on the farm and in the kitchen.

EIRE: GEOGRAPHIC BACKGROUND
Eyegate  js
Eire occupies five-sixths of Ireland, the remaining being Northern Ireland still part of the United Kingdom. Scenic beauty, farming, moist soil. Much travel by water, beautiful lakes and mild climate.
EIRE: HISTORIC BACKGROUND
Eyegate  js
Long grim story of war and tragedy finally ended with the New Republic of Ireland in 1949.

EIRE: IMPORTANT CITIES
Eyegate  js
The Irish Republic reviewed in depth.

EIRE: OTHER IMPORTANT CITIES
Eyegate  js
Cobh is noted for its harbor as Galway. Kilkenny is a famous tourist attraction because of her beautiful lakes. Other important cities are Limerick, Waterford, Tipperary, and Tralee.

EIRE: PEOPLE, EDUCATION, TRANSPORTATION
Eyegate  js
Characteristics and customs of the people, transportation and education of Ireland.

ELSE THE ELEPHANT
LFSS  p
True happiness is an elusive thing which is not found by looking for it in itself, but by striving to bring happiness to others.

ENCYCLOPEDIA, THE
MGHT  ej
Usefulness of the encyclopedia in finding information on a subject, explains format. Using index to find additional material under other headings, bibliographies. Sample search on subject of "money."

END PUNCTUATION
JH  js
Develops understanding of correct usage of punctuation.

END PUNCTUATION MARKS
MGHT  ej
The many uses of the period, the exclamation point, and the question mark.

ENGINEER IN A FUR COAT
Hilf.  ej
Natural photos depict the life and habits of the North American beaver. Fine nature study presentation.

ESKIMO CHILDREN
EBF  pe
Children at work and play: how do they differ and what do we have in common? Fosters an understanding of cultural differences.

EVANGELINE
EBF  ej
Dramatic moments of this nineteenth century classic brings life to the characters. Text and captions are in Longfellow's own words with a brief introduction.

EVERYTHING CHANGES
PS  ej
The constantly changing nature of animals and plants in the world in response to seasonal and temporal movement.

EXAMPLE OF A TEACHING MACHINE PROGRAM
ESF  s
Complete example of a programmed lesson on "How to Read a Resistor." For use with small groups to explain automated teaching.

EXPERIENCE WITH FRACTIONS
Eyegate  pe
Simple fractions presented by cutting cakes, candy and dividing dollars.

EXPERIENCES WITH COUNTING
Eyegate  pe
Learning to count by numerical units.

EXPERIENCES WITH MEASUREMENTS
Eyegate  pe
Simple everyday uses of measurement. Pounds, quarts, dozen and tons discussed.

EXPERIENCES WITH NUMBERS
Eyegate  p
Daily uses of numbers from house numbering and car license to clocks and some geometrical shapes.

EXPERIMENTING IN SCULPTURE
EBF  pej
How-to-do-it close-ups of student's hands working on sculpture. Shows young children how to make the most common materials and simple tools.

EXPLORING MICHIGAN'S UPPER PENINSULA
U of M  ej
Map and photo presentation of the sparsely populated Upper Peninsula and its scenic beauty. Brief history, industry and nature study.

EXTENSION OF SET AND NUMBER IDEAS
JH  pe
Concepts include: a review and extension of all concepts present in the series.

EYE AT WORK
PS  ej
Control of light entering the eye and image formation. Principle of focus on or near distant subjects.

EYES, THE
YAF  pe
Simple presentation of construction of the eye, and how we can help our eyes in their daily work.

FALL OF THE ROMAN EMPIRE
EBF  js
Adaptation of movie by same name depicting the powerful Roman Empire, its lack of leadership and ultimate failure.

FAMILY PICNIC
LFSS  pe
The Emerson and Johnson families plan a picnic together. Preparations through cleaning up the picnic grounds.
FIVE GREAT CITIES
SVE ej
Descriptions and explanations of New York, Boston, Philadelphia, Baltimore, and Washington, tells why each is a great city and stresses their differences.

FLAG ETIQUETTE
MGHT ej
Proper use and correct display methods for our national flag. Concludes with pledge of allegiance.

FOOD FOR HEALTH
YAF pe
Emphasize healthy eating habits how our foods grow and how they benefit us.

FOOD MAKES THE DIFFERENCE
DCC p
Basic nutrition presentation in which Tim and Mit show why we need food to grow.

FOODS AND NUTRITION
EBF js
Real life photos, labeled diagrams, drawings, and microphotographs explain basic principles of health. Simple experiments students can do for themselves.

FOODS, MARKETS, AND STORES IN THE SOVIET UNION
SVE ej
Department stores; dining customs.

FOREST BABIES
GJP pe
Fine photos catch growing fawns, bear cubs, opossums, raccoons, coyotes and skunks in their natural habitat.

FORMULAS WORK FOR YOU
FOM s
Observable pattern are translated into formulas, and formulas developed, evaluated, and interpreted into graphs. The student achieves a deeper understanding of problem-solving through the use of formulas.

FOUR CITIES
SVE ej
Moscow, Leningrad, Kiev, Tashkent.

FRACTIONS TO DECIMALS-DECIMALS TO FRACTIONS
SVE ej
Decimals and measurement.

FREEDOM
SVE pe
Equality of man is emphasized by brief historical background of democracy and everyday situations.

FRESH WATER TURTLES AND FISH
JH js
Emphasizes structure and habits of these animals, relation to their environment and importance to man.

FRIENDSHIP AND LOVE
FOM s
The role of friendship and love is presented. Attitudes that foster these deep, spiritual emotions are taught. By examples, the student learns how enduring and meaningful relationships are built.

FROG PRINCE
JH p
By being kind to a frog who has done her a favor, a princess is rewarded when the frog turns into a handsome young prince.

FROM AFRICA TO AMERICA
MGHT ej
Shipment of Negro slaves from Africa and pre-Revolutionary War period. Emphasis on need for cheap labor, securing slaves, transporting them and status of Negro in the colonies.

FROM BULL RUN TO ANTIETAM
EBF js
Authentic information and realistic paintings give the students a deep and lasting appreciation of this great and tragic era in our nation's past.

FROM EGG TO CHICK
FOM e
The concept that all animals come from eggs is explored. The parts of eggs and their functions are explained, with the development of the embryo fully depicted. Students build and employ an incubator to hatch fertile eggs.

FROM SHILOH TO VICKSBURG
EBF js
Authentic information and realistic paintings give the students a deep and lasting appreciation of this great and tragic era in our nation's past.

FRUSTRATION!
FOM s
Frustration is often the response to the challenges offered by life. The student examines ways of handling frustration and what may be done constructively about things which are beyond his powers to alter.

FUSSBUNNY
SVE p
Refused to eat! When he wasn't given anything to eat, he soon learned to like all foods.

GENERAL BENJAMIN DAVIS Jr.
FA ej
A West Point graduate who was a distinguished hero in World War I and became the first Negro general in the U. S. Air Force.

GEOGRAPHIC BACKGROUND
EyeGate ej
Map projection, actual photos, and statistics present an overall view of the United Kingdom's geography.
HAWAII, OUR ISLAND STATE
SVE ej
Rich in scenic beauty, these volcanic islands count tourism a major industry. Fishing, agriculture and grazing vital industries also. Military importance. Island Oahu.

HAWAII - THE 50th STATE
CAF ejs
View of state in general.

HEALTH
SVE p
Good health habits, good food, posture, exercise, cleanliness, proper clothing, and a cheerful and willing disposition.

HEARING BEGINNING CONSONANT SOUNDS - PART A
MGHT pe
Develops the ability to identify initial consonant sounds. Names and colors for pairs of objects.

HEARING BEGINNING CONSONANT SOUNDS - PART B
MGHT pe
Gives further and more advanced practice in hearing beginning consonant sounds.

HEARING RHYMES
MGHT pe
Practice at two levels of difficulty, using the familiar service of identifying rhyming words.

HEARING VOWEL SOUNDS - PART A
MGHT pe
Each frame has two pictured vowel sounds. Each word is a monosyllable with the short vowel in medial position.

HEARING VOWEL SOUNDS - PART B
MGHT pe
Each frame has two pictured word pairs. Each word is a monosyllable with the short vowel in medial position.

HELLENIC GREEKS
SVE ejs
Development of Greek and Roman civilizations. How their culture influences our own civilization. Impressive photos, original art, maps.

HELLENISTIC GREEKS
SVE ejs
Development of Greek and Roman civilizations. How their culture influences our own civilization. Impressive photos, original art, maps.

HELP YOURSELF READ
SVE p
Two sounds of ow, long and short y with emphasis on ending endings.

HELPING MOTHER
EBF p
An engaging 7 year old in action photos dramatizes significant incidents in the life of a real family.

HELPING PEOPLE TO SEE
AVA js
Anatomy of the eye, science of corrective lenses and the importance of optimum eyesight.

HIAWATHA
EBF ejs
The tall tale, that thoroughly American form of exaggerated humor, is told with the witty paint of the filmstrip artist in this child's legend. Storytelling and composition motivation.

HIGHWAY TRANSPORTATION
EBF e
Buses and trucks reviewed in detail.

HISTORIC BACKGROUND
Eyegate ejs
Beginning with the reign of Queen Anne (1702-1714), England's historical and industrial progress, including distinguished statesmen and rulers.

HISTORIC BACKGROUND OF INDIA
Eyegate js
From 2000 B.C. with the Aryans attack on the Dravidians an exciting epic unfolds up to India's independence 1950.

HISTORIC BACKGROUND OF SOUTH AMERICA
Eyegate js
Columbus' discovery, the plundering of greedy Spaniards, establishment of new republics.

HISTORY OF LINEAR MEASURE
MGHT ej
From early Egyptian times of large measurement to accuracy in the microscopic measurement.

HISTORY OF MICHIGAN
JH ej
The early French explorers, beginnings of cities and military activity outline Michigan's past.

HISTORY OF OUR FLAG, THE
MGHT ejs
Union Jack from England to the America's 50 star Flag.

HISTORY OF OUR NUMBER SYSTEM
MGHT ej
Our numbering system has emerged from caveman through Greek and European systems.

HISTORY OF TELLING TIME
MGHT ej
1500 B.C., the Egyptians developed the first clock, the sun dial. Since, the 12 hour clock dial has come into use.

HISTORY OF THE UNITED NATIONS
MGHT js
Origin and history of U.S. reflects man's age old struggle for world peace. Major conferences, conflicts the U.N. has resolved, problems they are helping to alleviate.

HISTORY OF WEIGHT-VOLUME MEASURE
MGHT ej
Man's hands were first means of measuring weight and volume. Modern means have become more sophisticated; pound, kilograms, bushels, quarts.
HOME IN A MEXICAN TOWN
Wasp ej
The patio, walls, furnishings, and a spirit of cooperation among family members.

HONEYBEE, THE
EBF ej
Motivational material organized for classroom in the Disney approach to the beauty and wonder of nature.

HONG KONG AND MACAO
JH ej
The great commercial, industrial and trading centers that link East and West.

HOT AND COLD PLACES
JH p
Helps build foundation for skill in map and globe reading.

HOUSE DIVIDED, A
MGHT je
Civil War; brother against brother, strategy of the war, major battle sites.

HOUSES
SVE p
All shapes and descriptions, protection against elements, various types of materials.

HOW ANIMALS GET TO THE ZOO
PAR pe
Film clips from motion picture "Hatari" depicting capture of animals for the zoo.

HOW CRYSTALS ARE FORMED
PS ej
The atomic and molecular structure of crystals, and how they can be "grown" by artificial methods using easily obtained equipment.

HOW DOES A GARDEN GROW?
MS ejs
Sprouting of seeds, primary and secondary roots and the vital need for light and water.

HOW FOOD BECOMES YOU
NDC pe
Basic functions of food, nutritional value, and necessary minerals.

HOW HEAT CAUSES EXPANSION
JH ej
Expansion and contraction of solids, liquids, and gases. Variability between contraction and expansion of states of matter.

HOW HEAT TRAVELS
JH ej
Explains processes of conduction, convection, and radiation. Also describe conductors, insulators, reflectors and absorption.

HOW LIGHT TRAVELS
PS ej
Introduction to optics. Theories of light transmission. Reflection and refraction by mirrors, prisms, and lenses.

HOW PRONOUNS HELP
FSP j
Explains the substitute concept.

HOW SOUND TRAVELS
JH ej
Sound waves travel in all directions. Speed determined by form of matter. Sound can be reflected, absorbed, directed, and weakened. Workings of the ear.

HOW THE WEST WAS WON
SVE ejs
Adaptation of MGM's motion picture. Authentic photos recreate this exciting period in American History.

HOW TO STUDY OCCUPATIONS
FOM s
Study of the world of work leads to more intelligent choice in vocational planning. Prospects and job qualifications for various kinds of work are surveyed, and methods of investigation taught.

HYMNS OF THE NATIVITY
SVE ejs
Classic Christmas hymns set to pictures with lyric captions.

ICE AGE, THE
PS ej
Long years of geological time are telescoped to show the history of the ice age. How land and water formations were affected.

IDEALS TO LIVE BY
FOM s
Ideals as good and necessary stimuli to better performance and richer relationship is the subject of this filmstrip. The acceptance of worthwhile ideals and their defense against inner fears and outward challenges is stressed.

IMPORTANT CITIES OF GREAT BRITAIN
Eyegate ejs
Manchester, Birmingham, Liverpool, Glasgow and Edinburgh with their industries and famed export products.

IMPORTANT CITIES IN INDIA
Eyegate js
Bombay is studied in depth. Calcutta is the center of learning. Delhi is the oldest and most historic city; New Delhi, the capital.

IN AND OUT THE NEIGHBORHOOD
EBF pe
The concept of a neighborhood is defined here visually as the interdependence of individuals and families and their different ways of life.
IN BEAVER VALLEY
EBF  ej
Motivational material organized for classroom in the Disney approach to the beauty and wonder of nature.

INcas, the Mayas, & the Aztecs
EBF  je
Vital phases in the development of Indian cultures are based on the American Heritage "Book of Indians" and the extensive picture files of American Heritage.

INCLINeD I-LANeS
JH  ej
Definition of inclined planes, work saved or expanded, types of planes.

inDependeNce DAY
FSH  ej
In 1776, 56 delegates from the 13 original states signed the Declaration of Independence. The ensuing battles and our noble democracy is commemorated on July 4th.

inDependeNce DAY
EBF  ej
The historical events behind this national holiday is depicted in watercolor, providing a colorful and informative background for this celebration.

INdIAN CEREMoNIES
Curr.  e
Plains Indians, Iroquois, Pueblo, American Indian life.

INdIAN CLOTHINg
Curr.  ej
Various articles and types of clothing shown.

INdIAN FOoD
Curr.  ej
Hunting, fishing, preparing of food included.

INdIAN GAmES
Curr.  pe
Depicts games enjoyed by all members of the tribe and their relation to our games of today.

INdIAN HOUSES
Curr.  e
Construction of various Indian habitats from raw materials.

INdIANS
SVE  pe
History, customs and everyday life of several Indian tribes.

INdIANS AND ESKIMOs of the NORTHWEST
EBF  js
Vital phases in the development of Indian cultures are based on the American Heritage "Book of Indians" and the extensive picture files of American Heritage.

INdIANS OF THE NORTHWEST
EBF  js
Vital phases in the development of Indian cultures are based on the American Heritage "Book of Indians" and the extensive picture files of American Heritage.

INdIANS OF THE PLAINS
EBF  js
Vital phases in the development of Indian cultures are based on the American Heritage "Book of Indians" and the extensive picture files of American Heritage.

INdIANS OF THE PLAINS
SVE  pe
Buffalo hunters on Horseback.

INdIANS OF THE SOUTHEAST
EBF  js
Vital phases in the development of Indian cultures are based on the American Heritage "Book of Indians" and the extensive picture files of American Heritage.

INdIANS OF THE SOUTHWEST
EBF  js
Vital phases in the development of Indian cultures are based on the American Heritage "Book of Indians" and the extensive picture files of American Heritage.

INDIRECT MEASUREMENT
MGHT  js
Techniques used by surveyors in determining boundaries.

INDonesIA-ProducTS, CustOmS and ArTs
JH  ej
Seasonal effects on life, types of agricultural ceremonies are explained.

INDonesIA-VIllAge and CItY LiFe
JH  ej
Depicts the duties of different members of family, cultural groups, food, recreation, education and housing among other things.

INdooR WEATHER
PS  ej
Early attempts of controlling indoor environment are compared with modern day methods of air heating, cooling and conditioning, fuel and heating systems in homes and schools.

INdUSTRIAL REVoLuTION
EBF  js
Authentic watercolors show events and struggles of the episodes in British history.

INdUSTRIAL REVoLuTION IN MEXICO
EBF  ej
Carefully phrased questions inserted throughout this strip help students discover for themselves the problems and progress of the Mexican people.

INdUSTRIAL SOUTH AFRICA
AVA  js
An industrial revolution has taken place since 1945 in South Africa. It produces twice the electric power, six times the steel and has half of Africa's motor vehicles. High literacy and income in Africa. Brief history of its development and major industries.
INDUSTRIES AND PRODUCTS - ENGLAND
Eyegate ejs
Agriculture, woolen goods, coal, fishing, and dairy products are England's leading products.

INDUSTRIES AND PRODUCTS - IRELAND
Eyegate js
Most Irishmen are farmers by occupation. Horse breeding, sheep raising, dairy farming, and agriculture. Industries include fishing, brewing, food processing and textiles.

INDUSTRIES AND PRODUCTS - SOUTH AMERICA
Eyegate js
Coffee, sugar, cocoa, natural rubber, and tin are all products of growing industries in South America. Transport of products generally by water.

INITIAL CONSONANTS
BSMFT
JH p
The filmstrips are designed for the practice, review, and application of phonic skills. Art work, appealing to young children, develops and reinforces the recognition of consonants sounds.

INITIAL CONSONANTS
CWRHG
JH p
The filmstrips are designed for the practice, review, and application of phonic skills. Art work, appealing to young children, develops and reinforces the recognition of consonants sounds.

INITIAL CONSONANTS AND DIGRAPHS
KVYZQK
JH p
The filmstrips are designed for the practice, review, and application of phonic skills. Art work, appealing to young children, develops and reinforces the recognition of consonants sounds.

INITIAL CONSONANTS
PLDNJ
JH p
The filmstrips are designed for the practice, review, and application of phonic skills. Art work, appealing to young children, develops and reinforces the recognition of consonants sounds.

INSURANCE
SVE ejs
Understanding the purpose and use of life, auto, fire, crop, hospital, health, old age, and survivors insurance terms.

INTEREST BORROWING AND INVESTING
SVE ej
Understanding the use of percent in investments, borrowing, discount, time payments, installment buying. Finding the interest on loans, notes, mortgages, installment buying, bonds, treasury bills.

INTEREST PAY OFF
FOM s
Interests along with aptitudes and abilities, characterize the successful person. The student learns how to assess, classify and relate interests to his life's work.

INTERIOR PLAINS, THE
MGHT ej
Manitoba Lowlands, Saskatchewan Plain, and the Alberta Plain are great wheat producing areas. Field crops, ranching, oil and natural gas provide industry with materials.

INTERMOUNTAIN WEST
SVE ej
The vast grazing lands and scattered irrigated farms in the desert. Grand Coulee and Hoover dams.

INTRODUCTION TO CANADA'S GEOGRAPHY, AND
MGHT ej
An overview of the natural regions of Canada, parts of the great Canadian Shield-people, industry and agriculture.

INTRODUCTION TO SETS
JH pe
Concepts include: the set, the set member and the subset.

ITALY
EBF ejs
General view of the country, her industries, people, land and history.

JANE ADDAMS
JH ej
In spite of never being healthy, Jane Addams spent her life helping people. Included are her founding of Hull House in the slums of Chicago and her fight to outlaw child labor in the factories.

JAPAN
JH ej
Shows the characteristics of the island and how the Japanese people live.

JAPAN, LAND OF CONTRAST
Curr. ejs
Shows influence of Shintoism and Indian Buddhism upon Japanese Culture.

JAPANESE FARMERS
Curr. ejs
Shows the importance of the farmer - problems he faces, the hard work involved, and crops grown.

JOHNNY APPLESEED
EBF e j
Folklore of early days in the U.S. is presented through realistic drawings that capture the spirit of this daring and adventurous pioneer.

JOHNNY TREMAIN, MINUTEMAN
EBF e j
Introduction for students to a great literary work; an aid to whet their desire to read this story.

JOSE HARVESTS BANANAS
MGHT e j
Life on a banana plantation where Jose helps his father and is rewarded with a monkey.
KEEPING BUSY
EBF  
An engaging 7 year old in action photos dramatize significant incidents in the life of a real family.

KIDNAPPED
EBF ej
Color visuals taken from Disney's pictures, capture interest and make reading fun.

KINDS OF SENTENCES
EBF js
Combines drawings of people in action with sentences describing their actions, lending immediacy and focus to various grammatical situations. Common errors in sentence composition are pointed out with illustrations of simple rules for avoiding these errors.

KIT CARSON
EBF ej
Folklore of early days in the U.S. is presented through realistic drawings that capture the spirit of this daring and adventurous pioneer.

LAND OF MEXICO
EBF ej
Carefully phrased questions inserted throughout this strip help students discover for themselves the problems and the progress of the Mexican people.

LANDS AND PEOPLE OF NORTHERN SOUTH AMERICA
SVE ejs
Columbia, Venezuela, and the Guianas. Life in the mountains, difficulties of transportation, mineral resources.

LANDS AND PEOPLE OF SOUTHERN SOUTH AMERICA
SVE ejs
Chile, Argentina, Paraguay, Uruguay. Occupations in contrasting environments.

LARGE HOOFED MAMMALS
SVE ej
Classifies the odd-toes and even-toed hoofed mammals.

LARGE ZOO ANIMALS
EBF pe
Striking close-ups in brilliant color in surroundings which approximate their natural habitats.

LATITUDE & LONGITUDE: FINDING PLACES & DIRECTIONS
MGHt pe
Explains latitude and longitude, finding locations, compass directions and global divisions in terms of degrees.

LATITUDE & LONGITUDE: TIME ZONES & CLIMATE
MGHt pe
Should follow "Latitude & Longitude: Finding places & directions" which shows uses of parallels and meridians. Illustrates slant of sun's rays to determine climate, high and low latitudes. Relationship between longitude and time.

LAUGHING PLACE, THE
EBF pe
A reading readiness experiences to help children toward more effective communication and imaginative use of language. Disney's filmstrip also adds to the children's cultural development by bringing out the importance of truth, honesty and kindness.

LEAF AND CLAY PRINTING
MPRL pe
Leaves and multicolored prints, clay and simple printing plates, and the method of matting a print.

LEARNING EFFICIENTLY AND EFFECTIVELY
FOM s
No one can carry out the learning process for another. The filmstrip highlights the nature of learning, and the importance of the desire to learn, to find out, to discover. Good study habits are emphasized.

LEAVING THE WORLD
SVE ej
Pictures manmade satellites recently launches. Explains rocket power, thrust, speed of release. Defines perigee, apogee, period, ellipse.

LEFT TO RIGHT SEQUENCE
Eyegate p
By a series of pictures and repeated symbols within a frame, left to right sequence is established.

LEGEND OF SLEEPY HOLLOW, THE
EBF pe
Disney filmstrip of a story designed to acquaint children with a well known character. Captions are structured to increase child's comprehension and vocabulary and add to his total learning experience.

LEONARDO DaVinci
Eyegate js
A study of DaVinci's many interests, particurlarly in the arts and sciences.

LET'S DISAGREE TOGETHER
FOM s
Types of group leadership, favorable and unfavorable, are shown, and the consequences of each is demonstrated. The student learns that disagreement tempered by mutual respect builds character.

LET'S EXPLORE A FIELD
SVE ej
Animals and plants in natural settings; seeking winter shelter; feeding upon one another. Dangers of soil erosion.

LET'S EXPLORE A GARDEN
SVE ej
Crops, weeds, insects, animals of a garden. Pest insects with enemies that aid the gardner. How we use plant parts as food.
LET'S EXPLORE A LAWN
SVE  ej
Common weeds and desirable grasses, effect of too much fertilizer. Animal life and its effect upon soil and grass.

LET'S EXPLORE A POND
SVE  ej
Pond formation, how they fill to form marshes or swamps. Plant and animal life, growth and activity winter and summer.

LET'S EXPLORE A STREAM
SVE  ej
Plants and animals in habitats formed by pools, ripples and waterfalls. Moving water works for man, pollution destroys.

LET'S EXPLORE A WOODLAND
SVE  ej
Decaying leaves and humus to soil, harbor caterpillars, spiders food for animals. Life around a dead log. Woodland plant life, insects and birds.

LET'S PAINT
SVE  e
4th-6th grade children work with water colors to create cards, paintings, posters, and murals. Examples of student art work.

LETTERS WHICH WORK TOGETHER
MGHT  p
Vowel combinations and silent consonants are two areas covered in this presentation of word sounds.

LEVERS AT WORK
JH  ej
Description and application of first, second, and third class levers.

LIFE CYCLE OF THE SILKWORM
SVE  ej
Complete life cycle. Points out basic facts of silk industry.

LIFE IN A TERRARIUM
PS  ej
Interdependence of life forms and recreation of a natural environment. How to construct and maintain several forms of terrariums.

LIFE IN AN AQUARIUM
PS  ej
Practical instructions for building and maintaining a classroom or home aquarium. Aquatic animal and plant growth.

LIFE IN PERU
Eyegate  js
Daily living and industry of Peru from Lima to the ancient Inca capital of Cuzco. Differences in groups, customs and wealth.

LIFE IN NORTHERN INDIA
JH  ej
From the high Himalayas and Kashmir to Benares on the Ganges a glimpse of India’s northern regions.

LIFE IN SOUTHERN INDIA
JH  ej
The Deccan Plain and the Malabar coast form interesting contrasts in this tropical region.

LIFE IN THE HIGH MOUNTAINS
Eyegate  is
The western slopes of the Andes in Bolivia and Peru are very dry, hence farming is done in the valley. Cities of the high lands were centers of Inca civilization. Crops include potatoes, wheat, quinoa and corn.

LIFE IN THE TROPICAL FOREST
Eyegate  is
The Amazon Valley contains the greatest continuous forest area in the world. Wild plants provide food for the Indians in isolated primitive tribes. Some lumbering and rubber industry is carried on.

LIFE ON THE PLAINS INDIANS
MGHT  ejs
Daily responsibilities of men, women and children of typical Plains tribe, before the arrival of white men altered the pattern of Indian life.

LIFE ON THE WAGON TRAIN
MGHT  ejs
Difficulty and hardships are portrayed in this presentation of pioneers and settlers heading west on the middle 1800's.

LIGHT AND COLOR
JH  ej
A look at the colors of the spectrum, separation of colors, and determination of color.

LIGHT AND HOW IT TRAVELS
JH  ej
Sources of light may be direct or reflected. Also explains refraction, transparent, translucent, opaque, and speed of light.

LIGHT, HEAT AND SOUND
SVE  p
What they are good for, where do they come from. What we use them for. How they travel.

LIMESTONE FOR INDUSTRY
MFS  e
Showing the importance of this Michigan mineral-pictures focused on the Quarry at Rogers City.

LINCOLN'S BIRTHDAY
FSH  ej
February 12th we celebrate Abraham Lincoln's birthday. A discussion of Lincoln's Life, philosophy and his administration including the Civil War.

LINCOLN'S BIRTHDAY
EBF  ej
The historical events behind this national holiday are depicted in watercolor, providing a colorful and informative background for this celebration.

LINOLEUM AND WOODCUT PRINTING
IMPR  le
The necessary tools and materials, the cutting process and the use of colored and transparent paper for printing.
LITTLE MERMAID, THE
EBF pe
"Now let’s see if we can tell the story ourselves while looking at the pictures", reads the motivation text which introduces this filmstrip.

LITTLE TOOT
EBF pe
An enjoyable learning experience in language arts and reading is offered in this filmstrip. Authentic Disney drawings and story offer an effective tool for reading motivation.

LIVING IN BULGARIA TODAY
SVE js
The geographical features, means of transportation, industries, agriculture, and customs of the people.

LIVING IN CZECHOSLOVAKIA TODAY
SVE js
Industrialization to a high degree; agriculture on collective farms, education and ancient cities.

LIVING IN EAST GERMANY TODAY
SVE js
Life in East Berlin, Leipzig, Dresden; waterways, roads and horse-drawn vehicles take industrial and agricultural products to market.

LIVING IN HUNGARY TODAY
SVE js
Budapest, the Danube lowlands, industry and agriculture; traditionalism and collectivism.

LIVING IN NEW ENGLAND
SVE ej
Geographical and physical factors. Shows natural environmental conditions early colonists encountered; how region developed; regional occupations; tourist industry.

LIVING IN POLAND TODAY
SVE js
A land of broad plains whose people have often been subject to foreign rule. Its mineral resources, agricultural products, transportation, and culture.

LIVING IN ROMANIA TODAY
SVE js
The government controls the development of resources, industry, transportation, education and agriculture.

LIVING IN YUGOSLAVIA TODAY
SVE js
Geographical regions, natural resources, agriculture, famous cities, and colorful peasant costumes.

LIZARDS OF THE WORLD
SVE ej
Identifies some representative lizards and explains their habits and where they live.

LOAF OF BREAD
MGHT p
Steps involved in the making of bread. Work in the bakery is discussed in terms of what workers and machines do.

LOGGING IN CANADIAN FORESTS
EBF ej
Real life photos of the logging techniques of the Canadians. Economic development comparison with Great Lakes Region.

LONDON
EBF js
The visual excitement and immediacy of an actual trip through this great city is brought into the classroom through these real-life photos.

LONDON-NERVE CENTER OF GREAT BRITAIN
Eyegate ej
London is the hub of the railway system. Historical landmarks, shipping on Thames, and some industries.

LONG VOWEL SOUNDS
Webster j
Color sketches depicting vowels in words.

LOOK AT MICHIGAN
MFS ej
Industries, natural wonders and scenic points of interest today and existing from Michigan’s history.

LOOK AT YOUR FUTURE
AVE js
Stresses the importance of a responsible attitude, good school record and personal appearance.

LOOKING AT BIRDS
SVE pe
Directs general observation of birds, points out what to look for.

LOUIS PASTEUR
EBF js
Personal drives, problems and courageous struggle of Pasteur through the painstaking process of discovery by experiment and analysis.

LOUISIANA PURCHASE, THE
JH ej
Almost doubled in size, the United States sent Lewis and Clark to explore the area which was soon crossed by railroads and settled.

LOWER CASE CURSIVE LETTERS AND NUMBERS
SVE pe
Illustrates group letters and numbers having like parts; technique of writing and proper way to form letters. Undercurves, extensions, upper loops, humps or hills, ovals.

LUMBERING ERA IN MICHIGAN
U of M ej
History of lumbering industry in early Michigan with logging term defined.

MACHINES AND TOOLS TO HELP US
SVE p
Simple machines and how they work. How they help man. Their everyday application familiar to most children.
MADRID
EBF js
The visual excitement and immediacy of an actual trip through this great city is brought into the classroom through these real-life photos.

MAGNA CARTA
EBF js
Authentic watercolors show events and struggle of the episodes in British history.

MAGNETIC FIELDS
JH ej
Free-turning bar magnet will point north and south; like poles repel, unlike poles attract.

MAGNETISM AND ELECTRICITY
SVE p
Kinds of magnets - what they attract. Simple magnetic experiments sources and uses of electricity.

MAGNETS CAN ATTRACT THROUGH OBJECTS
JH p
Magnets will attract through objects which they do not attract and will not attract through iron and steel.

MAGNETS HELP TO FIND DIRECTIONS
JH p
The needle of a compass, a free turning bar magnet, and magnets made from other magnets.

MAKING AND USING STENCILS
EBF pej
How-to-do-it close-ups of student’s hands working on stencils. Shows young children how to make the most common materials and simple tools.

MALAYA
JH ej
The melting pot of the Southeast Asia. Rubber, tin and rice are principal products of this interesting land.

MAN IN SPACE
SVE ej
Shows how men are being trained for outer-space trip.

MAN WITHOUT A COUNTRY, A
EBF ej
Dramatic moments of the nineteenth century classic brings life to the characters. Text and captions are in Hale's own words with a brief introduction.

MANNERS AT PLAY
EBF pe
Good manners are represented as pleasant ways of getting along with other people.

MANUFACTURING TODAY IN MICHIGAN
JH ej
Michigan has raw materials, transportation, power and labor which together with its research facilities make it highly industrialized. 

MAP SYMBOLS, DOTS AND LINES
SVE ej
Symbols as a means of visualizing a region. Geographical terms, such as river, swamps, and irregular coastline, are explained by means of maps.

MAPS: SYMBOLS AND TERMS
MGHT pe
Maps and their meaning are explained by discussing symbols; use of color, elevation, boundaries, rivers, roads, the legend or key. Terms: island, peninsula, gulf, strait, etc.

MAPS: THEIR TYPES AND USES
MGHT pe
Various types of flat projections, their differences and unique purpose of each is discussed.

MARKET DAY AT CUSCO
MGHT ej
Nusta an Inca girl of Peru sells all of her native handicrafts to a museum at Lima.

MARKET DAY IN MEXICO
Wasp ej
Gaiety and excitement of the market place. Clay pots, huaraches, sombreros, fruits and vegetables.

MARTIN L KING
FA ej
A Nobel Prize winner who inspired others to achieve their human and civil rights.

MARY HAD A LITTLE LAMB
Eyegate p
By a series of doll-like figures, Mary's story is told concluding with the actual nursery rhyme.

MARY M BETHUNE
FA ej
An educator who rose to heights of greatness by establishing self-supported schools and colleges.

MATHEMATICS IN AVIATION - THE COMPASS
MGHT js
Instrument flying by means of a compass-discussion of principle of magnetism.

MATHEMATICS IN AVIATION - WIND DRIFT
MGHT js
A detailed explanation of measuring wind velocity, direction, and angles of drift.

MEANING AND READING OF DECIMALS
SVE ej
MEANING OF THANKSGIVING
MEANING, UNDERSTANDING OF PER CENT:
MEASUREMENT:
MEASUREMENT: DEVELOPING UNITS FOR MEASUREMENT
MEASUREMENT: HOW AND WHY
MEASUREMENT: INTRODUCTION TO MEASUREMENT
MEASURING DISTANCE
MEASURING TEMPERATURE
MEASURING TIME BY THE SUN AND THE STARS
MEASURING VOLUME AND DENSITY
MEASURING WEIGHT
MÉDIÉVAL CHURCH
MEDIEVAL TOWNS AND CITIES
MÉDIÉVAL TOWNS AND CITIES
MIDDLE ATLANTIC - THEIR HISTORY
MGHT  ejs
Development of five of the original thirteen states from Hudson's discovery to Washington D.C.

MIDDLE WEST - ITS HISTORY
MGHT  ejs
Brief history of settlement and development of the Midwest. French explorers, Lewis and Clark, Louisiana Purchase, slavery issue in the new territories.

MIGRATION OF BIRDS
SVE  pe
How birds navigate, change altitude, travel.

MIGRATION OF MEDIEVAL PEOPLE
SVE  ejs
Migrations of peoples laid foundation of modern Europe. Role of church; how lords and peasants lived under feudalism.

MIKE FINK
EBF  ej
Folklore of early days in the U.S. is presented through realistic drawings that capture the spirit of this daring and adventurous pioneer.

MILES STANDISH
EBF  ej
Folklore of early days in the U.S. is presented through realistic drawings that capture the spirit of this daring and adventurous pioneer.

MILK FROM THE COW TO YOU
Wasp  pe
How milk is processed, bottled and delivered to your home and store.

MILK WE DRINK
MGHT  p
Processes involved in producing milk. Milk is traced from its origin on the farm through pasteurizing, bottling and delivery.

MINATURE PLANTS OF THE DESERT
MIS  ejs
Fitted to withstand the rigors of the desert miniature plants small as a grain of sand.

MODERN BRITISH ISLES
SVE  ej
Vivid photographs of major historical places, modern London, Commerce, manufacturing, agriculture, fishing.

MODERN FRANCE
SVE  ej
How modes of living, climate, resources, and occupations vary from area to area. Paris, the transportation and cultural center of the country.

MODERN MATHEMATICS Sets 1-5
SVE  p
Familiar animals and objects are used to aid in recognizing sets, symbols, and numerals.

MODERN MATHEMATICS Sets 5-9
SVE  p
Meas. involved in simple addition introduced as a basis for further understanding.

MODERN MATHEMATICS Sets 9-12
SVE  p
Parts of sets (subsets), numbers in small sets (groups); number symbols, number words.

MODERN MATH: PENNIES, NICKLES, DIMES, QUARTERS
SVE  p
Recognition and value of coins; the relationship between.

MODERN MATH: TELLING TIME
SVE  p
Clock face; recognizing numerals; hour hand; minute hand; vocabulary.

MODERN MATH: Sets by 1's, 2's, 5's and 10's
SVE  p
Use of number charts, one-to-one correspondence; originals.

MODERN MATH: Sets 11-15
SVE  p
"Teen concepts plus the number symbols (numerals): oral number words (names).

MODERN MATH: Sets 16-20
SVE  p
Continuation of "teen's"; comparison of group sizes; arithmetic vocabulary.

MODERN MATH: ADDITION, OBJECTS & SYMBOLS
SVE  p
Vertical and horizontal forms or patterns; equations.

MODERN MATH: SIMPLE MEASURES
SVE  p
The ruler; quarts, pints, pounds, dozens; the thermometer.

MODERN MATH: SUBTRACTION - OBJECTS AND SYMBOLS
SVE  p
Vertical and horizontal forms or patterns; equations.

MODERN MATH: Sets by 2's, 3's, 4's, and 5's
SVE  p
Teaches counting both "up and down."

MODERN MATH: DIVISION OBJECTS AND SYMBOLS
SVE  p
Teaches grouping into sets; dividing by 2's and 3's.

MODERN MATH: MULTIPLICATION OBJECTS & SYMBOLS
SVE  p
Symbols, the number in a set, the number of sets along with the concepts of multiplying by 2's and 3's.

MODERN MATH: SIMPLE ADDITION ADVANCED
SVE  p
Number 7 through 18 taught with sets of concrete objects.

MODERN MATH: SIMPLE SUBTRACTION ADVANCED
SVE  p
Numbers 9 through 18; minus, equal signs; number symbols.
MODERN MATH: TIME MEASUREMENT CALENDAR
SVE p
Names and order of days of week, month, of years.

MODERN MATH: ADDITION AND SUBTRACTION - 2 and 3
PLACE NUMBERS
SVE pe
Utilizes "open" and "complete" sentences.

MODERN MATH: ADVANCING WITH ADDITION, SUBTRACTION, MULTIPLICATION
SVE pe
Concept of regrouping.

MODERN MATH: MEASURES- COUNTING, ADDING, SUBTRACTION
SVE pe
The concepts of halves, thirds, fourths, household measure.

MODERN MATH: CALENDAR, TIME AND TEMPERATURE
SVE pe

MODERN MATH: MULTIPLYING AND DIVIDING
SVE pe
Introduces simple problems. Uses number stripes, lines to aid comprehension.

MODERN MATH: NEW PHASES OF ADDITION AND SUBTRACTION
SVE pe
"Commutative principle" meaning, use of 0 in 2 and 3 place numbers.

MODERN MATH: UNDERSTANDING THE STRUCTURE OF NUMBERS
SVE pe

MODERN MATH: USING AND UNDERSTANDING 2 and 3 PLACE NUMBERS
SVE pe
"Commutative principle" test comprehension.

MODERN MATH: DIVISION FACTS - SETS
SVE ej
Repeated subtraction.

MODERN MATH: FRACTIONS
SVE ej
Word, number concepts, symbols.

MODERN MATH: GEOMETRY-SETS, RAYS, ANGLES, FIGURES
SVE ej

MODERN MATH: MULTIPLICATION FACTS - Sets
SVE pej
Meaning and patterns.

MODERN MATH: NUMBER LINE - FRACTIONS
SVE ej
Other names for whole numbers; meaning, adding, subtracting, proper, improper fractions.

MODERN MATH: WHOLE NUMBERS
SVE ej
Positive, negative numbers, commutation; association; use of symbols.

MODERN MATH: NUMBERATION - BASE 10
SVE ej
Heart of our number system; how digits are used; place values.

MODERN MATH: SETS, CONCEPTS, SYMBOLS, OPERATIONS
SVE pej
Meaning, use of sets. Related to repeated addition, identity principle.

MODERN MATH: ADDITION AND SUBTRACTION OF FRACTIONS
SVE ej
Addition, subtraction of like, unlike, mixed fractions.

MODERN MATH: ADVANCING IN GEOMETRY
SVE ej
Sets of points, rays, angles; lines (congruent parallel, etc). Angles (congruent, opposite); triangles, quadrilaterals.

MODERN MATH: FRACTION NUMERALS - CONCEPTS
SVE ej
Regions, sets, terms.

MODERN MATH: GEOMETRY
SVE ej
Perimeters, Areas, Space Figures.

MODERN MATH: GRAPHS
SVE ej
Pictographs, Bar, Line, Number Pairs, Maps Horizontal, Vertical, line segment, using maps.

MODERN MATH: MULTIPLICATION OF FRACTIONS
SVE ej
Identity principle; Distributive Property.

MODERN MATH: NUMERATION - BASE FIVE
SVE ej
Digits, place value, place holders, place value charts, the abacus, open and closed sentences; frame arithmetic.

MODERN MATH: USING MEASURES
SVE ej
Time, temperature, liquid, dry, and linear measures.

MODERN MATH: BASE SIX-ADDITION, SUBTRACTION, MULTIPLICATION, DIVISION
SVE ej
Using exponents and powers to express numbers.

MODERN MATH: BINARY (BASE TWO) - ADDITION, SUBTRACTION, MULTIPLICATION, DIVISION
SVE ej

MODERN MATH: DIVISION OF FRACTIONAL NUMBERS
SVE ej
Clear graphic examples aid in visualizing essential concepts.
MODERN MATH: GEOMETRY LINES, ANGLES, ARCS, MEASURES
SVE e
Introduces the use of the protractor.

MODERN MATH: GEOMETRY PERIMETERS, AREAS, FORMULAS
SVE e

MODERN MATH: NUMERATION - BASE SIX
SVE e
Introduces use of digits, meaning of place value, utilizes place value charts, abacus.

MODERN MATH: NUMERATION - BINARY (BASE TWO)
SVE e
Digits, Meaning of Place Value. Relationship between Base Two and Base Ten. Practical applications.

MODERN MATH: SPACE GEOMETRY-SURFACES AND VOLUMES OF SPACE FIGURES
SVE e
Many accurate three-dimensional space figures.

MODERN NETHERLANDS, BELGIUM, AND LUXEMBOURG
SVE e
Rural and city life. Fishing, farming, industries, commerce.

MODERN SCANDANAVIAN EUROPE
SVE e
Sweden, Finland, Norway, Denmark; Lands of rugged terrain, lakes, streams, and long rugged seacoasts. The sea, forests, and farmlands have dominated economic life. Similar ancestral origins, histories, and languages.

MONEYS AND OTHER SMALL ZOO ANIMALS
EBF p
Striking close-ups in brilliant color in surroundings which approximate their natural habitats.

MOONEYMOUSE
SVE p
Daydreaming leads him into trouble he almost couldn’t get out of. The Moonymouse changes.

MORE EXPERIENCES WITH MEASUREMENTS
Eyegate p
Simple presentation of the metric system and our modern calendar.

MORE SCIENCE EXPERIMENTS
SVE e
For light work, inertia, water-ice; simple do-it-yourself experiments.

MOSCOW
Eyegate e
Capital of the Soviet Union and site of the Kremlin, palace of the Czars, is the administrative center of Russia. It is the cultural center of Russia and Moscow is the center of the railroad lines to all parts of the USSR.

MOST IMPORTANT CITIES
Eyegate e
Important industrial cities are Kiev, Volgograd, Tashkent, Tula, and Magnitogorsk. Major seaports listed.

MOTHER GOOSE NURSERY RHYMES II
BOW p
Humphry Dumpty, Jack and Jill, Sing-a-Song of Sixpence, The Old Woman in the Shoe.

MOUNTAINS AND VALLEYS IN SWITZERLAND
EBF e
Striking photos describe the beauty contained in this region. Shows growth of modern European economic culture.

MR. AND MRS. BEAVER AND THEIR FAMILY
SVE p
Life cycle of one group of gnawing animals clearly explained through its seasonal activity. Building and repair of dams.

MR. AND MRS. MALLARD AND THEIR FAMILY
SVE p
Family of mallard ducks migrate, raise their ducklings, teach them to swim, find food and protect themselves.

MR. AND MRS. ROBIN AND THEIR SPRINGTIME FAMILY
SVE p

MRS. BEAR AND HER FAMILY
SVE p
Dramatizes bear problems and their solutions.

MRS. COTTONTAIL AND HER SPRING FAMILY
SVE p
A wonderful lesson to acquaint pupils with the beginnings of life in the animal kingdom.

MRS. SQUIRREL AND HER FAMILY
SVE p
Finding food and storing it for winter use. Shows how they protect themselves by “silding” a tree or “freezing” to escape detection.

MULTIPLICATION OF DECIMALS
SVE e

MULTIPLYING FRACTIONS BY FRACTIONS
Curr. e
Shows the process of (a) multiplying a whole number by a fraction, (b) multiplying fractions by whole numbers.

MUTINY ON THE BOUNTY
SVE js
Adaptation of MGM motion picture. Dramatizes classic novel of the voyage of H.M.S. Bounty and her men.

MY BUNNY
Eyegate p
Story of a child’s pet rabbit.
MY PET CANARY, DICKIE
Eyegate p
Ruth has a little canary named Dickie which she takes very good care of.

NAMES, NUMBERS AND COLORS
JH p
(5 P.S. - Order By Set)
Series designed to teach the concept of numbers one to ten and the colors red, green, yellow, blue, brown, orange, grey, black, purple, and white. Each filmstrip teaches two numbers and two colors. The basic concepts of numbers and colors are presented in terms of objects with which the learner is familiar.

NATURAL RESOURCES AND INDUSTRIES OF INDIA
Eyegate js
Indian's greatest resource is fertile soil. Coal, minerals, valuable wood, and electrical power from its many rivers are some of its many industries. Skilled trades and motion picture industry rank high.

NATURAL RESOURCES AND INDUSTRIES OF THE USSR
Eyegate js
Russia's natural resources include great oil fields, mineral deposits, lumber, fish, and their great agricultural region.

NATURAL RESOURCES OF MICHIGAN
JH ej
Forest, minerals, water and wildlife that are found throughout the state.

NATURE'S ART
PS pe
 Beauties and wonders of natural scenery. Appreciation of the natural grandeur of our country.

NATURE'S DISGUISES
PS ej
Protective coloration and camouflage in insects, birds, fish and mammals. Means of survival for prey and predators and natural selection.

NATURE'S HALF ACRE
Motivational material organized for classroom in the Disney approach to the beauty and wonder of nature.

NEEDS, SATISIFICATIONS AND GOALS
FOM s
Achieving a balance between needs and satisfaction is a process of compromise. The student learns to evaluate himself in terms of his needs and goals. Substitute ways of achieving satisfactions are studies.

NEGO RO FACES THE 20th CENTURY
MGHT ej
1900-1933, period of increased racial tension. Impact of segregation, Negro migration to northern cities, labor market and armed forces.

NEGRO FIGHTS FOR THE FOUR FREEDOMS
MGHT ej
F.D.R.'s administration, Great Depression, W.W. II. Change in opportunities for and attitudes toward the Negro. Progress for the nation and the Negro.
NIKKI, WILD DOG OF THE NORTH
EBF  pej
Adapted from Disney's motion picture, this filmstrip
offers educationally sound basic language art material.

NONPOISONOUS SNAKES OF THE U.S.
SVE  ej
Identifies some of the nonpoisonous snakes of the United
States and explains their habits and where they live.

NORMAN CONQUEST, THE
EBF  js
Authentic watercolors show events and struggles of the
episodes in British history.

NORTH, SOUTH, EAST AND WEST
JH  p
Helps build foundation for skill in map and globe
reading.

NORTHWEST INDIANS (Salish)
JH  Pe
This land of plenty provided hunting, fishing, weaving
and potlatches for the totem pole builders.

NORTHWEST TERRITORY
JH  ej
Five new states were formed after settlers used all
means of transportation to come to the Northwest
Territories after the Ordinance of 1787.

NUTRIENTS IN FOOD, THE
PSP  e
Emphasis on importance of the right foods.

OCEAN OF AIR WE LIVE IN
PS  ej
Composition of air, its weight, pressure and instru-
ments used in measuring air and pressure. Phenomena
caused by electric particles bombarding earth.

OCEANS
CP  pe
Beautiful pictures explore and define various waterways
and the oceans.

OLD STONE AGE, THE
SVE  ej
Trace the progress of man in significant eras, from
prehistoric times through the rise and fall of ancient
civilization of Europe and Mesopotamia.

OLD YELLER
EBF  ej
Color visuals taken from Disney's picture, capture
interest and make reading fun.

ONE HUNDRED AND ONE DALMATIONS
EBF  pej
Adapted from Disney's motion picture, this filmstrip
offers educationally sound basic language art materials.

ONE-TO-ONE CORRESPONDENCE BETWEEN SETS
JH  ps
Concepts include: Equal sets, one-to-one corres-
pondence equivalent sets.

OPERATIONS: COUNTING SETS IN MANY WAYS
ABC  pe

OPERATIONS: PUTTING TOGETHER AND TAKING APART
ABC  pe

OPERATIONS: UNDERSTANDING WHOLE-NUMBER
OPERATIONS
ABC  pe

ORDERING SETS AND ORDERING NUMBERS
JH  pe
Concepts include: ordering sets, ordering numbers, even
numbers, odd numbers.

OREGON TERRITORY
JH  ej
Claims to the Oregon country based on exploration and
settlement led to the acquisition of this rich land from
British control.

ORGANIZATION OF THE UNITED NATIONS
MGHT  js
Structure and responsibilities of the six organs of the
U.S. which all report to the main General Assembly.
Specific problems, power struggle and clash of interests
shown.

OTHER IMPORTANT CITIES
Eyegate  js
Agra is the ancient city, important trade center and site
of the Taj Mahal. The holy city Allahabad, Banaras,
Jaipur, Madras and other Himalayan cities are discussed.

OTHER IMPORTANT CITIES
Eyegate  ej
The Soviet Union's greatest port, Leningrad, produces
machinery, electrical goods and motors. Important
industrial cities. Yalta is a historic Crimean resort town.

OTHER WORDS THAT HELP BUILD SENTENCES
PSP  j
Insight into part of speech.

OUR DESERT TREASURE
MIS  ej
Land is useful in several important ways. Water is the
key to desert's treasure.

OUR FIRE DEPARTMENT
EBF  pe
Activities of the firemen serving the public are caught in
live action photos.

OUR HEALTH DEPARTMENT
EBF  pe
Activities of department nurses and doctors serving the
public are caught in live action photos.

OUR HOME, THE EARTH
SVE  p
Relation to sun. Causes of day and night, the seasons.
Simple concepts about gravity and direction.
OUR LIBRARY
EBF pe
Activities existing in the library are caught in live action photos.

OUR PARKS AND PLAYGROUNDS
EBF pe
Activities existing in parks and on the playgrounds are caught in live action photos.

OUR POLICE DEPARTMENT
EBF pe
Activities of the policemen serving the public are caught in live action photos.

OUR POST OFFICE
SVE p
Describes and illustrates the progress of a letter from the mailbox to its destination.

OUR POST OFFICE
EBF pe
Activities of the mailmen and postmen serving the public are caught in live action photos.

OUR TRANSPORTATION PROBLEM
Curr. Aff. ej
Motor vehicle traffic problems-increased problems of our highways and airways stressed.

PACIFIC COAST STATES - THEIR HISTORY
MGHT ej
John J. Astor's trading post in Oregon (1810) missions, Oregon Trail, seaports, Forty-niners, railroads all discussed.

PACIFIC NORTHWEST
SVE ej
Industrial and agricultural activities of western Oregon and Washington as well as natural scenic attractions.

PAKISTAN
JH ej
A glimpse into the life of the people and the characteristics of this land divided by 1000 miles.

PAN-AMERICAN HIGHWAY, THE
EBF ej
Clearly shows the vital changes introduced by modern transportation into the Andes region.

PARS
EBF js
The visual excitement and immediacy of an actual trip through this great city is brought into the classroom through these real-life photos.

PART OF THE TEAM
EBF pe
Fundamental elements of successful school relationship, with emphasis on constructive behavior and group participation, in a series of real life photos.

PARTS OF A BOOK, THE
Eyegate pe
The whys and what's of a book and what it can do for you. Brief history.

PARTS OF THE SENTENCE OR CLAUSE
EBF js
Combines drawings of people in action with sentences describing their actions, lending immediacy and focus to various grammatical situations. Common errors in sentenced composition are pointed out with illustrations of simple rules for avoiding these errors.

PEDRO, THE LITTLE AIRPLANE
EBF pe
An enjoyable learning experience in language arts and reading is offered in this filmstrip. Authentic Disney drawing and story offer an effective tool for reading motivation.

PEOPLE AND CONSUMER GOODS IN THE USSR
Eyegate js
The 200 million people of Russia have 170 different nationalities and 200 languages. Daily life and religion in various communities. Wide variety of consumer goods are becoming plentiful.

PEOPLE OF INDIA
Eyegate js
Population averages 300 persons per square mile as opposed to 50 per square mile in the U.S. Various customs, religion, costumes, and eating habits. Government trying to improve public health.

PEOPLE OF MEXICO
EBF ej
Carefully phrased questions inserted throughout this strip help students discover for themselves the problems and the progress of the Mexican people.

PEOPLE OF SOUTH AMERICA, THE
Eyegate ej
Regional study-history, present day.

PEOPLE OF WEST GERMANY
EBF ej
Striking photos describe the beauty contained in this region. Shows growth of modern European economic culture.

PEOPLE OF YUGOSLAVIA
EBF ej
Photos showing sharp contrast and basic differences of this region with the outside world.

PERSONALITY AND PHYSIQUE
FOM s
The interrelationship between physical appearance and intellectual capacities is graphically presented. The dangers of drawing conclusions about the individual from physical appearance alone is stressed. Concepts of physical and mental soundness are presented.

PERU
MGHT ej
PERU: LAND OF THE INCAS
Eyegate
Physical divisions and climate as well as people and ancient Inca culture. Economic problem.

PETER PAN
Disney filmstrip of a story designed to acquaint children with a well known character. Captions are structured to increase child's comprehension and vocabulary and add to his total learning experience.

PHILIP RANDOLPH
In his search for equal opportunities and equal pay this man opened a new era of human relations.

PHILIPPINES - FARMING AND NATURAL RESOURCES
Shows the variety of agricultural products and their effect on the economy. The Philippine mahogany industry is also depicted.

PHILIPPINES - VILLAGE AND CITY
Depicts cultural groups, recreation, housing, education and types of villages.

PIZZA FRUIT
Babs and Steve arrive at a farm and as city children they see many fascinating aspects of farm life and experience some of the delights of life in the country.

PICTURE STORIES OF KNIGHTS AND CASTLES
Castles of the Middle ages depicting social and everyday life. Knights and their armor.

PICTURES AND STATUES
The eye becomes sensitized and the imagination stimulated to an appreciation of art. Form and color.

PINOCCHIO
A reading readiness experience to help children toward more effective communication and imaginative use of language. Disney's filmstrip also adds to the children's cultural development by bringing out the importance of truth, honesty and kindness.

PIONEER LIFE IN MICHIGAN
Pioneer settlement, travel, ways of life and the lumber era.

PLAINS INDIANS (Dakotas)
The importance of the buffalo and related activities are major events in Dakota life.

PLANT EXPERIMENTS
Simple touch-and-tell experiments demonstrate easily understood scientific facts.

PLANTS
A variety of plants from flowers to vegetables and trees shows children differences and uses of growing things.

PLANTS AND STRANGE ANIMALS OF THE SEA
Emphasizes forms and habits of these animals, relation to their environment, and importance to man.

PLANTS AND THEIR SEEDS
Motivational material organized for classroom in the Disney approach to the beauty and wonder of nature.

PLAYING COMMUNITY HELPERS
Contribution to oral language development by building and extending word meaning and usage and by reviewing and extending concepts.

PLURAL POSSESSIVE, AND COMPOUND WORDS
The filmstrips are designed for the practice, review and application of phonic skills. Art work, appealing to young children, develops and reinforces the recognition of consonants sounds.

PO VALLEY AND THE ALPS
Photos showing sharp contrasts and basic differences of this region with the outside world.

POCAHONTAS
Life story of the famous Indian princess.

POISONOUS SNAKES OF THE U.S.
Identifies some of the poisonous snakes of the United States and explains their habits and where they live.

POLICEMEN AND FIREMEN
The responsibilities and types of policemen and services are presented first. The dangerous job of the firemen and firefighting techniques are shown also.

POLLYANNA
Color visuals taken from Disney's pictures, capture interest and make reading fun.
PORT OF NEW YORK
Life js
Historical background and modern facilities of America's major seaport. Center of shipping for industry, manufactured items, agricultural products, and military personnel and equipment.

PORTUGAL
EBF ej
General description of the people and land.

PRAYING MANTIS, THE
SVE ejs
Describes physical make-up. Photos showing the insect capturing, devouring a fly. Egg laying.

PRESENTING THE QUOTATION MARKS
PSP j
Defines and explores quotation marks.

PRIMATES-MONKEYS AND THEIR RELATIVES
SVE ej
Includes apes, monkeys, tarsiers, and lemurs.

PRINCESS ON THE PEA
JH P
A pea was placed under many mattresses to test if a young girl really was a Princess. Because she felt this vegetable she proved herself and married the Prince.

PROBLEM SOLVING
Eyegate P
A thought provoking presentation designed to stimulate thinking and problem solving skills.

PROBLEM SOLVING: MEETING PROBLEMS
ABC pe

PROBLEM SOLVING: SOLVING PROBLEMS

PROBLEM SOLVING: THINKING ABOUT PROBLEMS

PROGRESS REPORT: THE REPUBLIC OF SOUTH AMERICA
AVA js
Reorganization of African life, customs and commerce concentrating particularly on South Africa.

PRONOUNCING WORDS CORRECTLY
ABC pe
Identifies key words, vowel, and consonant symbols.

PULLEYS
JH P
Views real life situations, thus enabling children to recognize everyday objects as forms of simple machinery.

PULLEYS AT WORK
JH ej
Definition of fixed and movable pulleys and application of block-and-tackle system.

PULLEYS MAKE WORK EASIER
PSP ej
Examples of various pulley uses, methods, etc.

PUNCTUATING DIRECT QUOTATIONS
JH js
Develops understanding of correct usage of punctuation involving direct quotations.

PURITAN REVOLUTION
EBF js
Authentic watercolors show events and struggles of the episodes in British history.

PUTTING DICTIONARY SKILLS TO WORK
ABC ej
Concrete examples of using dictionary skills in composition and rhetoric.

QUALITIES-SETS AND NUMBERS
JH pe
Concepts include: set equality, set inequality, greater than, less than.

QUOTATION MARKS AND ITALICS
MGHT ej
Correct usage of these punctuation forms in a variety of situations.

RABBIT THAT RUNS ON SNOWSHOES
Hilf. ejs
Live photos depict way of life and problems of living of the snowshoe hare also known as the varying hare. Fine nature study presentation.

RACKETY RABBIT AND THE RUNAWAY EASTER EGGS
SVE p
How Rackety gives himself for Easter instead of an Easter basket.

RALPH BUNCHE
FA ej
A success story of a highly educated man who served his country, the United Nations, and was awarded the Nobel Prize.

RAPUNZEL
JH P
A lovely girl, being kept prisoner in a tower by a witch, is finally rescued by a Prince.

RECOGNIZING CLAUSES
EBF js
Combines drawings of people in action with sentences describing their actions, lending immediacy and focus to various grammatical situations. Common errors in sentenced composition are pointed out with illustrations of simple rules for avoiding these errors.

RECOGNIZING PHRASES
EBF js
Combines drawings of people in action with sentences describing their actions, lending immediacy and focus to various grammatical situations. Common errors in sentenced composition are pointed out with illustrations of simple rules for avoiding these errors.
RECOGNITION PHASES
Eyegate  pe
Everyday life-like situations for visual stimulation. No captions.

RECONSTRUCTION PERIOD, THE
EBF  js
Authentic information and realistic paintings give the students a deep and lasting appreciation of this great and tragic era in our nation’s past.

REFLEXIVE, RELATIVE, AND INTERROGATIVE PRONOUNS
EBF  js
Combines drawings of people in action with sentences describing their actions, lending immediacy and focus to various grammatical situations. Common errors in sentenced composition are pointed out with illustrations of simple rules for avoiding these errors.

RELIGION, EDUCATION, LITERATURE & ART IN INDIA
Eyegate  js
Religion is a major part of life in India. Explains caste system, gods and belief of Hindus, Moslems, Christians and Parsees. Limited presentation of education and art.

REPTILES
SVE (ives)  pe
Types, living habits and reproduction of snakes, and other reptiles.

RESOURCES AND MANUFACTURING INDUSTRIES IN THE SOUTH
SVE  ej
Population and area in figures and percentages. Variety of natural resources; hydroelectric power from TVA dams; the “New South.”

RHINE RIVER
EBF  ejs
Striking photos describe the beauty contained in this region. Shows growth of modern European economic culture.

RHONE VALLEY IN FRANCE
EBF  ejs
Photos showing sharp contrasts and basic differences of this region with the outside world.

RHYMING ENDINGS
JH  p
The filmstrips are designed for the practice, review and application of phonic skills. Art work, appealing to young children, develops and reinforces the recognition of consonant sounds.

RISE OF CHINESE CIVILIZATION
EBF  js
Authentically detailed drawings relate the intriguing story of how man started living and working together in organized communities which grew into the world’s major civilizations.

RISE OF CIVILIZATION IN INDIA
EBF  js
Authentically detailed drawings relate the intriguing story of how man started living and working together in organized communities which grew into the world’s major civilizations.

RISE OF EGYPTIAN CIVILIZATION
EBF  js
Authentically detailed drawings relate the intriguing story of how man started living and working together in organized communities which grew into the world’s major civilizations.

RISE OF MESOPOTAMIAN CIVILIZATION
EBF  js
Authentically detailed drawings relate the intriguing story of how man started living and working together in organized communities which grew into the world’s major civilizations.

RISE OF SETTLED VILLAGE LIFE
EBF  js
Authentically detailed drawings relate the intriguing story of how man started living and working together in organized communities which grew into the world’s major civilizations.

RISE OF THE DINOSAURS
EBF  ejs
A visit to a museum and a laboratory illustrates evolutionary development. Complex terms and time cycles are carefully spelled out and charted with diagrams and text.

RIVER CULTURES - EGYPT
SVE  ejs
Progress of Man in significant eras, prehistoric through rise and fall of Egypt and Mesopotamia. Emphasizes social, economic and cultural contributions.

RIVER CULTURES - MESOPOTAMIA
SVE  ejs
Progress of Man in significant eras, prehistoric through rise and fall of Egypt and Mesopotamia. Emphasizes social, economic and cultural contributions.

ROAD TO APPOMATTOX, THE
EBF  js
Authentic information and realistic paintings give the students a deep and lasting appreciation of this great and tragic era in our nation’s past.

ROAD TO THE LAND OF OZ, THE
FOM  pe
An introduction to Lyman Frank Baum’s classic yet timeless tale. All of the principal characters are introduced.

ROAD WEST
MGHT  js
From daring frontiersmen and first Appalachian settlers to far West expansion. Transcontinental railroad and Gold Rush.
ROB ROY
EBF ej
Introduction for student to a great literary work; an aid to whet their desire to read this story.

ROBIN HOOD
EBF ej
Introduction for student to a great literary work; an aid to whet their desire to read this story.

RODENTS
SVE ej
The gnawing animals which includes the runners, tree dwellers, swamp dwellers, and those that live underground.

ROGIE'S NEIGHBORHOOD
EBF pe
The concept of a neighborhood is defined here visually as the interdependence of individuals and families and their different ways of life.

ROMAN EMPIRE
SVE ejs
Development of Greek and Roman civilizations. How their culture influences our own civilization. Impressive photos, original art, maps.

ROMAN REPUBLIC
SVE ejs
Development of Greek and Roman civilizations. How their culture influences our own civilization. Impressve photos, maps.

ROME: THE CITY
EBF js
The visual excitement and immediacy of an actual trip through this great city is brought into the classroom through these real-life photos.

RURAL BELGIUM
EBF ejs
Striking photos describe the beauty contained in this region. Shows growth of modern European economic culture.

RURAL LIFE IN TAIWAN
JH ej
The exotic products and peoples of a subtropical agricultural land.

SAFE & SOUND ALONG THE WAY
SVE p
Introduces traffic safety practices for pedestrians, vehicle passengers, bicycle riders.

SAFE & SOUND AT HOME
SVE p
Motivates interest in the practice of safety in the home by describing hazardous conditions to be avoided.

SAFE AND SOUND AT SCHOOL
SVE p
Creates awareness of need for safety practices at school.

ST. LAWRENCE SEAWAY SERIES
JH ej
(3 F.S. - Order By Set)
Presents the history of the Seaway, explains why it was needed and shows the operation and economic effects of the Seaway and the power project.
1. Historical Background of The Seaway
2. Seaway Travel
3. Seaway Power Project

SAM HOUSTON
EBF ej
Folklore of early days in the U.S. is presented through realistic drawings that capture the spirit of this daring and adventurous pioneer.

SCHOOL HELPERS
EBF p
Fundamental elements of successful school relationship with emphasis on constructive behavior and group participation.

SCHOOLS
SVE (ives) pe
Brief history of first school. Facilities of a modern school and the importance of learning.

SCIENCE EXPERIMENTS
SVE p
Demonstrating uses of air, magnets, gravity, water, sound, heat, and cold; children can perform these experiments easily.

SCIENCE OF MUSIC
PS ej
Explanation of the nature of sound and how different kinds of vibrations are generated to produce music. Constructing simple tympanic, string, and percussive instruments.

SCREWS
JH p
Views real life situations, thus enabling children to recognize everyday objects as forms of simple machines.

SCREWS AND WEDGES AT WORK
JH ej
Simple machines when used to move objects; when used as holding devices they are not simple machines.

SEAL ISLAND
EBF ej
Motivational material organized for classroom use by producer focuses on the Disney approach to the beauty and wonder of nature.

SEASONS, THE
EBF p
A well-organized filmstrip that offers first step basic physical science knowledge.

SEED PLANTS: GREEN PLANTS
CE ej
Where plants grow, similarities between plants, their uses.
SEED PLANTS: LEAVES
By real life photos and drawings, experiments are shown of leaf development.

SEED PLANTS: ROOTS
Functions of roots in plant life and experiments showing their importance.

SEED PLANTS: SEEDS
Development of plants and how the seed matures into a growing organism.

SEED PLANTS: STEMS
Importance of the stem in the life development of plants including trees.

SEEING WORDS CLEARLY
Fundamentals of vocabulary building.

SEMI-COLON AND COLON, THE
Use of the Semi-colon to separate items in a series, replace a conjunction; the colon precedes a list, a formal statement, and follows a salutation.

SET DESCRIPTION AND THE USE OF BRACES
Concepts include: set description with words and letters, the use of braces, the use of dots in a series.

SETS AND NUMBERS IN MATHEMATICAL SENTENCES
Concepts include: sets in numbers, names, the number of the empty set, mathematical sentences.

SETS: DOING MORE WORK WITH SETS
Methods of making silk screen frames, helpful techniques, color processes and designs.

SETS: MEETING SETS
Sets in numbers, names, the number of the empty set, mathematical sentences.

SETS: PUTTING SETS TO WORK
Illustrates importance of a good breakfast and other healthful hints.

SEVENTEEN DALMATIANS
Adapted from Disney's motion picture, this filmstrip offers educationally sound basic language materials.

SHARING WITH NEIGHBORS
The concept of a neighborhood is defined here visually as the interdependence of individuals and families and their different ways of life.

SHELLFISH OF THE SEASHORE
Emphasizes structure and habits of these animals, relation to environment, and importance to man.

SHERMAN'S MARCH TO THE SEA
Authentic information and realistic paintings give the students a deep and lasting appreciation of this great and tragic era in our nation's past.

SHOE MAKER AND THE ELVES
A poor but hard-working shoemaker is saved from going out of business by two elves who come during the night and make beautiful shoes for him to sell with his last piece of leather.

SHOPPING FOR GROCERIES
Shows experiences familiar to primary grade children. No captions - children create their own story.

SHORT POEMS-PART I
These poems designed to offer pupil opportunities in writing. Some examples of simple rhyme.

SHORT POEMS-PART II
Examples of poetry in everyday living with opportunities to complete rhymes.

SHOTS HEARD ROUND THE WORLD
American Revolution from Boston Massacre to Yorktown. Battlegrounds north to south, Atlantic to Mississippi.

SILENT NIGHT
Joseph Mohr wrote this beloved carol in 1818 after he visited a new born child and mother on Christmas Eve. Concludes with three verses of this carol.

SILK SCREEN PRINTING
Methods of making silk screen frames, helpful techniques, color processes and designs.

SILVFR-STUDED BELT, THE
Ricardo's dream of a silver-studded belt, a reward for bravery among Chileans, come true when he saves Pablo, his cousin from an avalanche.

SIMILARITIES
Each frame presents three like symbols and one odd symbol for perceptual recognition.

SKIMPY AND A GOOD BREAKFAST
Illustrate importance of a good breakfast and other healthful hints.

SKY ABOVE OUR EARTH
Introduces space study-rockets, satellites. Answers many common asked questions.
SLAVERY IN A HOUSE DIVIDED
MGHT ej
Slavery from 1830-1860. Negroes in the cotton fields. Abolitionist movement, freed Negroes working with white sympathizers. Issues leading to the split in the Union.

SLAVERY IN THE YOUNG AMERICAN REPUBLIC
MGHT ej
Revolutionary War to about 1830. Negro involvement, General Washington's attitude toward Negro soldiers and slaves; outstanding Negroes.

SLIDE RULE: PART I
MGHT js
The various parts and principles of the slide rule, used for rapid multiplication and division.

SLIDE RULE: PART II
MGHT js
Using the slide rule to solve proportion problems. Rules of using the slide rule in computing square roots.

SNAKES OUTSIDE OF THE U.S.
SVE ej
Includes most of the poisonous snakes and also the largest ones.

SNOW WHITE & THE SEVEN DWARFS
EBF pe
A reading readiness experience to help children toward more effective communication and imaginative use of language. Disney's filmstrip also adds to the children's cultural development by bringing out the importance of truth, honesty, and kindness.

SO LONG
SVE p
So Long, a little puppy, becomes wise through an enlightening accident.

SOUTHERN ONTARIO - ST. LAWRENCE LOWLANDS
MGHT ej
Contains two-thirds of Canada's population, seven largest cities and continental climate, these fertile flatlands manufacture 70% of Canadian goods. St. Lawrence Seaway.

SOUTHERN U.S. - IT'S HISTORY
MGHT ej
From DeSoto's discovery of the Mississippi through the Confederacy, Reconstruction and origin of Ku Klux Klan.

SOUTHWEST INDIANS (The Hopi)
JH pe
The Kiva, Kachina dolls, pottery making and basket weaving kept this pueblo group busy.

SOUTHWEST INDIANS (Navajo)
JH pe
Herders of sheep, makers of blankets and jewelry, these hogan dwellers were skillful with horses.

SOUTHWEST U.S. - IT'S HISTORY
MGHT ej
From French and Spanish settlers through the Alamo and Vicksburg to the oil fields of modern Texas.

SPACE TRAVEL A.D. 2000
SVE ej
Nature of space; facts of astronomy.

SPANISH ARMADA, THE
EBF js
Authentic watercolors show events and struggles of the episodes in British history.

SPANISH ARMADA, THE
SVE ej
From French and Spanish settlers through the Alamo and Vicksburg to the oil fields of modern Texas.

SPANISH ARMADA, THE
JH pe
Herders of sheep, makers of blankets and jewelry, these hogan dwellers were skillful with horses.

SPANNING THE MISSISSIPPI
Imprl ej
Relates the movement of the frontier from the Penn. Dutch westward through Ill. to Missouri.

SPECKYSPIDER
LFSS p
Perseverance is often the difference between success and failure. Vocabulary building exercises.

SPINKLE, SHUTTLE, AND NEEDLE
JH p
A poor orphan girl finds a rich Prince through her only possessions, a magic spindle, shuttle, and needle.

SPRING IS HERE
SVE p
Helps children recognize the signs of Spring by awakening their natural curiosity.

STATE TAXES
SVE ej
Understanding the purpose and use of state sales gasoline, auto, and special assessment tax, local property taxes and tax terms.

STORIES FOR SPECIAL DAYS
Eyegate p
Uncaptioned frames depicting many of our national holidays.
STORMS, HURRICANES AND TORNADOES

The phenomena of violent weather. Relationship of sun, air and water are shown for their effects on the weather. How man protects himself against undesirable effects of weather.

STORY FOSSILS TELL

Shows young people how to read the earth’s history in fossilized stone. Complex terms and time cycles are carefully spelled out and charted with diagrams and text.

STORY OF ABRAHAM LINCOLN, THE

Lincoln’s life from boyhood through the Presidency.

STORY OF BREAD

Harvesting wheat, making flour and bread.

STORY OF CHRISTOPHER COLUMBUS, THE

Series introduces youngsters to history of our country through famous Americans. Columbus early life, difficulties and discoveries.

STORY OF COATED ABRASIVES

Natural abrasives. Coated abrasive of three types-paper, cloth, and vulcanized fibre for use in industry and the home.

STORY OF COTTON

Plantation to bolt of cloth, cloth products.

STORY OF FRUIT AND VEGETABLES

Planting, cultivating, harvesting, shipping to market, canning, freezing.

STORY OF JOHNNY APPLESEED, THE

"With a sack of seeds, a Bible, and a cooking pot for a hat, Johnny started west." Traditional story of planting appleseeds in the Great Middle West.

STORY OF LEATHER

From ranch to shoe store - tanning, drying, manufacturing, shipping, etc.

STORY OF MEAT

Ranches, stockyards, processing-various cuts.

STORY OF MILK

The dairy farm, inspection, pasteurization, bottling, delivery to home and market.

STORY OF MOUNTAINS, THE

Mountains are produced by folding of the earth’s rock mantle, using a simple experiment with clay. Old and New Mountains; effects of erosion.

STORY OF OUR EARTH: ROCKS AND SOIL

Common types of rocks yield clues as to their formation. Simple experiments.

STORY OF OUR NATIONAL ANTHEM

Stirring words and music of "The Star Spangled Banner" written by Francis Scott Key during the War of 1812.

STORY OF RUBBER, THE

Shows the steps involved in the production of rubber in the Amazon region.

STORY OF RUBBER

Plantation; processing, making a rubber boot.

STORY OF THANKSGIVING

Story of the Pilgrim’s landing, and their first year in America with the first Thanksgiving Day re-enacted.

STORY OF WOOL

Ranching, shearing, dyeing, weaving.

STORY PRACTICES

Six series of frames, each designed to stimulate story telling experiences. No captions.

STRAW OX, THE

Adaptation of the old tar baby story where an old couple found happiness and wealth by kind deeds to animals.

STRING AND GLUE PRINTING

Material needed, preparation and actual printing.

STRIVING FOR EXCELLENCE

Talent is presented as a means, not an end, in the struggle for achievement. Quality of performance is shown both as a standard for the individual, and as a necessity for preserving our democratic heritage.

STUDYING LONG WORDS

Dr. Spello shows components or compounds that make up long words. Syllable division with extensive spelling lists.

STUDYING MONARCH BUTTERFLIES

Takes student step-by-step through a complete metamorphosis.
SUBTROPICAL COASTAL LANDS IN THE SOUTH
SVE  ej
A colorful, realistic description and explanation of differences in living from North Carolina to Key West, and from Jacksonville to New Orleans.

SUMMER COMES TO THE COUNTRY
MGHT  p
Events of spring and summer coming. Arrival of birds and butterflies, baby animals and farm work.

SUN'S FAMILY, THE
JHP  ej
Facts and statistics about the sun, moon and planets.

SWEDEN TODAY
Curr. Aff.  js
Her advances, international policies, geographic position.

SWEET PORRIDGE
JHP  pe
Familiar fairy tales friends encourage story-telling, stimulate oral and dramatic expression and help with reading readiness, providing incentives for supplementary reading.

SWINEHERD, THE
EBF  pe
"Now let's see if we can tell the story ourselves while looking at the pictures", reads the motivation text which introduces this classic story filmstrip.

SWITZERLAND
JHP  ej
The beautiful Alps, chalets, dairy products, and precision industry are part of colorful Swiss life.

SWORD AND THE ROSE, THE
EBF  ej
Color visuals taken from Disney's pictures, capture interest and make reading fun.

SYSTEMS OF EQUATIONS
MGHT  js
Linear equations with unknowns used in an explanation of algebraic principles.

SYSTEMS OF NUMERATION: A PLACE FOR HUNDREDS
ABC  pe

SYSTEMS OF NUMERATION: NUMBERS AND NUMERALS
ABC  pe

SYSTEMS OF NUMERATION: THE MEANING OF NUMERAL
ABC  pe

TALE OF A TOOTHACHE
SVE  e
Stresses nutrition, proper brushing and need for good teeth and proper care.

TALKING THROUGH THE AIR
PS  ej
Explains nature of radio waves, radio transmission, and electrons in motion. Simple classroom experiments.

TAR BABY, THE
EBF  pe
A reading readiness experience to help children toward more effective communication and imaginative use of language. Disney's filmstrip also adds to the children's cultural development by bringing out the importance of truth, honesty, and kindness.

TEACHING MACHINES
BSF  s
Basic theory of teaching machines and programmed learning - types, uses, and results.

TEST YOURSELF ON SOUNDS
SVE  p
Exercises of familiar words develop association of auditory elements.

THAILAND
JHP  ej
The land and people and their ways of life. A free tropical country with a balanced economy.

THAILAND (SIAM)
FOM  ej
The history of Thailand begins about a thousand years ago, when migrating Chinese tribes began to found a nation there. This filmstrip traces the history of Thailand, shows its resources, customs, and geography—all in an environment of startling beauty.

THANKSGIVING DAY
EBF  ej
The historical events behind this national holiday is depicted in watercolor, providing a colorful and informative background for this celebration.

THEODORE ROOSEVELT
JHP  ej
Follows Roosevelt's life from his frail boyhood through his political career up to his election as Vice-President and then President.

THINKING IN SYMBOLS
MGHT  ejs
Basic presentation concerning the meaning of numbers as symbols including simplified algebra and geometry.

THOMAS ALVA EDISON
JHP  ej
Follows Edison's life from boyhood into his later years. Points out his greater inventions including the phonograph, light bulb and motion picture.
THREE BEARS
JH p
Familiar fairy tale friends encourage story-telling, stimulate oral and dramatic expression and help with reading readiness, providing incentives for supplementary reading.

THREE BILLY GOATS GRUFF
JH p
Fairy tale encourage story-telling, stimulates oral dramatic expression, and aids in reading readiness.

THREE FARMERS IN MEXICO
EBF ej
Carefully phrased questions inserted throughout this strip help students discover for themselves the problems and progress of the Mexican people.

THREE LITTLE PIGS, THE
EBF pe
A reading readiness experience to help children to a more effective communication and imaginative use of language. Disney's filmstrip also adds to the children's cultural development by bringing out the importance of truth, honesty and kindness.

THREE SPINNERS
JH pe
Familiar fairy tale friends encourage story-telling, stimulate oral and dramatic expression and help with reading readiness, providing incentives for supplementary reading.

THRESHOLD OF EQUALITY
MGHT ej
Brief review of Negro in America, how a Negro society arose within a white world. Effects of emerging African nations, fight for equal rights, 1964 Civil Right's Bill.

THROUGH THE MICROSCOPE
PS ej
How the microscope works to make minute things visible. Shows several common materials in high magnification.

THURGOOD MARSHALL
FA ej
In his fight for civil rights, Thurgood Marshall carried his fight to the Supreme Court. He became Federal District Judge and later U.S. Solicitor General.

TINDER BOX, THE
EBF pe
"Now let's see if we can tell the story ourselves while looking at the pictures," reads the motivation text which introduces this classic story filmstrip.

TOBY TYLER WITH THE CIRCUS
EBF ej
Color visuals taken from Disney's pictures, capture interest and make reading fun.

TOLEDO, FORTRESS CITY OF SPAIN
EBF js
The visual excitement and immediacy of an actual trip through this great city is brought into the classroom through these real-life photos.

TOM SAWYER WHITENSHES THE FENCE
EBF ej
Dramatic moments of this nineteenth century classic brings life to the characters. Text and captions are in Twain's own words with a brief introduction.

TONKA: THE HORSE THAT SURVIVED CUSTER'S LAST STAND
EBF ej
A fascinating story of a well-known episode in American history.

TOOLS AND HANDICRAFTS OF THE COLONIAL FRONTIER
MGHT ej
Insight into daily life, crude tools and handmade products of pioneer families. Children were taught by parents with a hornbook, primer and the Bible.

TOOLS AND HANDICRAFTS OF THE PLAINS INDIANS
MGHT ej
Tools and products used and made by Indians from the 100 million buffalo roaming the Great Plains in the 1750's.

TORTILLA, THE
Wasp ej
Step by step directions for making this thin flat corn cake.

TOYS AT WORK
SVE p
Wheels - their work. Friction, gears, levers, and gravity.

TRANSPORTATION
SVE (Ives) ej
A detailed history of transportation from cave man to modern expressways and jets.

TRANSPORTATION AND COMMUNICATION THE USSR
Eyegate js
Large rivers of the Soviet Union and interconnecting canals make water transportation easy. Bicycles, streetcars, buses and trucks are widely used though roads have been slow developing. All forms of communication are strictly censored.

TRANSPORTATION, COMMUNICATION, ARMED FORCES & GOVERNMENT
Eyegate js
British constructed railway system gives India the best transportation system in Asia. Post offices, telephones and telegraphy publicly owned. English language paper and books predominate. Extensive military preparativeness parliamentary democracy in government.
TRANSPORTATION, COMMUNICATION, CURRENCY & BANKING
Eyegate  ej
Britain's role in developing modern modes of transportation and communication. Interesting study of British currency system.

TRANSPORTATION IN THE PAST
EBF  ej
Primitive means of transportation; stone age to present day inventions.

TREASURE ISLAND
EBF  ej
Introduction for students to a great literary work; an aid to whet their desire to read this story.

TRIP BY SHIP
LFSS  pe
The Easton family take an ocean voyage aboard a modern "Floating Hotel."

TRIUMP OF THE DINOSAURS
EBF  ej
A visit to a museum and a laboratory illustrates evolutionary development. Complex terms and time cycles are carefully spelled out and charted with diagrams and text.

TRUE SON, AMERICAN FRONTIER BOY
EBF  ej
The color and flavor of life on the frontier.

TWENTY THOUSAND LEAGUES UNDER THE SEA
EBF  ej
Color visuals taken from Disney's pictures, capture interest and make reading fun.

TWO HOUSES ON THE POTOMAC
IMPRL  ej
Examines the best-known homes associated with our nation's capital.

TWO SPANISH TOWNS
EBF  ej
Photos showing sharp contrasts and basic differences of this region with the outside world.

UGLY DUCKLING, THE
SVE  p
Grows up to be a beautiful swan.

UNDERSTANDING ENTRIES
ABC  pe
Basic vocabulary and comprehension of dictionary entries.

UNDERSTANDING OUR LATIN-AMERICAN NEIGHBORS
Eyegate  js
A visit to the Pan American Building known as "The House of the Americas" in Washington D.C., gives us insight into our good neighbor policy with the peoples to the South.

UNDERSTANDING THE PARTS OF SPEECH
ABC  ej
Understanding of parts of speech, run-in entry words review frames.

UNION OF SETS AND SUBTRACTION OF NUMBERS
JH  pe
Concepts include: set union, the addition of numbers, the use of symbols.

UNITED NATIONS AND THE END OF COLONIALISM
MIGHT  js
Since WW II many countries have asserted national and individual self-determination and freedom. Helping trust territories nature for independence without undesirable alignment with world powers in a grave responsibility.

UNITED NATIONS FAMILY OF AGENCIES, THE
MIGHT  js
A look at the many agencies within the United Nations. Shows how these organizations attempt to solve multitudinous problems bounding in all corners of the world.

UP AND DOWN
JH  p
Helps build foundation for skill in map and globe reading.

UPPER CASE CURSIVE LETTERS
SVE  pe
The letters are grouped according to common characteristics of direct and indirect ovals, cane-stem, compound curve, lower loop and boat ending. Color is used to indicate how to form letters.

USING ADJECTIVES
SVE  ej
The Classics, comparison and positions of adjectives. Aid to vivid descriptions. Classifies descriptive and limiting adjectives.

USING ADVERBS
SVE  ej
Adverbs of manner, place, time and degree; various forms and how to compare them. Words serving adverbial function.

USING BOOKS
MIGHT  ej
Various information we find in books, parts of book-title page, copyright, preface, contents, appendix, etc. Care of books.

USING MIXED NUMBERS
Curr.  e
Defines mixed number-stresses equivalence between mixed numbers and improper fractions.

USING NOUNS
SVE  ej
Nouns classified, rules for forming plurals, possessives. Properties of nouns, classification — common and proper, concrete and abstract, collective and number order.
USING PERSONAL PRONOUNS
EBF js
Combines drawings of people in action with sentences describing their action, lending immediacy and focus to various grammatical situations. Common errors in sentenced composition are pointed out with illustrations of simple rules for avoiding these errors.

USING PREPOSITIONS, INTERJECTIONS, AND CONJUNCTIONS
SVE ej
Discusses these three parts of speech together with information basic to the understanding of clauses and phrases.

USING PRONOUNS
SVE ej
Explains antecedent of the pronoun. Pronouns classified - personal, relative, interrogative, demonstrative, indefinite. Personal pronouns as to person, number, gender and case.

USING THE COMPLETE ENTRY
ABC ej
Introductory materials, different forms of words, history, how words are used, and comparison of words.

USING VERBALS
SVE ej
Using verbs as other parts of speech. Infinitives, gerunds, participles are treated.

USING VERBS
SVE ej
Difference between action and state of being verbs. Functions and forms of tenses. Explains voice and mood, transitive and intransitive verbs.

USING WHAT YOU KNOW
ABC pe
Dictionary Use. The key to the meaning and pronunciation of words.

VACATION ON THE PAMPAS
MGHT ej
Carlos uses his lariat to stop a runaway colt and stops possible injury to his sister Tina. Action takes place in an estancia in Argentina.

VALLEY REGIONS OF THE NORTHEAST
SVE ej
Goods and people moving from the Atlantic ocean to the interior takes three major routes: Hudson-Mohawk, St. Lawrence Seaway, Pennsylvania Turnpike.

VARIABLES AND COORDINATES
MGHT ejs
Mathematical word symbols help us to think quickly and communicate ideas to others. Explanations of various constants, variables, coordinates and other terms included.

VEGETABLE AND GADGET PRINTING
IMPRL pe
Methods of making a paint pad, and procedures for printing with various kinds of vegetables.

VEGETABLES FOR THE CITY
Curr. e
Preparation for growing of vegetables, soil, planting, cultivation, harvesting.

VENEZUELA
MGHT ej
Fast growing Caracas as the capital. Country of contrasts; rich and poor, modern and primitive. Farmlands of Central Highlands, poor Indian families of Andes foothills. Wealthy oil wells, iron ore deposits.

VENEZUELA: CRADLE OF LIBERTY
Eyegate js
Venezuela, or "Little Venice," its climate, people and resources.

VENEZUELA: LAND OF PROGRESS
Eyegate js
Rich in natural resources and tourists attractions. Building projects, improving roads, and housing. Composed of twenty states with beautiful Caracas as its capital.

VERB AND THE SENTENCE
PSP j
Stresses importance of the verb.

VIENNA
EBF js
The visual excitement and immediacy of an actual trip through this great city is brought into the classroom through these real-life photos.

VILLAGE LIFE IN INDIA
JH ej
Customs, homes, crafts, and cultural forces in an Indian village.

VILLAGE LIFE IN SOUTH KOREA
JH ej
The ways of life, ancient customs, and anticipated changes in an important area of the world.

VILLAGES IN FRENCH CANADA
EBF ejs
Real life photos of the quaint attractions of the French Canadian villages.

VILLAGES IN GREECE
EBF ejs
Photos showing sharp contrast and basic differences of this region with the outside world.

VISIT TO THE SHOPPING CENTER, A
MGHT p
Family goes to shopping center. They visit the grocery store and shop in its several departments. Child wanders off, father visits other stores in search of him.
VISUAL DISCRIMINATION
Eyegate p
Through a series of various letters and symbol combinations, visual perception is exercised.

VOWEL SOUNDS
JH pe
(Order By Set - 5 F.S.)
Develops and reinforces visual and auditory recognition of vowel sounds. Helps children to make the correct sound-letter associations.
Short Vowels
Long Vowels
Digraphs
Vowel Dipthongs and Vowel Influenced By R.

WALK IN THE WOODS, A
Curr. pe
Emphasize the joy and adventure of being out of doors and close to nature.

WASHINGTON'S BIRTHDAY
FSH ej
Washington’s boyhood through his administration as first President of the United States is depicted in the February 22nd holiday.

WASHINGTON'S BIRTHDAY
EBF ej
The historical events behind this national holiday is depicted in watercolor, providing a colorful and informative background for this celebration.

WATER BIRDS
EBF ej
Motivational material organized for classroom in the Disney approach to the beauty and wonder of nature.

WATER TRANSPORTATION
EBF ej
Depicts life aboard a ship and various sailing vessels.

WE HAVE YOU COVERED
SVE p
Simple, acceptable practices for control of the common cold.

WE WORK WITH PAPER & SCISSORS
EBF pe
Shows children how they can develop creative art expression by using familiar tools and materials.

WEALTHY HUDSON RIVER VALLEY
IMPR ej
From Sleepy Hollow restorations to the Roosevelts and Vanderbilts at Hyde Park.

WEATHER EXPERIMENTS
SVE p
Demonstrates common weather phenomena.

WEDGES
JH p
Views real life situations, thus enabling children to recognize everyday objects as forms of simple machines.

WESTERN PLAINS AND ROCKY MOUNTAINS
SVE ej
Introduction of contour planting. Production of farm crops, cattle, petroleum, natural gas.

WESTERN MOUNTAIN AREA, THE
MGHT ej
This presentation divides this vast area of Canada into Coastal, Interior and Eastern Mountain regions. Climate, industry, farming and cities of each region are discussed.

WESTERN U. S. - ITS HISTORY
MGHT ej
From Coronado’s explorations in the south to Pike’s explorations in the north; Mexican Cession, Homestead Act, cattle ranches, railroads, Mormon settlement.

WETBACK HOUND, THE
EBF pej
Adapted from Disney’s motion picture, this filmstrip offers educationally sound basic language materials.

WHAT IS A FRACTION?
Curr. e
The fraction 1/4 is used as an example to show numerous concepts.

WHAT IS IN THE SKY
Eyegate ej
A basic introduction to our solar system and its relation to the galaxy. Asteroids, meteors, and comets are explained.

WHAT IS MAGNETISM
JH ej
Explains the molecular and electron theories of magnetism.

WHAT IS PROFIT?
Wasp ej
Ingenuity in a primitive culture made it possible for all people to profit by work assignments.

WHAT IS WIND?
JH p
Helps children to develop good thinking habits and a proper scientific attitude toward problem solving through experimentation and demonstrations.

WHAT THE BANK DOES WITH ANDY’S MONEY
Wasp ej
Andy earns interest on his deposit as a result of an industrial loan by the bank.

WHAT TO DO WITH A SUMMER
FOM s
Summer need not be “time-off” from the growth process. Planning for the wise use of free time through work and play experience is taught.

WHEAT BELT
SVE ej
Complete story of wheat. Latest machinery, harvesting and grain elevators. Weather features. Difference between spring and winter wheat.
WHEAT FARMERS IN WESTERN CANADA
EBF ejs
Real life photos of dairy and wheat farming in Quebec.

WHEELS AND AXLES AT WORK
JH ej
Resistance can be overcome with little force. Ability to move objects depends on many factors.

WHEN YOU GO TO WORK
FOM s
Preparation for the world of work. Various job areas are examined and the requirements of each outlined. Means of obtaining further retraining for specific jobs are presented.

WHERE EAST AND WEST MEET
SVE ej
Different agricultural landscapes on the Atlantic Coastal Plain, the Piedmont, the Appalachian Mountains, Chesapeake Bay area.

WHERE PEOPLE LIVE & WORK
SVE ej
Density and distribution of population, various occupations, and ways of living are shown in several regions.

WHY AND HOW THE COW MAKES MILK
Wasp pe
Care and feeding of dairy animals and their products.

WHY DO WE HAVE DAY AND NIGHT
FSH pe
Turning a basketball to demonstrate rotation of earth—why sun appears to move; meaning of sunrise and sunset.

WHY DOES IT RAIN?
FSH pe
Discovering that water evaporates into the air from steaming kettle, pool, plants, wash on a line; condensing vapor from kettle on cold plate to make raindrops.

WHY WE USE MONEY
Wasp ej
Limitations of barter system. The division of labor; necessity, for paper money of large denominations and checks.

WILD BILL HICKOK
EBF ej
Folklore of early days in the U.S. is presented through realistic drawings that capture the spirit of this daring and adventurous pioneer.

WINTER COMES TO THE COUNTRY
MIGHT p
Changes in animals in preparation for winter. Some change color, some store food, some hibernate.

WINTER DAYS (ESKIMOS OF ALASKA)
Curr. pej
Depicts life of the Eskimos in winter habitats, clothing, work, etc.

WINTER IS HERE
SVE p
Helps children recognize the signs of Winter by awaking their natural curiosity.

WOLF AND THE SEVEN KIDS
JH p
The kids who have been tricked and then eaten by the wolf are rescued by their mother who replaces them with stones while the wolf sleeps.

WONDERFUL WORLD OF THE BROTHERS GRIMM, THE
SVE ejs
Adaptation of MGM motion picture about two brothers who contributed much to the world of children's literature.

WONDERS OF CRYSTALS
MIS ejs
Beautiful crystal specimens provide the evidence of molecular structure. Characteristic shapes are determined by molecular forces.

WONDERS OF SNOW
MIS ejs
Uses of snow and microscopic view of snow crystals.

WOODLAND INDIANS (Iroquois)
JH pe
The Iroquois, a typical woodland group, are presented as they lived in the early days before the influence of European civilization.

WORK, FRICTION AND MACHINES
JH ej
Definition of work measurement, overcoming friction, rolling or fluid friction.

WORKING WITH MAGNETS
Eyegate p
Series of photos show children in their experiences with magnetism. Concludes with uses of a compass.

WORKING WITH PAINTS
EBF pej
How-to-do-it close-up of student's hands working with paints. Shows young children how to make the most common materials and simple tools.

WORKING WITH WAX CRAYON
EBF pej
How-to-do-it close-up of student's hands working with crayons. Shows young children how to make the most common materials and simple tools.

WORLD OF LIVING THINGS
SVE p
How living things grow, homes of living things, how animals and plants protect themselves. Differences in two main groups of animals.
WORRIED ABOUT COLLEGE?
FOM s
A review of how colleges select individuals for admission relieves fear and tension, and prepares the student for his attempt to enroll in the college of his choice. Personal and academic qualifications are discussed.

WRIGHT BROTHERS
JH ej
Points out events leading up to the invention of the airplane. Shows the planning leading up to the first flight and also the problems of selling their invention to the public.

YOU AND YOUR FOOD
YAF pe
Importance of nutrition, the "basic seven" and water to the human body.

YOU AND YOUR GUIDANCE COUNSELOR
FOM s
The interrelationship of guidance and the total school program and the advantages of seeking the guidance counselor's aid in educational, vocational and social areas are delineated in this filmstrip.

YOU CAN FIND WORDS EASILY
SVE ps
Introduces the learner to the general format of the dictionary.

YOUR BONES AND MUSCLES
JH p
Care of bones and muscles stressed.

YOUR DAILY BREAD
ABAK ps
Bread from the field to your table - growing wheat, baking process, and nutritional value.

YOUR EYES AND EARS ARE GOOD HELPERS
SVE p
Two sounds of th.

YOUR FOOD AND DIGESTION
JH p
Stresses care in selecting food-eating habits.

YOUR SEARCH FOR SELF
FOM s
All of us are engaged in a search for self by examination and evaluation of ourselves, and by observing the reaction of others to us, we learn to succeed in the search.

YOUR TEETH AND THEIR CARE
JH p
Deals with care of teeth, purpose and function.

YOU'RE ON PARADE
SVE pe
Importance of neatness and cleanliness for good grooming.

ZOO SnAKES AND THEIR RELATIVES
EBF pe
Striking close-ups in brilliant color in surroundings which approximate their natural habitats.
Sound Filmstrips

Filmstrips with one or more records or tapes are packaged together as a unit or set. The annotated list of sound filmstrips gives the essential information about each set group. "T" on title indicates series has tapes. The initial title of a series or set of filmstrips is to be found in UPPER CASE letters. PLEASE USE THIS TITLE WHEN ORDERING. Additional titles in any set are listed in upper and lower case letters. If you desire to order any title in a given set please use initial title of series in upper case letters.

Grade Levels:  p-Primary (Gr K-3)  e-Elementary (Gr 4-6)  j-Junior High (Gr 7-9)  h-High School (Gr 10-12)

ALL ABOUT MILK
LFSS  p
Shows how a group of seven and eight year old children experience science through first-hand study trips and experimentation.

BASIC THEORY OF HEAT and Conversion of Heat to Useful Work
SVE  s
1. What heat is, measurement in everyday terms; absolute "Kelvin scale."
2. Newest methods aimed at greatest thermal efficiency and power.

BEAUTY AND THE BEAST and Frog Prince  T
Eyegate  p

BEE BUSINESS
FSS  ej
A moving study of bee talk, honey production, nailing time, and the activities of queens, workers, and drones.

BEGINNINGS OF DEMOCRACY AND GOVERNMENT and Dawn of Democracy in Ancient Greece  T
Eyegate  ej
Traces man's gradual development in making and executing laws. Stepping-stones of Democracy are clearly defined from primitive societies. Explores the early struggles over laws, regulation and gives insight into the working of the government.

BENJAMIN BANNEKER and Robert Smalls
SVE  ej
1. First American Negro to become a national figure in his life time. Mathematician, astronomer, publisher, inventor. As a surveyor, he helped to plan Washington D.C.
2. Slave who captured the prize ship of the Confederate Navy for Union forces and went on to serve as legislator from South Carolina.

BIGGEST BEAR and Andy and The Lion
WW  p
1. Johnny hunts for the biggest bear in the forest and comes home with a little bear that grows and grows.
2. Andy aids a lion in distress, then has his friendship repaid when the loyal lion helps Andy become a hero on circus day.

BIKE BEHAVIOR
CAFM  ej
Sad consequences of stunt riding, disobeying traffic signals, and other unsafe bicycle practices.

BLUEBERRIES FOR SAL and Play With Me
WW  p
1. The common needs of man and beast are portrayed through the characters of a little girl and a little bear.
2. The enjoyment found sitting pretty patiently in the woods where friendly animals almost come to playmates.

BOY, THE and Bike Behavior
SVE  p
1. Incident from Lincoln's boyhood tells how stepmother wins a lonely boy's heart.
2. Importance of obeying safety rules of the road.

BOY WHO CRIED WOLF
Wasp  pe
The moral of, after a lie has been told nobody believes the truth, is illustrated by the shepherd boy's false reports.

BRUNO MUNARI'S - ABC and See and Say
WW  p
1. From an ant to a fly going "Zzz" children are taken through a stunning graphic display of an imaginative alphabet.
2. Colored woodcuts picture familiar objects and name each in English, Italian, French and Spanish.

CAPS FOR SALE and Little Toot
WW  p
1. A charming tale of the peddler whose stolen caps mean all kind of monkey business.
2. Little Toot, an object of scorn for playing games until - he alone rescues an ocean liner in trouble.

CHANTICLEER AND THE FOX and Finders Keepers
WW  p
1. From Canterbury Tales, the fable of the vain cock and the shrewd fox is retold with a medieval farm scene.
2. Two squabbling pups soon learn a lesson in sharing when confronted by a bigger threat.
CHARACTERISTICS OF SEAWATER and Currents, Waves and Tides
SVE js
1. Chemical, physical properties.
2. Explanation of tide pulls, currents.

CHOO-CHOO, THE LITTLE SWITCH and Our Auto Trip
SVE p
1. Sometimes it takes two to get the "Steamliners" passengers to the station on time.
2. To the country and Grandfather's house - many things to see.

CHRISTMAS AROUND THE WORLD
SVE ej
Celebrate the holiday season in the customs and traditions of American, European and Asiatic countries.

CHRISTMAS CAROL
SVE ej
Tiny Tim, Scrooge, Bob Cratchit spring to life in this captivating adaptation of Dicken's unforgettable Christmas fantasy. Memorable account of Scrooge's miraculous transformation after his night with the Three Spirits of Christmas.

CHRISTMAS DONKEY
SVE pe
A charming story of a small lazy donkey chosen by Mary and Joseph for their journey.

CHRISTMAS IN ENGLAND AND NORWAY
SVE ejs
Christmas customs and traditions in these countries through glimpses of family life and festive public scenes.

CHRISTMAS IN GERMANY AND MEXICO
SVE ejs
Christmas customs and traditions in these countries through glimpses of family life and festive public scenes.

CHRISTMAS STORY, THE
CAFM pej
The story of Christmas as told in the gospels.

CHRISTMAS IN THE ARTS
SVE ejs
Art masterpieces with traditional Christmas scores and carols.

CIVIL WAR
Wasp ejs
Each song is introduced by a background story explaining why it was so popular and significant at its particular time in history.

COMMUNISM AND ECONOMICS and Communism and Human Rights
SVE js
1. Controlled economy vs. free enterprise. Contrasts US and Soviet industry, progress, unions, fine arts.

COMMUNISM: YEARS OF STRUGGLE and Communism: The Cold War
SVE js
1. Early years of economic hardship, collectivization of agriculture, industrialization. Stalin regime and purge trials of thirties.
2. Cold War relations between Russia and US postwar to Vietnam. Policy shifts, "thaws" struggle between USSR and Red China.

COMMUNIST PARTY and American Cold War
SVE js
1. How Party worked, national and local levels toward world domination. Contrasts the Party with role of political parties in US.
2. Emphasizes how Communism's spread threatens our way of life and what we can and must do about it.

CROW AND THE PITCHER
Wasp pe
The moral of, if you lack strength use skill, is illustrated by a thirsty crow.

DAEDALUS AND ICARUS and Damocles, The Sword of Damocles
Eyegate ejs
Some of the oldest and most ingenious of stories in Western literature. Although originated mostly by the Greeks, the Romans adopted these story ideas as their own, since they attempted to explain mysterious things of the universe.

DAMON AND PYTHIAS and Jason and The Golden Fleece
Eyegate ejs
Some of the oldest and most ingenious of stories in Western literature. Although originated mostly by the Greeks, the Romans adopted these story ideas as their own, since they attempted to explain mysterious things of the universe.

DANIEL BOONE'S WILDERNESS TRAIL and Rivers and Roads To The Mississippi
SVE ej
Wilderness Road and Fort Boonesboro.

DANNY AND THE DINOSAUR and Wheel on the Chimney
WW p
1. After meeting a dinosaur at the museum, Danny and his friend have an interesting outing in a large city.
2. A tale of two storks who raise their young in Hungary and winter in Africa.

DEMOCRACY AT WORK-HOW A BILL BECOMES A LAW and The Right and Duties of Citizens
Eyegate ejs
Traces man's gradual development in making and executing laws. Stepping-stones of Democracy are clearly defined from primitive societies. Explores the early struggles over laws and regulation and gives insight into the working of the government.
DEVELOPING BASIC VALUES
SVE pe
Moral and ethical values in daily living, respect for property, rights of others.
Respect For Property—Right to win property without fear of theft or damage. Daily examples.
Consideration For Others—School made more pleasant with a helping hand and consideration.
Acceptance Of Differences—Lives of great men with various backgrounds, religions, nationalities. Daily examples: poor girls, shy, sickly boy, "dumb bell."
Recognition Of Responsibilities—To the group, to your own body knowing truth before repeating it.

DEVELOPMENT OF THE AMERICAN SHORT STORY
SVE js
Early Development—Fantasy and Humor—Irving; emotions and attitudes—Hawthorne; horror, supernatural, and detective—Poe. Describes worlds early short stories portray.
Late 19th Early 20th Century Development—Regional interest, Realism, individual emotions, attitudes, sympathy for common man.
Modern Development—Satire, Realism, Psychological approach, impact and importance of magazines, and paperbacks.
Interpretation And Evaluation Of The Short Story—Emphasis on plot, character analysis, setting and mood, author's purpose and portrayal of life.

DISCOVERY OF AMERICA and Exploration Of America
SVE ejs
1. Trials of Columbus in his efforts to find a route to the Indies. His career from earliest voyage to death.
2. Explorations of Cabot, Balboa, Magellan and others, how their courage made colonization possible.

DUTCH, ENGLISH, FRENCH & SPANISH COLONISTS and Prelude To Independence
SVE ejs
1. Settlers of different origin laid ground for colonization in California, New Amsterdam, Pennsylvania, etc.
2. Great events leading to the birth of a strong, new nation.

EARLY COLONY DAYS
Wasp ejs
Each song is introduced by a background story explaining why it was so popular and significant at its particular time in history.

EASTER CUSTOMS
SVE pe
Easter Around The World— Easter celebrations in many countries and the Fifth Ave. Easter Parade in New York. How We Got Our Easter Customs—Traces interesting origins of some secular Easter customs i.e. Easter parade, Easter eggs.

EFFECTS OF HEAT and Heat As Radiant Energy
SVE s
1. Freezing and melting points in crystalline and non-crystalline substances.
2. Heat waves as a part of the electromagnetic wave spectrum, how focused, transmitted, reflected or absorbed; the snooper-scope.

EGYPT, LAND OF THE NILE and Early Nations Of Asia
T Eyegate ej
Man's age-long quest for freedom had its beginning in famed old world civilizations. We recaptured the achievements of the past and show how we adapted "Old World" ideas and procedures into our structure of government.

ELEMENTARY FRENCH FOR YOUNG AMERICANS
SVE ej
Dans LaSalle De Classe (In the Class Room)
Aprés L'École (After School)
En Famille (With the Family)
À La Maison (At Home)
Le Matin (In The Morning)
La Fete De Pierre (Pierre's Birthday Party)

EQUAL OPPORTUNITIES IN SPACE SCIENCE
UCLA js
The story of sub-orbital and orbital flights, space capsules, and opportunities that are available for those who are educated.
Equal Opportunities In Space Science—Part I
Equal Opportunities In Space Science—Part II

EXPLORING THE MYTHS OF PREJUDICE
Wasp ejs
Explores the nature of prejudice, culture, racial characteristics, and basic anthropology in light of science and history.

FIRST SETTLERS and Pilgrims And Puritans
SVE ejs
1. Adventures of the French on the frontier, Jamestown colonists and others who braved life in a New World.
2. How they fled to America seeking religious freedom, bringing faith and courage to the New World.

FIRST TRAIL INTO THE WEST and Mountain Men
SVE ej
Pikes expedition Westward migration pathways.

FIVE CHINESE BROTHERS and Jenny's Birthday Book
WW p
1. Five identical-looking brothers outwit the townspeople and save themselves from tragic demise.
2. A kitten birthday celebrated with her friends at the park.

FOCUS ON CHANGE
NEA For PTA and Teacher Training. A new look at the important needs of students, teachers, curriculum, and facilities and their more efficacious use.

FOUNDING OF AMERICAN DEMOCRACY and Steps In The Rise of American Democracy
T Eyegate ejs
Traces man's gradual development in making and executing laws. Stepping-stones of Democracy are clearly defined from primitive societies. Explores the early struggles over laws and regulation and gives an insight into the working of the government.
FREDERICK A. DOUGLASS and Harriet Tubman
SVE  e)
1. Publisher, US Marshall, 1st nationally recognized Negro orator and Minister to Haiti.
2. Respectfully called "Black Moses" and "Conductor" of the Underground railroad to freedom.

FRIENDLY BEASTS AT JESUS' MANGER
SVE  p
According to legend, each animal at the Nativity relates his contribution to welcome the coming of Christ.

FROG WENT-A-COURTING and The Big Snow
WW  p
1. An ancient ballad updated immemorializes the wedding of Miss Mousie and Mr. Frog and their wedding guests.
2. A kindly old couple rescue birds, rabbits and deer threatened by a winter storm.

FUNDAMENTALS OF ECONOMICS-I
Eyegate  e)
What Is Economics? Introduction to complexity that makes consumer products possible for manufacturer to consumer.
Money-Limitations of bartering, our monetary system; comparative monetary valuations.
Taxes-Federal and state objectives, income tax, and tax evasion.
Banks and Banking-Banking services, interest rates, mortgages, and savings banks, F.D.I.C.

FUNDAMENTALS OF ECONOMICS-II
Eyegate  e)
Business Organizations-Industrial banking, business requirements, partnerships, corporations, and financing.
Labor and Labor Unions-Objectives of unionism, management views of labor, advantages and disadvantages of a strike.
Credit Buying- Laws of supply and demand, impulse buying advantages and disadvantages of credit buying.

GOOD DAY IN THE SECOND GRADE
Long  p
An A.C.R. production gives a quick overview of a post office unit and how opportunities are provided to satisfy the normal drives of learning.

GRANDFATHER'S BOYHOOD THANKSGIVING
SVE  e)
A nostalgic return to the "good" old days. Grandfather recalls Thanksgiving in the early 1900's.

GRASSHOPPER AND THE ANTS
Wasp  pe
The grasshopper chooses to play rather than work. The ants save the grasshopper from starvation when winter comes.

HAPPY OWLS and Three Robbers and Norman the Doorman
WW  p
1. The Wise legend of two owls who tell the constantly quarreling barnyard fowl why they are happy.
2. Three fierce robbers terrify the countryside until they meet the little girl Tiffany who helps them turn their gold to good use.
3. A mouse trap sculpture submitted by Norman, a mouse guard, shows charm and resourcefulness.

GRANDEUR THAT WAS ROME and Glory That Was Greece
T

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IMMIGRATION AND INDUSTRIALIZATION
Wasp  e)
Each song is introduced by a background story explaining why it was so popular and significant at its particular time in history.

IN SEARCH OF GOLD
Wasp  e)
Each song is introduced by a background story explaining why it was so popular and significant at its particular time in history.
IN THE FOREST and Curious George Rides A Bike

WW p

1. A small boy jaunts through the forest joined by a succession of animal friends who parade, picnic and play with him.
2. The adventures of the monkey who makes mischief a habit.

INDIANS FOR THANKSGIVING

SVE pe

Two pilgrim girls befriend the son of an Indian Chief and avert an attack on the settlement.

INSTRUMENTS OF THE SYMPHONY ORCHESTRA

JH ejs

Correlated voice and musical recordings help students develop skill in both audio and visual recognition of instruments.

1. String Instruments
2. Woodwind Instruments
3. Brass Instruments
4. Percussion Instruments
5. Melodious Percussion Instruments
6. The Orchestra

INTO THE SOUTHWEST and Oregon Country

SVE ej

1. Pike's expedition to Santa Fe: A mule caravan.
2. Capt. Gray discovers the Columbia River; Mormon migration.

INTRODUCTIONS TO OUR EARTH AND SUN

SVE ej


Earth's Blanket of Air-Air is everything - in soil, water, living things. Effects of earth's air blanket on life.

How Earth's Movements Affects Us-Effects of distance from the sun, rotation, revolution, and tilted position.

JOHNNY, THE FIREMAN and Buddy, The Little Taxi

SVE p

1. Johnny thrills to ride on a fire engine.
2. It's a little bit of a surprise to see Buddy become a pickup truck.

KING MIDAS AND THE GOLDEN TOUCH and Pandora And The Gift Of The Gods T

Eyegate ejs

Some of the oldest and most ingenious of stories in Western literature. Although originated mostly in the Greeks, the Romans adopted these story ideas as their own, since they attempted to explain mysterious things of the universe.

LEARNING ABOUT THE SEASONS

SVE p

A Walk In The Rain-Children walk with mother and see how spring rain gives a drink to all living things.

Going On a Picnic-Land and Bobby picnic in the country with their parents and enjoy the beauty of the summertime world.

When Autumn Comes-Children catch falling leaves, see birds fly south, gather pumpkins.

Getting Ready For Winter-After Kathy gets her winter coat, Daddy shows how birds, squirrels, and flowers get ready for winter.

LEGACY OF THE CIVIL WAR

Eyegate js

The Rise of Southern Nationalism Before The Civil War-The South before 1860, stratified class systems, Calhoun's Doctrine.

The Civil War Considered As a Revolution-Magnitude of events between 1861 and 1865, slave holding classes broken, rise in Northern industrialization.

Presidential vs Congressional Reconstruction-Conflict of interests, the Northern radicals, the Fourteenth Amendment, separate-but-equal doctrine.

Civil Rights: The Legacy Of The Civil War-Share cropping problems of segregation, integration in the South, equality and change.

LENTIL and The Camel Who Took A Walk

WW p

1. Delightful vignettes of a boy and his harmonica who save the day in a typical American town.
2. Suspense and a surprise ending climax a dangerous episode of an unsuspecting camel.

LEWES AND CLARK EXPEDITION! "I" and Lewis and Clark Expedition "II"

SVE ej

1. Traces the two and a half years of expedition; Story of Sacajawea.
2. Purpose of trip, accomplishments, return to St. Louis.

LIFE BEGINS SERIES(Secondary) (Preview Before Using)

Eyegate js

Reproduction In The Flower-Concentrates on the structure and function of the reproductive parts of the flower. Background material on general cell reproduction. Concept that all living things reproduce in the same manner.

Human Reproduction-Human reproductive system in detail. Body changes in puberty, similarities with plant reproductive structures and functions are brought out. Heredity, fertilization, pregnancy, birth and general family relations are discussed.

LIFE OF THE OPEN SEAS and Life Of The Sea Floor And Shore

SVE js

1. Tapped the ocean's food resources.
2. Plants and animals of coral reefs, shores, depths.

LION AND THE MOUSE

Wasp pe

The moral of kindness is never lost. The lion spares the mouse who later frees him.
LISTEN—THERE ARE SOUNDS AROUND YOU
Guidance Assoc. (Head Start—Primary)
A fascinating variety of visual and auditory patterns with which the child can become involved. Natural and man-made sounds, urban and rural have been carefully selected.

LITTLE CLOUD and Game Of Might-Have-Been
SVE p
1. Joy of sharing and helping others as cloud gives of himself as gentle rain.
2. Fun of wishful thinking, and necessity of accepting things as they really are.

LITTLE LOST ANGEL
SVE p
A little angel comes to earth to visit the Christ Child and decides to stay.

LITTLE RED LIGHTHOUSE and Circus Baby
WW p
1. A story, rooted in fact, reaffirms for little people the great importance of small things in a world that seems to dwarf them.
2. Tells the story of the mother elephant who learns that she shouldn’t get her baby to act like a human.

MEASUREMENTS ARE FOR A PURPOSE
SVE js
Part I—Standards and Measurements—History of measurements primary and secondary standards. Development from ancient Egyptians to advanced methods of French and English, resulting in our linear and metric measurements.
Part II—Measurements Systems And Theory—Discusses various theories of measurement and factors that determine the selection of instrumentation on specific jobs. Emphasizes demand for greater precision will continue.

MIGHTY HUNTERS and Raggedy Elf
SVE p
1. Indian legend about the big dipper; baw Indians used stars.
2. How stingy elf learns the value of friendship, generosity and the joy of sharing with others.

MINORITIES HAVE MADE AMERICA GREAT
Wasp ej
This series teaches an understanding and an appreciation of America’s greatest heritage—its people. Each filmstrip traces the story of these different ethnic groups from early American history to the present time.

MUSIC STORIES
JH ej
Each story is visualized in perfect harmony with the nationality and theme of each particular rendition to stimulate knowledge, appreciation and understanding of fine music. Record narration and full orchestral rendition of each composition correlate with the filmstrips.

1. Peter and the Wolf
2. Hansel and Gretel
3. The Nutcracker
4. Peer Gynt
5. The Firebird
6. The Sorcerer’s Apprentice

MYSTERIES OF SCIENCE I
Eyegate ej
A study of some of the incredible principles affecting all creation.
Cosmic Glue—Mystery of Gravity
Magic White Sand—Mystery of Salt
The Night The Moon Was Late—Mysteries of Light
Gifts From Lightning—Mystery of Lightning
A study of some of the incredible principles affecting all creation.
The Web Of Wonder-The Challenge Of Science
Air Conditioned Planet-Mysteries Of Water
Wild Navigators-The Mystery of Migration
A Strange Friend-Mysteries of Termite Life

NATIONS ARISE-THE DARK AGES 400-1000 A.D., and Man Achieves New Freedoms-The Middle Ages 1000-1492

Man's age-long quest for freedom had its beginning in fames old world civilizations. We recaptured the achievements of the past and show how we adapted "old world" ideas and procedures into our structure of government.

1920's AND THE DEPRESSION

Each song is introduced by a background story explaining why it was so popular and significant at its particular time in history.

NUCLEAR RADIATION AND DETECTORS and Nuclear Radiation Fallout

1. Techniques and instruments used to measure x-rays and nuclear radiation. Five-action photos explain operational principles.
2. Three types of atomic bomb fallout; shows how fallout changes sensitive balance of, or destroys a cell, genetic mutations.

NUCLEAR RADIATION IN OUTER SPACE and Uses Of Nuclear Radiation In Industry

1. Compared with earth radiation: cosmic ray intensity
2. Characteristics that make radio isotopes useful.

NUTCRACKER, THE

The Nutcracker comes alive on Christmas Eve. Legend and music.

OLD MOTHER HUBBARD AND HER DOG and Old Woman and Her Pig

Familiar Nursery Rhymes interestingly told.

OTHER WISE MAN, THE

Story of the fourth wise man. When the three wise men left him behind, he spent a lifetime searching for the Saviour.

OVER IN THE MEADOW and The Fox Went Out On A Chilly Night

1. A gay counting song in which things of the outdoors provide the setting for a lesson in numbers and nature.
2. Mr. Fox raids the farm to feed his family and an exciting chase ensues.

PADDY'S CHRISTMAS

Paddy, a bear cub and his family, experience the joys of giving and sharing.

PANCHO and Johnny Crow's Garden

1. A clever Mexican boy is able to rope a bull that has been terrorizing his village.
2. This version features portraits of animal friends performing their incredible pranks.

PEGASUS AND BELLEOROPHON and Phaethon And The Chariot Of The Sun

Some of the oldest and most ingenious of stories in Western literature. Although originated mostly by the Greeks, the Romans adopted these story ideas as their own, since they attempted to explain mysterious things of the universe.

PEOPLE WE KNOW

Guidance Assoc. (Head Start-Primary)
The sights and sounds of careers related to transportation, communication, education, the arts and sciences, agriculture, and public services, including police work, fire fighting and prevention and space. Question-answer technique.

PINOCCHIO and Rapunzel

Describes what leaves and stems do; what plants eat and their development. Also shows that all plants have the same main parts.

POST WAR

Each song is introduced by a background story explaining why it was so popular and significant at its particular time in history.

PREHISTORIC MAN-DAWN OF CIVILIZATION

Man's age-long quest for freedom had its beginning in fames old world civilizations. We recaptured the achievements of the past and show how we adapted "Old World" ideas and procedures into our structure of government.

PRODUCING STATIC ELECTRICITY and Electric Circuits

1. How materials become positively and negatively changed. Why charge objects repel or attract.
2. Steps necessary to form a circuit. Difference in parallel and series circuits. Why a fuse "blows"
A puppy for Johnny teaches the responsibility and fun of taking care of a pet.

The moral of slow and steady wins the race. Fastness of the rabbit does not match persistence of the turtle.

Man's age-long quest for freedom had its beginning in famed old world civilizations. We recaptured the achievements of the past and show how we adapted "Old World" ideas and procedures into our structure of government.

Each song is introduced by a background story explaining why it was so popular and significant at its particular time in history.

Each story is introduced by a background story explaining why it was so popular and significant at its particular time in history.

Traces man's gradual development in making and executing laws. Stepping-stones of Democracy are clearly defined from primitive societies. Explores the early struggles over laws and regulation and gives an insight into the working of the government.

A story that has become a tradition in itself.

All about words, full of wonder and enchantment, color and sound.

A uniquely structured audio-visual aid for guidance and group discussion. For the most effective usage, it is important that you familiarize yourself with Counselor's guide.

A fascinating tale of a small boy's delight in a city snowfall.

Early settlers in the southern Appalachians adapted the songs of their youth to their lives. "Barbara Allen" "Old Smokey", others.

Each song is introduced by a background story explaining why it was so popular and significant at its particular time in history.

Development of the Soviet Union
Geography of the Soviet Union
Farming and Rural Life in the Soviet Union
City Life in the Soviet Union
European Life in the Soviet Union
European Russia and The Ukraine Caucasus and Soviet Central Europe

All about words, full of wonder and enchantment, color and sound.

A trip to the Post Office with Peter and his dog Tuffy enables children to see and read many helpful signs.

Tells the authentic story of Squanto, a brave, who had much to do with the Pilgrim's success in Plymouth.
STONE SOUP and Georgie
1. French folk tale reveals a clever trick used by three soldiers who request food and lodging from a selfish group of peasants.
2. The story of George, a friendly ghost, who is forced to leave home and haunt a barn.

STORIES OF MUSIC CLASSICS
JH pej
Imaginative art work brings to life the stories which inspired composers to write some of our best loved music. Record narration and full orchestral rendition of each composition correlated with the filmstrips:
1. The Sleeping Beauty
2. William Tell
3. A Midsummer Night’s Dream
4. The Swan Lake
5. The Bartered Bride
6. Scheherazade

STORY OF HANUKKAH AND CHRISTMAS
SVE ejjs
Two boys celebrate the holidays of their respective faiths. The historical background and meaningful traditions of each faith are traced with authenticity.

STORY OF THE NUTCRACKER
SVE pej
How Tchaikovsky’s "Nutcracker Ballet" was created by combining legend and music. Narration and Selection from the score.

STRUGGLE FOR FREEDOM IN ANCIENT ROME and Democracy And Government In The Middle Ages
T Eyegate ejjs
Traces man’s gradual development in making and executing laws. Stepping-stone of Democracy are clearly defined from primitive societies. Explores the early struggles over laws and regulation and gives and insight into the working of the government.

STUDY OF OCEANS and The Ocean Basins
SVE js
1. "Challenger" to modern techniques.
2. "Project Mohole" ocean topography.

TALE OF PETER RABBIT and Angus And The Ducks
WW p
1. The Misdoings of Peter in Mr. McGregor’s garden and Peter’s ignominous end.
2. An inquisitive pup seizes his chance for exploration.

THANKSGIVING WITH CAROL AND PETER
SVE p
Carol and Peter learn why we give special thanks at this time of the year.

THESEUS AND THE MINOTAUR and Trojan Horse
T Eyegate ejjs
Some of the oldest and most ingenious of stories in Western literature. Although originated mostly by the Greeks, the Romans adopted these story ideas as their own, since they attempted to explain mysterious things of the universe.

THREE BILLY GOATS GRUFF and Petunia
WW p
1. The terrible troll is outwitted in this story of three brave billy goats.
2. The nature of wisdom is explored by the naive Petunia, the silly goose.

THREE BLIND MICE and I Know An Old Lady
WW p
1. An original version that dramatizes the adventures of the mice, their narrow escape, and a happy ending.
2. A contemporary nonsense song about an old lady whose appetite makes an end of her.

THUMBELINA and Ugly Duckling
T Eyegate p

TIME OF WONDER and A Tree Is Nice
WW p
1. A McCloskey tribute to the wonders of nature or an island in Maine.
2. Tells of the delights to be found under, near, or because of trees.

TO SMOKE OR NOT TO SMOKE?
Am. Cancer js
A factual scientific presentation of the dangers of smoking.

UNITED STATES FLAG
SVE ejjs
History of Our Flag-Diverse flags flown during Colonial and Revolutionary period and the evolvement of our present 50 star flag from the "Grand Union."
Use and Display Of Our Flag-Based on U.S. Public Law 829, presents rules and customs of proper usage, how and when flag should be displayed- includes Daniel Webster’s tribute to our flag.

USES OF NUCLEAR RADIATION IN MEDICINE and Nuclear Radiation In Earth Studies
SVE s
1. Detection of Radio active isotopes aid in diagnosis and healing.
2. Discoveries of new power and wealth in earth’s crust.

VOLLEYBALL
SVE ejjs
The game, history, how to set up a playing court: equipment, pass, recovering from net; serve, attach. Instructor and student guides.

WHAT DO YOU SAY DEAR? and Brown Cow Farm
WW p
1. A guide to good manners that will introduce children niceties of etiquette.
2. Describes the cycles of life on a farm and creates simple animal counting from one to one hundred.
"WHAT DO YOU THINK" SERIES
AM Films
Designed to motivate a discussion of basic character traits and attitudes. Each filmstrip is an episode in itself.
Timmy's Choice
Sara's Surprise
Mark's Present
Martha's Discovery

WHAT IS COMMUNISM? and Communism And Government
SVE
1. History from 1848; political, economic, social origins, goals and methods of spreading Communism.
2. Methods Communists use to acquire power. Government in USSR, reversal in policy, comparison with U.S. political system.

WHAT TO LOOK FOR IN DRAMA AND FICTION
Eyegate
The Use of The Title - Significance of title, its contribution to anticipatory reading. Specific words. Foreshadowing & Prophecy - Traces these two devices and shows how they are helpful in anticipatory reading. Symbols - Explore their nature and shows these artistic devices in drama and fiction. The Transgression - Deals with the idea of the theme in literature. A frame of reference in approaching a total work.

WHEN THE LITTLEST CAME KNELT
SVE
A gift bearer for the Wise Men adores the Christ Child.

WHISTLE FOR WILLIE and The Tomten and Christmas
In The Stable
WW
1. Tells the story of a boy who wants to be able to whistle for his dog and tries very hard to learn how.
2. Tomten a little troll, talks to all the animals on a Swedish farm.
3. The simple dignity of Christmas as seen through the eyes of a child.

WHITE SNOW, Bright Snow and Magic Michael
WW
1. The silent and mysterious magic of the season's first snow.
2. Tells the story of a girl's lament about her brother who always wanted to be something other than himself.

WIND AND THE SUN
Wasp
The moral of, warmth and kindness are often better than force, is illustrated through a contest between two forces.

WING ON A FLEA and Picture Has a Special Look
WW
1. An imaginative way to learn what triangles, rectangles and circles look like.
2. Describes the different materials that can be used to create a picture.

WONDERFUL WORLD OF PLANTS
SVE
Describes the "single" concepts of plants showing examples of each and carefully explains their habits and functions.

WORKERS IN AMERICA
Wasp
Each song is introduced by a background story explaining why it was so popular and significant at its particular time in history.

WORLD WAR I
Wasp
Each song is introduced by a background story explaining why it was so popular and significant at its particular time in history.

WORLD WAR II
Wasp
Each song is introduced by a background story explaining why it was so popular and significant at its particular time in history.

ADDENDA
These filmstrip descriptions were omitted from the alphabetical listing.

LIFE ON A DAIRY FARM
NDC
Acquaints children with life on a modern dairy farm and shows many useful food products that come from a dairy farm.

RESPONSIBLE SEXUAL ATTITUDES and Responsible Sexual Behavior
SVE
1. Place sex has in the lives of happy, normal young people. Assists in developing constructive, responsible sex attitudes.
2. Presents sexual behavior that leads to happiness and reflects personal worth and responsibility to themselves and others. The above presentations incorporate a positive approach and are excellent for stimulating frank discussion. Preview before using.

PHOTOGRAPHY: CLOSE-UPS and Copying With 35 mm Cameras
Bailey
Graphic color photographs and art work are combined with effective narration to motivate and explain how to use a 35 mm camera in the interesting field of close-up and copying photography.
STORY OF SPANISH-SPEAKING AMERICANS
Eyegate ej
Famed early explorers, Spanish inroads in the West Mexican independence, modern history, and contributions.

AND THEY LIVED HAPPILY EVER AFTER? Understanding Teenage Marriage Guidance Assoc. sj
Helps students discuss early marriage more honestly, make their decisions more wisely. Students investigate the economic handicaps, dependence on parents, lack of experience, and personal immaturity responsible for marriage failures.

TOBACCO AND ALCOHOL: THE 50,000 HABIT Guidance Assoc. sj
Multiethnic teenagers discuss how they started smoking, effect of advertising, smoking parents and harsh medical statistics. Drinking and driving, social, economic, and cultural pressures and restrictions.

RISE OF COMMUNISM, THE Guidance Assoc. js
Defines Communism historically through theories of Marx, methods of Lenin and Stalin. Identifies key economic, social, ideological, personal, military, and geographic reasons for spread of and resistance to Communism.

SOVIET UNION TODAY: ITS PEOPLE AND THEIR WAY OF LIFE Guidance Assoc. js
A person to person approach to living conditions, education, government, and occupations. Also a look into Russia's past and a visit with a typical Moscow family.

WAR OF 1812 IN MICHIGAN MSHC js
An illustrated survey of the War of 1812 as it affected the territory of Michigan.

SLIDES

Slides are grouped into sets or series and are packaged in trays for circulation. All slides are 2" x 2" and may be used in any filmstrip projector with a slide carrier attachment. If magazine load or carousel type projectors are available in your building, you may use a series of slides for an automated presentation. Slides may be ordered for two weeks booking on separate order forms for a calendar month.

AMPHIBIANS AND REPTILES SERIES
Reynolds ejs
Variety of colorful slides of different species.

HAWAII, THE ALOHA STATE SERIES
IMPRIL 10 - 2" x 2" Slides ejs
Lumahai Beach on the Island of Kauai
Hawaiian Orchids
Sugar Fields
View from Nuanu Pali
Taro Patch
Growing Pineapples
Hukilau, The Hawaiian Way of Fishing
Silversword - Found only on Slopes of Haleakala
Akaka Falls
Feather Image (Akau)

HOW TO KNOW CONIFERS SERIES
Wards ejs
Recognition of various types of non-deciduous trees.

LINCOLN MUSEUM--WASHINGTON, D.C.
IMPRIL 10 - 2" x 2" Slides ejs
House Where Lincoln Died
Ford's Theatre Building
Back Parlor-House Where Lincoln Died
Room in Which Lincoln Died
Front Parlor-House Where Lincoln Died
Campaign Poster of 1864
Booth's Derringer
Diorama of Ford's Theatre Stage
Lincoln Bust by Henry Bush-Brown
Lincoln Bust by Robert I. Russin

MISSILES AT CAPE KENNEDY
IMPRIL 10 - 2" x 2" Slides ejs
U.S. Air Force Titan ICBM Launch
U.S. Air Force Atlas ICBM Pre-Launch
U.S. Air Force Atlas ICBM
Mercury Redstone Alan Shepard Manned Launch
U.S. Air Force Atlas ICBM Launch at 9,000 Mile Flight
U.S. Minuteman Launch
U.S. Air Force Atlas-Mercury Pre-Launch
U. S. Air Force Titan Launch
U.S. Navy Polaris Launch
U.S. Army Pershing Pre-Launch
PLANTS: ORCHIDS AND LILIES & OTHER MONOCOTS
IMC  ejs
An extraordinary grouping of these various plant
types.

PLYMOUTH, MASSACHUSETTS
IMPRIL 10 - 2" x 2" Slides  ejs
Mayflower II
Plymouth Rock
Top of Fort Plymouth
View of New Village
Bradford House
Dr. Fuller House and Herb Garden
Indian Hut
Massasoit State
Pilgrim Maiden
Miles Standish's Swords

UNITED NATIONS
IMPRIL 10 - 2" x 2" Slides  ejs
United Nations from East River
Model of United Nations
Assembly Building and Flags
Assembly Building
Main Lobby - Assembly Building
General Assembly from Speaker Platform
Security Council Chamber
Economic and Social Council
Trusteeship Council
General Assembly from Rear Hall

VALLEY FORGE, PENNSYLVANIA
IMPRIL 10 - 2" x 2" Slides  ejs
Washington's Headquarters
Brigade Hospital Hut
Rose Window in Washington Memorial Chapel
Gun Emplacement
Bedroom - Washington's Headquarters
Soldier Huts
General Washington's Office
Conestoga Wagon
Log Cabin
Fort Washington

WASHINGTON, D.C.
IMPRIL 10 - 2" x 2" Slides  ejs
Capitol - East Front
The Pentagon from the Air
The White House - South Side
Archives Building
The Lincoln Memorial
The Jefferson Memorial
The White House from the Air
The Washington Monument
National Science Foundation
The Supreme Court Building

WHITE HOUSE, THE
IMPRIL 10 - 2" x 2" Slides  ejs
President Johnson
Diplomatic Reception Room
Small Dining Room
Library
Main Entrance Hall
East Room
State Dining Room
Green Room
Red Room
Blue Room

WILDFLOWERS - SERIES A to G GROUP
Reynolds  ejs
Natural beauty of some of Michigan's many wild-flowers

WILDFLOWERS - SERIES H to R GROUP
Reynolds  ejs
Natural beauty of some of Michigan's many wild-flowers

WILDFLOWERS - SERIES S to W GROUP
Reynolds  ejs
Natural beauty of some of Michigan's many wild-flowers

WATERFOWL AND GAME BIRDS SERIES
Reynolds  ejs
Many birds native to Michigan in full color.
Most transparencies in this catalog have been grouped into sets or series of various numbers relative to a particular subject matter area, skill or a chronological period. All sets are sent out in albums or carrying cases. Please order these transparencies by the SET TITLE. Other transparencies, particularly three-dimensional type, are ordered by individual title as indicated in the annotation. Please specify on our order form how long you would like to keep a particular set. Booking periods up to three weeks may be arranged. It is hoped that this representative sampling of transparencies would encourage districts to investigate and possibly purchase this type of educational media for materials centers.

AMERICAN HISTORY AND GOVERNMENT PROGRAMS

AMERICAN WARS & WORLD WAR SERIES - GAF
15 Transparencies

French and Indian War
Map of eastern half of North America with illustrations of British colonies, areas of battle, and location of Indian tribes.

Revolutionary War
Map of Eastern North America, showing areas of battle, including enlarged map of New England-Middle Atlantic area.

War of 1812
Map shows major areas of battle and British naval blockade.

Mexican War
Includes both Texan-Mexican War and Mexican War.

Civil War
Comparison of North and South in terms of size, economy and transportation.

Civil War (1861-65)
Map illustrates Confederate and Union campaigns.

Europe - Before And After World War I
Map shows emergence of new nations after World War I.

Europe - Before And After World War II
Map shows emergence of new nations after World War II.

Pacific - Before And After World War II
Changing of control in the Pacific area before and after World War II.

United States And Its Possessions
Map illustrates the U.S. possessions in the Caribbean Pacific, Oceanic and Southeastern areas.

Relations With Latin America
Map and related listing of major events concerning U.S. relations with Latin America.

World Alignments
Identifies all major world treaty organizations.

Organization Of United Nations - A
Shows organization of different branches and councils of the United Nations.

Organization Of United Nations - B
Shows agencies related to the Economic and Social Council.

United States
Map of United States with illustration of states, their capitals and topography.

BUSINESS AND ECONOMICS SERIES - GAF
10 Transparencies

Business Cycle
Graph shows the four phases of the business cycle.

Tariff
Chart traces the history of tariffs in America.

Type Of Taxes
Illustrates specific types of taxes presently found in local, state and Federal governments.

Growth Of U.S. Financial System
Follows growth from establishment of Bank of North America in 1781 to the present Federal Reserve System.

Conservation
Maps, graphs, and illustrations point out the need for conserving our rapidly dwindling resources.

Immigration In The United States
Graphs of various types illustrate the growth of population, rural and urban, from 1780 to 1966.

Growth Of Transportation
Composed of thirteen illustrations with fourteen travel time comparisons to illustrate the "shrinkage of travel time."

Growth Of Agriculture
Traces the decline of farm population and problems related to the decline.

History Of Labor Development
Shows growth of labor unions in America.

Weapons Of Labor And Management
Chart comparing bargaining powers of labor and management.

CONSTITUTIONAL AMENDMENTS SERIES - GAF
9 Transparencies

How The constitution Is Amended
The ways of proposing amendments

Amendments To The Constitution
Seven transparencies contain the twenty-four amendments with illustrations, descriptions and date of adoption.

Amendments 1-3
Amendments 4-6
Amendments 7-10
Amendments 11-13
Amendments 14-16
Amendments 17-20
Amendments 21-24
EARLY AMERICAN EXPLORATION AND GROWTH SERIES
GAF 8 Transparencies  js

Age of Exploration And Discovery - Portuguese
World map showing routes taken by Portuguese explorers.
Age of Exploration And Discovery - Spanish
Illustrates the Spanish discoveries in the New World.
Age of Exploration And Discovery - French, Dutch and English
The major French, Dutch and English discoveries and explorations in North America.
North America (Political, Relief, Population)
Map with three overlays.
North America (Climate, Vegetation, Yearly Rainfall)
Map with 3 overlays.
European Colonies - 1763
Five overlays illustrate the individual empires of six European Nations.
New World-Colonies Before The "Seven Years War"
Maps illustrates the North American continent's colonization and expansion.
Growth Of The United States
Portrays the territorial growth of the U.S. from the original thirteen colonies westward to the Pacific.

EXECUTIVE, LEGISLATIVE, AND JUDICIAL SERIES
GAF 10 Transparencies  js

How A Bill Becomes A Law (House and Senate)
Activities of Congress in passing bills.
How A Bill Becomes A Law (President)
All forms of presidential action concerning bills.
Legislative Tactics
Tactics that affect the course of a legislative bill.
Influences On Legislature
Pressure and influence of groups on legislature.
Comparison Of Articles And Constitution
Compares strengths and weaknesses of Articles and the Constitution.
Outline Of U. S. Constitution
Outlines the seven Articles and basic statements of the Constitution.
Federal Systems Of Checks And Balances
Illustrates the system of checks and balances between the three branches of government.
Branches Of Federal Governments (Executive)
Lines of power in executive branch of government.
Branches Of Federal Government (Legislative)
Lines of communication for legislative branch of government.
Branches Of Federal Government (Judicial)
The organization and powers of the Federal court structure.

PRESIDENTIAL ADMINISTRATIONS-BACKGROUND TO
1860 SERIES  GAF
6 Transparencies  js

History Of American Political Parties
Graph showing growth of America's political parties.
Presidential Administration (1-3)
Series of transparencies giving a visual survey of the Presidents of the United States and the events that occurred during their terms of office. This transparency covers first three presidents-Washington, Adams, Jefferson.
Presidential Administration (4-6)
James Madison, James Monroe, John Quincy Adams.
Presidential Administration (7-9)
Andrew Jackson, Martin VanBuren, William H. Harrison.
Presidential Administration (10-12)
John Tyler, James K. Polk, Zachery Taylor.
Presidential Administration (13-15)
Millard Fillmore, Franklin Pierce, James Buchanan.

PRESIDENTIAL ADMINISTRATIONS-1860 to 1968 SERIES
GAF 7 Transparencies  js

Presidential Administration (16-18)
Abraham Lincoln, Andrew Johnson, Ulysses S. Grant.
Presidential Administration (19-21)
Rutherford B. Hayes, James A. Garfield, Chester A. Arthur.
Presidential Administration (22-24)
Grover Cleveland, Benjamin Harrison, Grover Cleveland.
Presidential Administration (25-27)
William McKinley, Theodore Roosevelt, William Howard Taft.
Presidential Administration (28-30)
Woodrow Wilson, Warren G. Harding, Calvin Coolidge.
Presidential Administration (31-33)
Herbert Hoover, Franklin D. Roosevelt, Harry S. Truman.
Presidential Administration (34-36)
Dwight D. Eisenhower, John F. Kennedy, Lyndon B. Johnson.

BASIC ASTRONOMY PROGRAM

EARTH - SCIENCE SERIES  GAF
10 Transparencies  ejs

Seasons On Planet Earth
Parallelism of earth's axis during the year's revolution around Sun.
Light Rays And The Seasons
Flashlight beams on a ruler illustrates the seasons.
Speed Of Earth At Different Latitudes
Global projection compares earth's speed at different latitudes.

Polar View Of Rotation
Polar view of Northern Hemisphere compares earth's speed at different latitudes on earth.

Earth's Shape
Exaggerated "pear Shape" of earth.

Flat, Round Earth
Illustration of ship along ocean's horizon.

Curve Of The Earth
Diagram of earth's circumference.

Earth - Centered Universe
Diagrams of early Greek theory of earth-centered universe.

Proof: A Turning Earth
Pendulum's motions are compared at different latitudes on earth.

Exaggerated "pear Shape" of earth.

Earth's Shape
Exaggerated "pear Shape" of earth.

Flat, Round Earth
Illustration of ship along ocean's horizon.

Curve Of The Earth
Diagram of earth's circumference.

Earth - Centered Universe
Diagrams of early Greek theory of earth-centered universe.

Proof: A Turning Earth
Pendulum's motions are compared at different latitudes on earth.

Exaggerated "pear Shape" of earth.

Earth's Shape
Exaggerated "pear Shape" of earth.

Flat, Round Earth
Illustration of ship along ocean's horizon.

Curve Of The Earth
Diagram of earth's circumference.

Earth - Centered Universe
Diagrams of early Greek theory of earth-centered universe.

Proof: A Turning Earth
Pendulum's motions are compared at different latitudes on earth.

Exaggerated "pear Shape" of earth.
SOLAR SYSTEM

Comparative Size Of United States And The Moon
Map of United States with overlay of moon comparing size.
Total Eclipse Of The Moon
Diagram of shadows cast during lunar eclipse.
Naming The Days
Illustration indicating origins for the names of the days of the week.
Sonic Boom
Illustration of sound waves when the sound barrier is broken.
Morning Star? Venus?
Orbits of Venus illustrating its position when it is called the "morning star."
Galileo's Notebook
Shows the chart of Galileo's observations of the four moons of Jupiter.
Saturn's Rings
Explains why the rings of Saturn seem to change position over a long period.
Myths - Phases Of The Moon
Three myths about the moon coming from American Indians, the Egyptians, and Chinese.
Full Moon Illusions
By using the features on the full moon, overlays of images of animals and people are illustrated.

SUN SERIES

Apparent Path Of The Sun
Position of the sun at noon during different seasons.
Size Of Sunspots
Illustration of sun and sunspots indicating size of spots.
Proof Of The Sun's Rotation
Movement of sunspots across face of sun as proof of sun's rotation.
Where Is The Sun?
Finding position of the sun in the sky before and after noon.
Sun At Midnight
Diagram indicates method of figuring position of sun at midnight.
Astronomical Twilight
Shows relationship of twilight to the angle of the sun below the horizon.
Total Solar Eclipse: Baily's Beads
Sliding mask allows animation of total eclipse.
Comparative Size: Sun, And Some Stars
Compares size of sun with several stars and planet orbits.
Why The Sky Is Blue
Explains relationship of earth's atmosphere to sun's rays causing blue sky.

BASIC SCIENCE PROGRAM

BOTANY SERIES

Algae
Typical examples of kinds of algae are shown.
Fungi
Examples of fungi included are the mushroom, bread mold, bacteria, and penicillium.
Parts Of A Flower
Illustrations of a flower with parts labeled.
Seed Sprouts
Shows a few of the early stages in the process of germination.
Leaves-Outline and Veins
Illustrations of different leaves for comparison of outline and veins.
Leaf Variations - I
Assortment of leaves emphasizing many forms leaves may have.
Leaf Variations - II
Complements the variety of specimens found in "Leaf Variations I."
Structure Of A Leaf
A section of the edge of a leaf is shown highly magnified.
Types Of Roots
Two major types of root systems, network roots and top roots are shown.
Stem Veins
Illustrations of the arrangement of veins inside the stems of plants.
Seeds In Cases
Five examples of plants containing seeds in cases.
Bread Mold
Illustration of bread mold on bread and magnified.
Leaf Cells
Essential features of a leaf cell.

ECOLOGY SERIES

Series of transparencies illustrates the relationships of animals and plants to their environment and other living things found there.

GEOLOGY SERIES

Igneous Rock - Granite
Large illustration of sample of granite indicating chief minerals that form this rock.
Sedimentary Rock
Variety of samples of sedimentary rock.
Metamorphic Rock
Represents a few examples of metamorphic rock.

Geological Time Table
Chart with illustrations depicting geological ages.

Faces Of Solid Crystals
Line drawings of variations in crystal form.

Fossils - Vertebrate I
Shows reminders of early fishes and reptiles including the dinosaurs.

Fossils - Vertebrate II
Fossils of the Age of Mammals

Fossils - Invertebrate
Invertebrate fossils from the Paleozoic and Mesozoic Eras.

GEOLOGY AND EARTH STRUCTURE SERIES GAF
8 Transparencies ejs

Structure Of The Earth
Illustrates the inner structure and condition of the earth.

Earthquakes
Illustrates wave patterns of earthquakes.

Reading The History Of Rocks
Shows different kinds of rock layers.

Life Cycle Of A River
Relief drawing showing groove carved by rivers.

Ground Water
Cross-section of an area showing possible locations of water.

Volcano
Depicts the cross-section of a cone volcano.

Vulcanism
Cross-section explains principle of vulcanism.

Volcanic Belts
Map indicates volcanic belts of the world.

HEAT AND ELECTRICITY SERIES GAF
9 Transparencies ejs

Heat Conduction
Heat conduction through different materials.

Heat Convection
Illustrates principle of heat convection.

Heat Radiation
Illustrates two ways heat radiation occurs.

Circuit - Parallel Lamps
Diagram illustrates a parallel wiring scheme.

Circuit - Series Lamps
Diagram illustrates a series wiring scheme.

Circuit - Parallel/Series Dry Cells
Two wiring schemes for employing more than one dry cell in a circuit.

Static Electricity
Diagram of apparatus used for making static electricity.

Circuit - Complete
Illustration of a complete circuit.

Circuit - Shorted
Diagram of a short circuit.

LIGHT SERIES GAF
4 Transparencies ejs

Spectrum
Shows spectrum obtained by passing beam of light through a prism.

Inverse Square
Illustrates the principle that illumination decreases as the distance from a light source increases.

Bending Light
Illustrates that light passing on an angle from one material into another will seem to bend.

Lenses And Light
Bending of light rays with a lens.

NUCLEAR PHENOMENA AND MOTION SERIES GAF
10 Transparencies ejs

Atoms
Drawings on some of the more common atoms.

Molecules
Two ways to show atoms combined as molecules are shown.

Nuclear Fission
Simplified description of nuclear Fission is illustrated.

Nuclear Reactor
Cross section of a nuclear reactor in a submarine.

Things At Rest
Three examples of things at rest in relation to motion are illustrated.

Things In Motion
Three examples of things in motion are illustrated.

Action - Reaction
Three examples of the action-reaction phenomenon.

Weight
Compares a person's weight on earth, the moon and in space.

Putting A Satellite Into Orbit
Three steps of putting a satellite into orbit are illustrated.

Lunar Flight
Depicts several ways lunar flights may occur.

OCEANOGRAPHY SERIES GAF
5 Transparencies ejs

Ocean Chemicals - I
Illustrates some useful chemicals taken from oceans.

Ocean Chemicals - II
More minerals present in sea water.

Ocean Temperature And Pressure
Cross section of ocean indicates factors affecting temperatures and pressure.

Ocean Currents
Global drawing indicates direction of deep and surface currents.

Ocean Floors
Global drawing indicates ridges, trenches and canyons of the sea floor. Echo sounding is explained.
SIMPLE MACHINE SERIES    GAF
5 Transparencies  ej

Levers
Illustrations of simple levers.
Pulleys
Several examples of simple and movable pulleys.
Cog Wheels
Examples of inclined planes.
Inclined Plane
Several examples of inclined planes.
Simple Machines
Basic simple machines are exemplified by the lever and inclined plane.

SOUND SERIES    GAF
5 Transparencies  ejs

Vibrations
Drawings illustrate several objects vibrating.
Speed Of Sound
Compares speed of sound traveling through a solid, liquid, and a gas.
Pitch
Apparatus illustrating the relationship between vibrations and pitch.
Echo
Illustrates conditions related to echos.
Dampening Sound
Compares three materials and their sound damping effect.

WEATHER SERIES    GAF
7 Transparencies  ejs

Fronts
Illustrations of cold and warm air masses and their fronts.
"Greenhouse" Effect
Compares the earth's atmosphere with a greenhouse.
Water Cycle
Illustrates different steps of the water cycle.
On Shore/Off Shore Breeze
Compares directions of on shore and off shore breezes.
Highs And Lows
Map and drawing illustrate characteristics of high and low pressure areas.
Barometer
Drawings illustrate principles of air pressure.
Thermometer
Compares centigrade and fahrenheit scales.

ZOOLOGY (Invertebrates) SERIES    GAF
9 Transparencies  ejs

Protozoa
Illustrations of amoeba, euglena, and vorticella.
Sponges
Five different types of sponges are illustrated.
Typical Jellyfish
Five types of jellyfish are illustrated.

ZOOLOGY (Vertebrates) SERIES    GAF
9 Transparencies  ejs

Animals With Backbones
The five forms of animals that have backbones and inside skeletal bones are illustrated.
Bird Variations
Beaks, nests, eggs, and feet.
Variation In Mammals
Illustrates a variety of mammals.
Variations In Reptiles
Illustrates differences as well as similarities among reptiles.
Variations In Amphibians
Parts of various amphibians are illustrated.
Variations In Fish
Illustrations of some fish are given.
To Be Alive An Animal Must Be Able To...
Illustrates that animals must eat, breathe, move, reproduce, react and adapt.
Animal Speed
A comparison of speeds in different animals is shown.

CONTEMPORARY COMPOSITION PROGRAM

1. Topic Sentence Series (Unit II, Lessons 2 & 3) SRA s
   Narrowing the topic sentence to specific points of focus for development; nature of expository writing.

2. Paragraph Patterns Series (Unit V, Lessons 8 & 9) SRA s
   Development of subtopic sentences; ordering of details by various methods.

3. Sentence Structure Series (Unit VII, Lessons 13, 14, 15) SRA s
   Various sentence patterns: loose, periodic, inverted; declarative, interrogative, imperative, exclamatory. Subordination and parallelism; transitions between sentences.

4. Personal Essay Series (Unit VIII, Lessons 16, 17, 18) SRA s
   Types of topic sentences; outlines, theme development, including transitions; structure of opening and closing paragraphs.

5. Informative Paper Series (Unit IX, Lessons 19 & 20) SRA s
   Differences between informative and personal writing. Proper subject matter of informative writing; simplicity and economy in phraseology.
VI. Critical Paper Series (Unit X, Lesson 21) SRA
Techniques of analysis; development of generalization and value judgments by objective detail; ordering of paragraphs. Analyses of sample critiques.
VII. Research Paper Series (Unit XI, Lessons 22 & 23) SRA
Nature of research paper; techniques of documentation; library resources; manuscript conventions. Analysis of excerpts from sample research papers.

DRIVER EDUCATION PROGRAM

HIGHWAY SIGNS SERIES GAF
8 Transparencies ejs
Guide Signs
Warning Signs
Highway Information I
Highway Information II
The Filling Station Stop
Map Reading - Legend
Map Reading - General
Map Reading - Detailed

TRANSMISSIONS SERIES GAF
8 Transparencies s
The Dashboard
Standard Transmission Cars - The Gearshift
Standard Transmission Cars - Starting The Engine
Standard Transmission Cars - Moving The Car
Automatic Transmission Cars - Starting The Car
Automatic Transmission Cars - Moving The Car
Automatic Transmission Cars - Stopping The Car

TURNS SERIES GAF
8 Transparencies s
Making The Left Turn - Full Intersection
Making The Left Turn - From Two-way To One-way street
Making The Left Turn - From One-way To One-way street
Making The Left Turn - From One-way To Two-way street
The Right Turn Pattern
Turns From Multi-Lane Street

INTERSECTIONS, PASSING, PARKING SERIES GAF
9 Transparencies
Highway Intersections - The Traffic Circle
Highway Intersections - Approaching The Cloverleaf
Highway Intersections - The Cloverleaf
Highway Intersections - The Diamond
Highway Intersections - The Jug Handle
Parallel Parking
Controlling The Car - Skidding
Passing Another Vehicle
Parking On A Hill

ANTICIPATING DANGER SERIES GAF
5 Transparencies s
Anticipating Danger I, II, IV, V.
Five transparencies of views of the road ahead as seen by the driver. In each picture some form of danger lies ahead and the overlay indicates what the danger is.

LIBRARY SCIENCE PROGRAM

LIBRARY SERIES I - USING THE CARD CATALOG Cof
8 Transparencies ejs
The Card Catalog
Location of Catalog Card
Catalog Card (Fiction)
Catalog Card (Non-Fiction)
Catalog Card: (Non-Fiction:Biography) Author Card
Card Catalog (Non-Fiction: Biography) Subject and Title Cards
Card Catalog Drawer
Cross Reference Cards

LIBRARY SERIES II - FINDING A BOOK IN THE LIBRARY Cof
10 Transparencies ejs
Shelf Arrangement (Non-Fiction)
Call Number
Shelf Arrangement (Several Numbers)
Shelf Arrangement (One Class Number)
Shelf Arrangement (Fiction)
Call Number (Fiction)
Abridged Dictionary Entry
Shelf Arrangement (Biography)
Diagram of A Library
Taking A Book From The Library

LIBRARY SERIES III - THE DICTIONARY Cof
9 Transparencies ejs
Uses of the Dictionary
Looking For A Word - Step 1
Looking For A Word - Step 2
Looking For A Word - Step 3
An Elementary Dictionary Entry
Pronunciation Symbols
Abridged Dictionary Entry
Unabridged Dictionary Entry
Additional Uses of The Dictionary

LIBRARY SERIES IV - THE ENCYCLOPEDIA Cof
6 Transparencies ejs
Dictionary of Encyclopedia?
Arrangement of Encyclopedia Set (Alphabetical)
Arrangement of Encyclopedia Set (Not Alphabetical)
Examples of Encyclopedia Subjects
Encyclopedia Indexes
Cross References
Space Age Science Program

Earth and Universe Series

Division of Space
The six divisions of space - atmospheric, terrestrial, lunar, interplanetary, interstellar and intergalactic - are illustrated.

Type of Galaxies
Four main classifications of galactic shapes are illustrated.

Milky Way
Our own galaxy indicating position of solar system.

Solar System of Planets
Indicates the relative orbits of each of the nine planets.

Inclination of Planetary Orbits
Schematic perspective view of solar system illustrating the inclination of the orbit of Pluto from the central plane of the earth and the sun.

Structure of the Earth
The six layers of earth from core to the surface are illustrated.

Regions of the Atmosphere
The troposphere, stratosphere, chemosphere and ionosphere are illustrated.

Radiations in the Atmosphere
The mixing of the broadcast band, television band, ultra-violet and infrared radiation and cosmic rays is illustrated.

Earth's Magnetic Fields
Illustrates the magnetic field and Van Allen belts surrounding the earth.

Natural Forces Series

Gravitational Pull
Gravity is illustrated by series of overlays showing boy jumping over a hurdle.

Gravitational Pull - Falling Bodies
Newton's law is demonstrated by a falling ball.

Forces Acting on a Body in Circular Motion
Cenfrugal and centripetal forces are illustrated.

First Law of Inertia
The cumulative effect of air resistance, gravity, and a superior physical force acting on a rocket are illustrated.

Second Law of Inertia
Hypothetical case of a space ship being struck by a meteor whose mass is equal to that of the ship is used.

G-Force
Concept of G-forces is shown in terms of a roller coaster car.

Weightlessness
Weightlessness is explained in terms of a roller coaster at the top of an outside loop.

Force Vectors
An analysis of the result of two unequal forces pulling at a 90° angle to each other.

Orbits Series

Kinds of Orbits
Illustrates three different kinds of orbits.

Air Slows Satellites
Shows effect of the earth's atmosphere on an orbiting satellite.

Satellite Heights
Comparison of height of satellite above earth and length of time needed to orbit.

Orbits and Gravity
Illustrates the force needed to launch an object into orbit.

Equal Areas
Effect of elliptical orbit of earth.

Moon's Orbit
Moons orbit in relation to earth and sun.

Earth Motions (Rotation and Revolution)
Illustrates both rotation and revolution as earth travels around sun.

Giant Corkscrew Path
Path that earth alone with the sun is taking through space.

Plane of Orbit - Biela's Comet
Biela's Comet shown in relation to the sun and earth.

Rockets, Missiles and Satellites Series

Typical Rocket
Identifies the principal components of a typical rocket.

Jet Propulsion
Newton's third law is illustrated by the firing of a gun, air escaping from a balloon, and a rocket in flight.

Turbojet and Ramjet Engines
The distinctive features of the sub-sonic turbojet and the supersonic ramjet engines are compared.

Rocket Engines
The main components of both the solid rocket and the liquid rocket are illustrated.

Ion Rocket
Identifies the main components and explains how the ion engine works.

Direct Re-Entry Pattern
The phases of the direct re-entry pattern are depicted.

Degenerate Orbital Re-Entry Pattern
Identifies the phases of the degenerate orbital re-entry pattern.

Roll, Pitch and Yaw
Illustrates how spacecraft may move around any of its three axes - vertical, lateral and horizontal.

How a Spaceship Maneuvers - Roll Axis
Illustrates roll axis method of maneuvering spaceship.

How a Spaceship Maneuvers - Pitch Axis
Pitch axis maneuver is described.

How a Spaceship Maneuvers - Yaw Axis
Yaw axis maneuver is described.

Typical Missile
Shows a modern missile and identifies typical components and the purpose of each.

Tiros Weather Satellite
Components that make up Tiros and the purposes of each are shown.

Mariner II
The location and purposes of the major scientific equipment aboard Mariner are illustrated.
Syncom Communications Satellite
Depicts the components of the syncom satellite.

How Telstar Works
Illustrates how Telstar picks up waves in the broadcast and TV band, amplifies them, and transmits them back to earth.

Mercury Capsule
Cutaway view of capsule identifies basic components including environmental and communications control systems.

Staging In Rocketry
The concept of mass ratio is introduced to explain need for rocket stages.

Kinds Of Orbits
Illustrates that orbits are determined by the speed of the satellite at launch.

U. S. SPACE PROJECT SERIES

16 Transparencies
ejs

Project Mercury - Suborbital Flight
Dates, altitudes and distances of flights are schematically shown.

Project Mercury - Orbital Flight
Dates, number and path of orbits, and the names of the first astronauts.

Mariner II - Flight to Venus
Pictorial representation of Mariner II’s flight to Venus.

Project Syncom
The three phases of placing the Syncom satellite in synchronous orbit are depicted in three overlays.

Ranger VII - Flight To The Moon
Shows Ranger VII and views of the moon surface at altitudes ranging from 3 miles to 480 miles.

Project Gemini Capsule
Cutaway of the Gemini capsule and a comparison of the relative sizes of the Gemini and Mercury capsules.

Project Gemini - Docking
Shows docking procedure of Gemini capsule and an Agena rocket.

Project Gemini - Return To Earth
The different stages of the Gemini landing are shown, illustrating how the parawing is used to glide the craft to a safe landing.

Project Apollo - Spacecraft
Cutaway of the Apollo capsule and a comparison of the relative sizes of the Apollo, Gemini and Mercury capsules.

Project Apollo - Lunar Landing
The basic phases and sequence for landing the first man on the moon are shown.

Project Apollo - Return To Earth
Illustrates the final phases of the return from the moon.

Typical Space Station
Depicts a typical space station of the near future.

Destination Mars - “The Red Planet”
Illustration shows some similarities between mars and earth.

Destination Unknown!
Designed to provoke thoughts and to generate questions about our future in space.

Basic Life - Support System - The Space Suit
Identifies the basic components of a typical space suit.

Basic Life - Support System - The spacecraft
Illustrates the various systems built into space vehicles for supporting human life.

WORLD GEOGRAPHY PROGRAM

MAP AND GRAPH SKILLS SERIES

GAF
10 Transparencies
ejs

Maps - Location - Grid
Map of United States with overlays illustrating a simple grid, political boundaries, and latitude and longitude.

Map Projections
Illustrates three types of map projection.

Map Directions
Illustrates true north, magnetic north, their symbols and angle of deviation.

Map Symbols
Symbols are given which represent both natural features and man-made cultural aspects.

Topography
Indicates how landforms are illustrated on a flat map.

Map Scale
Three types of methods for representing map scales are given.

North Polar Projection
Illustration of the World as viewed from the North Pole.

South Polar Projection
Illustration of the world as viewed from the South Pole.

Graphs
Illustrations of bar, circle, and point graphs.

Graphs
Illustrations of a pictograph and line graph.

MAPS SERIES

GAF
10 Transparencies
ejs

North America (Political, Relief, Population)
North America (Climate, Vegetation, Yearly Rainfall)
South America (Political, Relief, Population)
South America (Climate, Vegetation, Yearly Rainfall)
Central America (Political, Relief, Population)
Central America (Climate, Vegetation, Yearly Rainfall)
Europe (Political, Relief, Population)
Europe (Climate, Vegetation, Yearly Rainfall)
British Commonwealth

MAPS SERIES

GAF
10 Transparencies
ejs

Africa (Political, Relief, Population)
Africa (Climate, Vegetation, Yearly Rainfall)
Middle East (Political, Relief, Population)
Middle East (Climate, Vegetation, Yearly Rainfall)
Russia (Political, Relief, Population)
Russia (Climate, Vegetation, Yearly Rainfall)
Asia (Political, Relief, Population)
Asia (Climate, Vegetation, Yearly Rainfall)
Australia and Oceania (Political, Relief, Population)
Australia and Oceania (Climate, Vegetation, Yearly Rainfall)
PHYSICAL ZONES AND BELTS

GAF
8 Transparencies

ej

Time Zones
- Shows Longitude lines, Prime Meridian, International Date Line, and the irregular time zones.

Ocean Currents
- World map indicating all major ocean currents.

Wind Belts
- Depicts winds and their effects upon specific land masses on earth.

Seasons
- Illustrates the four seasons of the earth.

Earth Movements
- Cross-sectional drawings illustrate the continual state of change on the earth's surface.

Mountains And Volcanos
- Locates major mountain ranges and volcanos throughout the world.

Climates
- Chart of the world's major climates is shown.

United States
- Map of United States with illustration of states, their capitals and topography.

WORLD HISTORY PROGRAM

ANCIENT CIVILIZATIONS TO ROMAN EMPIRE SERIES

GAF
8 Transparencies
ej

History Of Life On Ear
- Presents the panorama of life from the age of invertebrates to the age of mammals.

Early Centers Of Civilization
- Shows the development of man and locations of his early civilization: savagery, barbarism, and civilization.

Early Civilizations - Egyptian, Babylonian Assyrian, Chaldean
- Map showing conditions favorable to the development of early civilizations.

Early Civilizations - Cretan, Hittite, Phoenician, Hebrew, Persian
- The development of civilizations in Asia Minor and the Fertile Crescent is shown on these maps.

Greece - Europe's First Civilization
- Shows geographical area and the conflicts from within and without, which shaped the course of Greece.

Expansion Of Greek Civilization
- Depicts the establishment of colonies on the lands bordering the Mediterranean, Aegean and Black Seas.

Roman Empire
- Maps illustrate how Rome seized and controlled most of the then known world.

Comprehensive View Of The History Of The Roman Empire
- Portrays the major activities which existed during the span of the Roman Empire.

EARLY ASIAN CIVILIZATIONS AND EUROPE'S MIDDLE AGES

GAF
8 Transparencies
ej

India's Civilization
- Maps and time-scale portray the birth and growth of India.

Chinese Civilization
- Traces the development of Chinese civilizations from prehistoric time to the present.

Mongol Empire
- The Five Khanates of the Mongol Empire are illustrated.

Moslem World
- Covers the years from 632 A.D. to the present illustrating both the contributions and the threat to Europe.

Frankish Empire
- Map shows area of Europe influenced and settled by the Franks.

Europe in 1500
- Map illustrates changes taking place in Europe during Middle Ages.

Crusades
- Map shows areas of the four Crusades.

Manor Of The Middle Ages
- Illustration of a typical manor and representing the economic, political and social structure of the medieval period.

COLONIAL PERIOD AND EMPIRES SERIES

GAF
13 Transparencies

ej

Age Of Exploration And Discovery - Portuguese
- World map showing routes taken by Portuguese explorers.

Age Of Exploration And Discovery - Spanish
- Illustrates the Spanish discoveries in the New World.

Age Of Exploration And Discovery - French, Dutch And English
- Follows the major French, Dutch and English discoveries and explorations in North America.

European Colonies - 1763
- Illustrates the reasons, both economic and political, for the growth of the European colonies.

Empires In Europe
- Maps show the growth and diffusion of empires in Europe.

Growth Of Russia
- Map depicts the territorial growth of Russia.

French Empire - Napoleon
- Maps show growth of Prussia, Austria-Hungary and France.

British Empire
- Maps illustrate growth and decline of the British Empire.

Africa
- Map traces growth and decline of the British Empire.

World Religions
- Includes major religions of Asia, Asia Minor, Europe and Africa.

New World - Colonies Before The "Seven Years War"
- Map illustrates the North American Continent's colonization and expansion.
MODERN WORLD INVOLVEMENT SERIES  GAF
4 Transparencies js
Europe - Before And After World War I
Map shows emergence of new nations after World War I.
Europe - Before And After World War II
Map shows emergence of new nations after World War II.
Pacific - Before And After World War II
Changing control in Pacific before and after World War II.
World Alignments
Identifies all major world treaty organizations.

FAMILIAR BIRDS SERIES (Color) Cenco
10 Transparencies pej
Series transparencies depicting selected birds in their Natural habitat and showing the type of nests they build and size, color and shape of their eggs. Birds included are the Baltimore Oriole, Belted Kingfisher, Robin, Blue Jay, Scarlet Tanager, Wood Thrush, Yellow Warbler, Redstart, Meadowlark and Barn Swallow.

GEOMETRY SERIES - THE CIRCLE (Animated)
5 Transparencies js
(Thick plastic based transparencies with movable parts which animate the presentation)
Area Of A Circle - PI
Circumference - PI
Inscribed Angle In A Semi-Circle
Circular Array
Angle Measurement

LANGUAGE OF MAPS SERIES (Color) EBF
16 Transparencies je
Designed to introduce commonly used map terminology and symbolism: a base map and sequential transparencies. Parallels and Meridians
Reading Topographic Symbols
Identifying Cultural Features
Mapping A Small Area

METEOROLOGY SERIES (Color) Hubbar Scientific Co.
9 Transparencies ejs
Water Cycle
Illustrates how moisture moves from the oceans to the atmosphere, then to the land, then back to the oceans or atmosphere.
Warm And Cold Fronts
Overlays move across the landscape illustrating how temperature, cloud cover, precipitation, and wind direction change.
Frontal Movement
Illustrates a typical weather system moving across the country.
Cloud Types - I
Illustrates nine different cloud types in color.
Cloud Types - II
Illustrates nine additional cloud types similar to above transparency.
Weather Map
Plain map of U.S. with clear overlay to record weather conditions as desired.
Coriolis Force
Explains how rotation of the earth affects movement of the air currents.
Climate
Seven different climate classifications are shown on world map.
Temperature
World-map illustrates the five basic temperature classifications.

PHONICS - THE ALPHABET SERIES (Color) Visualcraft Inc.
33 Transparencies p
Teaches the alphabet. Teachers' guidebook indicates how each transparency may be used indicating objectives, motivation, presentation, suggested vocabulary and suggested creative seatwork.

PHONICS - BLENDS AND DIGRAPHS (color) Visualcraft Inc.
20 Transparencies p
Teaches blends and digraphs. Teacher's guidebook indicates how each transparency may be used including objective, motivation, presentation, suggested vocabulary and suggested creative seatwork.

TRANSMOBILES

3 DIMENSIONAL TRANSPARENCIES Webber Costello ej s
Order By Individual Title
Geology Board (ej)
Introduces the concept of shape, area, and perimeter of various figures.
Pulleys (ej)
Introduces the operating functions of pulleys and demonstrates the mechanical advantage of multiple pulleys.
Second And Third Class Levers (ej)
Develops comprehension of second and third class levers and related concepts. Demonstrates effort and resistance forces on the lever arm.
Abacus (pe)
Helpful in understanding basic characteristics of our number system.
Three ball demonstrator (ej)
Introduces concept of mass and inertia.
Gear Wheels (e)
Operation of simple gears.
Eight Ball Demonstrator (ej)
Develops comprehension of such concepts as inertia, force, impact and echoing of sound.
Cartesian Coordinates (js)
Equipped with standard coordinate grid and movable X and Y axes, allowing operation in any of four quadrants or combinations thereof.
ADDENDA
BASIC CHEMISTRY PROGRAM

ATOMIC ENERGY SERIES  GAF
10 Transparencies  s
Artificial Elements
Atomic Fission
Atomic Fusion
Atomic Reactor
Chain Reaction
Disintegration
E = mc^2
Isotopes of Uranium
Radiation
Radioactive Decomposition

BONDING, MOLECULAR, AND IONIZATION SERIES  GAF
8 Transparencies  s
Covalent Bonding
Crystals
Dissociation
Ionic Compounds
Ionizations
Law of Multiple Proportions
Sample Molecules
Hydrogen Bond

EXPERIMENTS, INSTRUMENTS, LAWS, AND REACTION SERIES  GAF
11 Transparencies  s
Activity of Metals
Barometers
Boyle's Law
Carbon Oxygen Cycle
Charles' Law
Chemical Reactions
Comparison of Thermometers
Electrolysis of Water
Lavoisier's Experiment
Nitrogen Cycle
Substitution Products of Methane

FUNDAMENTAL CONCEPT OF CHEMISTRY SERIES  GAF
12 Transparencies  s
Abundance of Elements
Atomic Terms
Bunsen Burner
Density
Electron Shells
Elements
Isotopes of Hydrogen
Metric System - Part I
Metric System - Part II
Periodic Table of Elements
Portion of Periodic Table
States of Matter

HYDROCARBONS, SOLUTIONS AND VOLUME SERIES  GAF
9 Transparencies  s
Combining Volumes of Gases
Concentrations of Solutions
Hooker Cell
Hydrocarbons
Hydrogen
Isomers of Hexane
Molar Volume
Solubility Curves
Specific Surface
Disc recordings may be ordered on conventional order blanks for a booking period of one week. If additional time is necessary please specify on your order blank. All disc recordings except wherein specified are 33-1/3 R.P.M. records.

Most listings are individual records unless otherwise described as an album grouping. The initial title is in Upper Case type. Please use only this title when ordering even though you may want to use only the reserve side which title is listed in Upper and Lower Case letters.

Disc recordings are extremely vulnerable to damage. Use only a record player which has a microgroove (LP) needle for playing 33-1/3 or 45 R.P.M. records.

**ABE LINCOLN: LOG CABIN TO WHITE HOUSE** and The F.B.I. Landmark ejs

**ADVENTURES OF MARCO POLO** and Genghis Khan and the Mongol Horde Landmark ejs

**AFRICA-A SECOND LOOK** and Medical Care--The Pros and Cons Stand js

**ALASKA GOLDRUSH** and Guadalacanal Diary Landmark ejs

**ALEXANDER THE GREAT** and Rise and Fall of Adolph Hitler Landmark ejs

**ALGERIA-BIRTH OF A NATION** and United Nations Bond Issue Stand js

**ANDREW CARNEGIE** and America's First World War Landmark ejs

**ARTICLES OF CONFEDERATION** and Lincoln's Second Inaugural Enrich. ejs

**AUSTRALIAN FOLK SONGS AND BALLADS** Folkways ejs

**BEN FRANKLIN OF OLD PHILADELPHIA** and Lincoln & Douglas: Years of Decision Landmark ejs

**BERLIN CRISIS** and J.F.K-State of the Union Address Stand js

**BILL OF RIGHTS** and Patrick Henry's Famous Speech Enrich. ejs

**BUILDINGS OF THE FIRST TRANSCONTINENTAL RAILROAD** and The Wright Brothers Landmark ejs

**CALIFORNIA GOLD RUSH** and The Pony Express Landmark ejs

**CHILDREN'S SONGS - Folk and Original Songs** Folkways ejs

**CLARA BARTON-FOUNDER OF THE RED CROSS** and First Transatlantic Cable Landmark ejs

**COMMODORE PERRY AND THE OPENING OF JAPAN** and Teddy Roosevelt and Rough Riders Landmark ejs

**CROSS OF GOLD SPEECH-Wm. J. BRYAN and Philosophy of Rugged Individualism** Enrich. js

**DANIEL BOONE: OPENING THE WILDERNESS** and Sam Houston, Tallest Texan Landmark ejs

**DECLARATION OF INDEPENDENCE** and Lincoln's Gettysburg Address Enrich. ejs

**DO YOU KNOW HOW YOU GROW INSIDE** Folksyways ejs

(Songs and narrative about food and growth)

**EMPEROR'S NIGHTINGALE** Folksyways ejs

(A musical fantasy of an Anderson favorite)

**ENCHANTED SPRING, THE** Folksyways ejs

(An American Indian legend which depicts the life of America's first inhabitants)

**ENERGY AND MOTION SONGS - SINGING SCIENCE RECORDS** SMC ejs

(14 Ballads)

**ERIE CANAL, THE** and First Overland Mail Landmark ejs

**ESKIMOS OF HUDSON BAY AND ALASKA** Folkways pej

(Rhythmic chanting, primitive melodies, songs, animal imitations)

**EVANGELINE** Folkways ejs

(Complete Longfellow tale of expulsion of Acadians)

**EXPLORATIONS OF PERE MARQUETTE** and Lewis and Clark Expedition Landmark ejs

**FIFTEEN FOR FITNESS - EXERCISES SET TO MUSIC** WR js

(Instructions and Calls)
FREDERICK DOUGLAS YEARS (1817-1895) Gift  
(Famous anti-slavery leader - his childhood self-education, escape, and fight for freedom)  

GEORGE WASHINGTON and The Santa Fe Trail Landmark ejs

GEORGE WASHINGTON CARVER and Mr. Bell Invents The Telephone Landmark ejs

HAWAIIAN CHANT, HULA AND MUSIC Folkways ej
(Native instruments; prayer offerings, tributes, legends, and serenades.)

HIAWATHA Folkways ej
(Opens world of Indian lore)

INDIAN MUSIC OF THE CANADIAN PLAINS Folkways pc
(Records of Blood, Blackfoot, Cree, and Assiniboine Indians)

INTRODUCTION TO MUSIC WPE pe
(Presents the scientific aspects of musical sound in a highly creative style.)

INTRODUCTIONS TO MUSICAL INSTRUMENTS WPE pe
(Gives children a story of instrumental sound in groups according to their basic function.)

INTRODUCTION TO THE ORCHESTRA WPE pc
(Instruments take on personalities with moods and a variety of expressions easily understood and appreciated.)

INTRODUCTION TO RHYTHM WPE pc
(Presents rhythm in its melodic form. Children can feel the rhythm in the melody)

JEFFERSON'S FIRST INAUGURAL and Constitutional Amendments 13, 14, and 15 Enrich. js

JOHN PAUL JONES and D-Day Invasion of Europe Landmark js

JULIUS CAESAR and Story of Albert Schweitzer Landmark js

LOUISIANA PURCHASE and Pirate Lafitte and The Battle of New Orleans Landmark ejs

MAN IN SPACE Folkways ejs
(Documentary recording of Alan Shepard's 1961 Mercury flight from countdown to evaluation)

MARSHALL PLAN and The Universal Declaration of Human Rights Enrich. s

MAYFLOWER COMPACT and George Washington's Farewell Address Enrich. js

MONITOR AND THE MERRIMAC and Lee and Grant At Appomattox Landmark js

MONROE DOCTRINE, THE and F.D.R's Four Freedom's Speech Enrich. js

MORE NATURE SONGS-SINGING SCIENCE RECORDS
(14 Ballads) SMC e)

MUSIC OF AMERICAN INDIANS OF THE SOUTHWEST Folkways pe
(Instrumental and vocal music of various tribes recorded on location)

MUSIC OF THE CAROUSEL Folkways pc
(Recorded in Central Park - 14 examples of merry-go-round music)

MUSIC OF THE SIOUX AND THE NAVAJO Folkways pc
(Demonstrates culture of two main people of the American Indians, the settled Sioux and nomad Navajo)

NAPOLEON AND THE BATTLE OF WATERLOO and The Marquis de Lafayette Landmark s

NATURE SONGS-SINGING SCIENCE RECORDS
(14 Ballads) SMC e)

NEW ENGLAND HARMONY-OLD STURBRIDGE SINGERS Folkways ejs
(Collection of Early American Choral Music)

NORTHWEST ORDINANCE and The Missouri Compromise Enrich. js

ONE HUNDRED AND ONE NURSERY RHYMES Folkway p
(Familiar English rhymes recited and vocalized)

ORGANIZATION OF AMERICAN STATES and The Space Age Stand js

PANAMA CANAL, THE and Robert Fulton Landmark ejs

PAUL REVERE AND THE MINUTE MEN and Our Independence and The Constitution Landmark ej

POCAHONTAS AND CAPT. JOHN SMITH and The Winter At Valley Forge Landmark e)

QUEEN ELIZABETH AND THE SPANISH ARMADA and Mary, Queen of Scots Landmark s

RESOLUTIONS OF STAMP ACT CONGRESS and Public Education In The United States Enrich. s

ROBERT E. LEE and Thomas A. Edison Landmark ej

SCIENCE EXPERIMENT AND ACTIVITY SONGS- SINGING SCIENCE RECORDS
(14 Ballads) SMC e)

SHERMAN ANTI-TRUST ACT and Theodore Roosevelt's New Nationalism Enrich. s
SING'N DO -- DOWN ON THE FARM
6 Records 45 RPM SND p

DOWN ON THE FARM
YOU'LL NEVER CATCH ME!
PUMPKINS ON PARADE
LITTLE DUCKY DODDLE
LITTLE SCARECROW
NEEDLE IN A HAYSTACK

SING'N DO -- EARLY PRIMARY ALBUM
6 Records 45 RPM SND p

I'M A DING DONG DING DONG CHOO CHOO
I'LL FIND A KITTY UNDER THE CHRISTMAS TREE
AN INDIAN SONG
MY LITTLE PUPPY
I AM A LITTLE PUPPET
HERE COMES THE CIRCUS PARADE

SING'N DO -- FAVORITE ALBUM
6 Records 45 RPM SND pe

A PIGGILY WIGGILY WIGGILY PIG
TWENTY LITTLE RABBITS
POLLY THE POLLYWOG
THE CAT WITH THE WAVING TAIL
THE SWING SONG
THE DRUMMERS MARCH

SING'N DO -- HOLIDAY ALBUM
5 Records 45 RPM SND pe

THE GEORGE WASHINGTON SONG
STROLLING DOWN THE STREET EASTER MORNING
WHEN THE FLAG IS PASSING BY
IF YOU ASK ME WHY I'M THANKFUL

SING'N DO -- LATER PRIMARY ALBUM
6 Records 45 RPM SND p

THE LAZY LITTLE HEN
THE CLOCK SONG
JOHNNY TUMP UP
I AM THE WIND
THE TIPTOE ELF
AT THE RODEO

SING'N DO -- TOY SHOP ALBUM
6 Records 45 RPM SND p

IN THE TOY SHOP
THE LITTLE RAG DOLLS
I'M A LITTLE CHINESE DOLL
WHEN THE LITTLE DUTCH SHOES PARADE
IF IT COULD HAVE A PONY
SNAPDRAGON SONG

SIR WALTER RALEIGH and Ferdinard Magellan
Landmark ej

SKIP ROPE Folkways pe
(Thirty-three skip rope games including Teddy Bear and Fudge)

SONGS AND DANCES OF GREAT LAKES INDIANS
Folkways ej
(Notes and song texts of Algonquin and Iroquois activities)

SONGS AND DANCES OF QUEBEC Folkways ej
(French Canadian "squares" and "longways")

SONGS OF THE SEA Folkways ej
(Thirty-two actually sung aboard clipper and sailing ships)

SOUNDS OF ANIMALS Folkways pe
(How animals express their emotions and wants)

SOUNDS OF SPOKEN ENGLISH Folkways pe
(2 Records)
(Speech instruction. Exercises and evaluations for correction of frequent mistakes in enunciation)

SOUNDS OF THE AMERICAN SOUTHWEST Folkways pe
(Dawn to dusk; wild animals and natural sounds)

STEAMBOAT ROUND THE BEND Folkways ej
(Songs and stories of the people and the Mississippi River)

STEPHEN CRANE Folkways s
(Selected readings from The Red Badge of Courage, poetry)

SUN YAT-SEN and Queen Victoria Landmark s

THOMAS JEFFERSON and The Vikings Landmark ejs

TAFT-HARTLEY ACT and F.D.R.'s First Inaugural Address Enrich. s

TRAPPERS AND TRADERS OF THE FAR WEST and Alexander Hamilton and Aaron Burr Landmark ejs

UNITED STATES CONSTITUTION - The Living Constitution Kaydan ejs

VIETNAM, KEY TO SOUTHEAST ASIA and Steel Crisis, The Stand js

VOYAGES OF CHRISTOPHER COLUMBUS and Landing of The Pilgrims Landmark ejs

WEATHER SONGS - SINGING SCIENCE RECORDS
(14 Ballads) SMC ej

WILLIAM THE CONQUEROR and The Magna Carta Landmark s
WILLIAM PENN, QUAKER and Witchcraft of Salem
Landmark ejs

WINSTON CHURCHILL and Winston Churchill Speaks
Winston Churchill Landmark js

WOODROW WILSON'S FOURTEEN POINTS and Preamble
to U.N. Charter Enrich. s

WORDS FOR THE WIND Folkways s
(Only recording by Theodore Roethke reading
his own works.)
The recorded programs listed here are on master tapes to be retained at the Center. We will transcribe any program(s) requested on new tape without charge except for actual cost of the tape used. Schools may send their own new or new condition tape on which we will make a duplicate.

When ordering tapes listed in this section, the following information should be noted:

1. Specify the exact title of program(s) requested.
2. Audio tapes are generally provided as follows:
   a. All tapes duplicated at 3-3/4 ips on 5 inch, 600 ft. reels (with up to 30 minutes recording time.)
   b. All tapes recorded on half-track configuration.
3. If the standard procedure outlined above will not be compatible with your system, let our staff know and we will provide the correct transcription.

WAYS OF MANKIND SERIES
Dramatic and Interpretive

ALL THE WORLD'S A STAGE. For this study in status and role, Shakespeare's famous soliloquy is an accurate summary of the fact that each person in this world has a role to play.

I KNOW WHAT I LIKE. A study of the arts. Each society has its own form of art according to its social structure. Many examples are used to demonstrate forms of art in different societies.

LEGEND OF THE LONG HOUSE. A study of authority within the six tribes of the Iroquois nation.

MUSEUM OF MAN. A study of society designed to show how human beings have lived together at different times and places.

SURVIVAL. When a place bound for the arctic region crashes on the ice, four men are forced to live as best they can. Their survival depends on the knowledge of their Eskimo guide.

WHEN GREEK MEETS GREEK. A study in values. Compares the differing backgrounds of a Spartan and an Athenian boy.

WORD IN YOUR EAR. A. Explains various functions of language and its reflected meanings. The phenomenon of dialect, the formation of a language, and the variations in structure within organized speech are presented as components of culture.

YOU ARE NOT ALONE. A study which explores the complex interrelationships formed by groups. "As long as you exist, you are not alone." Each person is a member of a number of groups.

ART
NATIONAL GALLERY OF ART LECTURES

EL GRECO. Dorothea P. Michelson, Staff Lecturer, traces the life story of El Greco through his works of art.

LEONARDO DA VINCI AND THE GUILDS OF FLORENCE Dr. Stites relates a brief history of the guilds of Florence and their effects on the cultural climate of the times.

PAUL GAUGUIN, A MODERN ARTIST IN SEARCH FOR HIS SOUL. An informative probe into the background of Paul Gauguin and his lifelong struggle to find himself.

SEVEN WONDERS OF THE ANCIENT WORLD. Dr. Bouton describes the seven wonders of the ancient world.

WHY WE STUDY THE VISUAL ARTS. Dr. Margaret Bouton, Staff Lecturer, explains the advantage of understanding the visual arts. Several approaches for expanding one's comprehension of art are studied.

CONSERVATION
MICHIGAN 2000 AD SERIES
Interview and dramatic

CONTROL OF FOREST FIRES. Michigan has suffered costly timber fires. How this threat can be removed in the future by new apparatus and improved forestry practices. Professor K. P. Davis.

DON'T HOARD YOUR RESOURCES. Contrary to some belief, hoarding is often the wrong answer to the question of conservation. Professor Robinson Gregory takes us on a visit to a modern sawmill, and describes the most practical conservation practices.
FUTURE OF COMMERCIAL FISHERIES. The sea lamprey destroyed Michigan's lake fishing industry, but today conservationists know that the lamprey can be destroyed.

FUTURE OF MICHIGAN'S FORESTS. By means of a visit to The University of Michigan experimental forest we see what proper forestry practices can mean for the year 2000. Professor Stephen H. Spurr is host.

FUTURE OF THE PULP AND PAPER INDUSTRY. An on-the-spot broadcast from a pulp mill points out how Michigan can regain some of its former importance as a supplier of wood pulp.

HUNTING IN MICHIGAN. Known conservation methods can keep Michigan's wild animal population at its present significant level.

MICHIGAN AS A VACATION STATE IN 2000 A.D. By continuing present trends. Michigan's outdoor vacation resources can remain a significant factor in the life of the 21st Century.

MINERAL RESOURCES. What the future holds for Michigan's mining industry.

PLAGUES AND WOLD ANIMAL DISEASE. The University of Michigan pathologists are continually alert for an outbreak of disease among wild animals in order to intercept any threat of plague.

PROBLEMS OF A GROWING POPULATION. Professor Stanley Cain explains the problems of our "exploding" population.

SPORTS FISHING. Professor Karl Lagler, Chairman of the Department of Fisheries, views what conservation can mean for the sports fisherman by the year 2000 A.D.

WATER: EROSION AND CONTAMINATION. The need to protect natural water resources for the coming generations. Features Dean Stanley G. Fontana of The University of Michigan School of Natural Resources.

WOOD IN THE HOME. An on-the-spot recording at the University's Wood Technology Laboratory, showing research and experimentation in the new uses of this basic resource.

FOLKLORE

FOLKLORE MAKES HISTORY DRAMATIC

BAKER'S DOZEN, THE. The legendary origin of "a baker's dozen." The setting of the tale is in old New Amsterdam during the Christmas season. Features a lesson of generosity taught to a miserly baker by good St. Nicholas.

DEATH OF WILD BILL HICKOCK. The premonitions of death expressed by James Butler Hickock, American Scout and U.S. Marshal, and how they were verified in his treacherous death.

MYSTERY OF THE MARIE CELESTE, THE. The more than eight-year-old mystery of the Marie Celeste, a ship found on the high seas under full sail, with small boats still on board, and meals still on the table, yet not a human being anywhere on the ship nor any sign of how or why the crew disappeared.

PERFECT CRIME OF JESSE JAMES, THE. How and why legends form around outlaws. Distinguishes between the real character of the outlaws and the legends about them. Dramatizes how a widow's tears led Jesse James to save her homestead by means of a perfect crime.

SNIPES HUNT, THE. The legendary origin of the common woods prank, the snipe hunt. Includes story of how the first man fooled on a snipe hunt turned the tables on the pranksters.

STRANGE SICKNESS OF BABE, THE BLUE OX. The brief introduction to the legends of Paul Bunyan and Babe, his Blue Ox. Dramatizes the strange sickness that affected Babe while she was straightening out a crooked logging road by pulling on one end of it and yanking it straight.

GUIDANCE

MAKING GOOD SERIES

ABOUT YOUR HOME LIFE. Common problems of life associated with (1) dependence of young people, (2) discipline and (3) background.

ACTIVITIES--ARE THEY WORTH IT? How school activities help develop good citizenship by providing students with the knowledge and practice essential to be a good citizen.

DO YOU HAVE WHAT IT TAKES? The importance of knowing whether or not you have the ability, the emotional stability and the intelligence required for the vocation or profession in which you are interested.

GETTING ALONG WITH OTHERS. Dramatizes how it pays to be courteous, to prevent trouble with one's neighbors, to avoid antagonizing other people. Stresses the importance of making a good impression on others.

GETTING READY FOR YOUR JOB. A variety of interests dramatized as helpful in landing a job. Urges high school students to engage in many activities and clubs as a means of cultivating new interests.

LET'S LOOK AT JOBS. Emphasizes that choice of vocation is a problem common to all individuals. Points out some careers for girls. Tries to answer the question: "Should I go to college?"
MESSAGE TO THE STAG LINE, A. Suggests ways to be popular. Emphasizes that a person is popular to the degree to which he adjusts to people and situations.

MORE ABOUT CHOOSING YOUR JOB. Indicates how to prepare for the interview, how to answer job ads by letter, and how to write a newspaper advertisement.

OPEN AND CLOSED DOORS. Discusses the restrictions which close the doors to certain professions, consideration of the basic factors related to these restrictions when choosing a vocation and how individual training and correction of bad habits can sometimes overcome job restrictions.

TEACHERS ARE PEOPLE, TOO. Dramatizes the fact that teachers are human beings, too. Represents them as sincere, hard-working individuals who have devoted their lives to guiding children.

TIME ON YOUR HANDS. How to make use of your leisure time in ways which will really benefit you. How to develop critical judgment and a sense of variety in leisure time activities.

WORKING TO LEARN AND LEARNING TO WORK. Dramatizes the principle that you not only have to work to learn but that you also must learn to work.

HEALTH

TUNE UP IN HEALTH SERIES

CHECK-OUT BEFORE YOU CAMP OUT. Gun handling, poisonous plants, swimming, and boating are among the camping features described as dangerous if one lacks proper knowledge of them.

ONE JOKE TOO MANY ... PRACTICAL JOKERS. A group of boys become disgusted with Jack and his multitude of dangerous practical jokes. Finally, the boys learn that practical jokers are usually unhappy people and they want to belong to the group.

PLAY SAFE AT SCHOOL. An accident occurs on the playground and the pupils launch a safety program. One aspect of the program is a hazard hunt to cut down on accidents. Good safety tips are given to the children.

SAFETY BEGINS AT HOME. A host of accidents or near accidents in the Brown home causes the family to begin a thorough hazard hunt inside and outside the house.

SAFETY FIRST ON THE FARM. The children, in preparation for a school presentation, learn of the major hazards.

SAFETY SENSE ON STREETS. Mr. Brown promises his children a new bicycle on condition that they learn rules of safety first. Police officer Ryan gives the children some of the answers they need to know.

HISTORY, AMERICAN

THE AMERICAN TRAIL SERIES

BRAVE FLAG, THE. The American flag lived through the days after the Revolutionary War, the War of 1812, the Civil War. World War I and World War II.

CALIFORNIA GOLD RUSH, THE. Bing Crosby and his son, Lindsay, narrate the story of the organization of a vigilante committee to restore law and order.

LEWIS AND CLARK EXPEDITION. Lewis and Clark fought their way up the Missouri River and on to the Pacific Ocean.

LOUISIANA PURCHASE, THE. Thomas Jefferson declared that the U.S. would defend New Orleans against French occupation. Congress offered two million dollars in gold to Napoleon Bonaparte. He agreed to sell all of Louisiana for fifteen million, thus avoiding war.

NORTHWEST ORDINANCE, THE. In 1787 the Northwest Territory was opened by the Northwest Ordinance. Indian uprising hindered settlement until "Mad" Anthony Wayne defeated them. Self-government was then established in Ohio.

TO BUILD A NATION SERIES

BLACK FRIDAY. The 1920's was the "age of money" and the "age of speculation". This false prosperity led to the stock market crash.

DEPRESSION HITS. Economic instability led nations to seek new political and social ideologies. England turned to Socialism. In Germany, Hitler's Nationalist Socialist Party, better known as Nazis, took over. In the United States an era of depression began.

FRANKLIN D. ROOSEVELT. Roosevelt's ideals, actions and accomplishments are related by means of a dramatized interview with one of his sons.

HERBERT HOOVER. Herber Hoover, a Quaker from Westbranch, Iowa, became a wealthy mine owner who aided 70,000 Americans stranded in Europe at the outbreak of the war, became the first U.S. Food Administrator, and who after World War I headed the European Relief Organization.

NEW DEAL. A dramatization of how WPA and CCC gave people jobs during the depression.

PRESIDENT CALVIN COOLIDGE. A dramatization of Coolidge becoming president after the death of President Harding, and a press conference in which Coolidge expresses his views on national issues.
PRESIDENT WARREN HARDING. In 1920 Warren G. Harding received the Republican nomination for president of the United States. His administration suffered from what were considered "irregularities" in government, the most outstanding of which was the "Teapot Dome" scandal. Harding died in 1923 of Pneumonia.

ROARING TWENTIES. After World War I life took on a crazy, hectic aspect. The family unit began to disintegrate as each member became engrossed in his own affairs. The people became "thrill crazy" and the United States shared in a period of "joy making."

WOODROW WILSON AND THE LEAGUE. Tells of Wilson's attempts to establish a League of Nations in the peace treaty with Germany.

A DAY TO REMEMBER SERIES

AMERICAN HARVEST, THANKSGIVING. Tells how the Pilgrims celebrated the first Thanksgiving and how George Washington decided to celebrate it during the Revolutionary War. President Lincoln proclaimed that Thanksgiving should be celebrated. Includes a typical present day family preparing the Thanksgiving feast.

FIRST IN WAR, FIRST IN PEACE. The story of George Washington's crossing of the Delaware River on Christmas Eve, 1776.

GENTLEMEN FROM VIRGINIA--JEFFERSON'S BIRTHDAY. The story of Monticello, Thomas Jefferson's home. He had dreamed about it and planned for it since he was 14. He designed the house himself and helped to build it.

HERITAGE OF HONOR--NEGRO HISTORY WEEK. "We remember with pride the contribution of the Negro race--Americans all." Names of Negroes who have made valuable contributions to our country are mentioned. Also tells about the Emancipation Proclamation.

LIBERTY OR DEATH--PATRICK HENRY'S SPEECH. On March 23, 1775, Patrick Henry gave the famous speech in which he uttered the words, "Give me liberty or give me death." Tells of the events leading up to this declaration.

SPIRIT OF ST. LOUIS, THE. On May 21, 1927, Charles Lindbergh flew across the Atlantic from New York to Paris. Starts with a day in 1926 when he conceived the idea of the flight and tells about the preparations he made and the flight itself.

WEARIN' OF THE GREEN--ST. PATRICK'S DAY. A fanciful song tells how Ireland was created; "Mac Namara's Bank" is played; and a story about St. Patrick as a young lad is told.

WITH MALICE TOWARD NONE--LINCOLN'S BIRTHDAY. A portion of Lincoln's life as a young man in New Salem, Illinois is dramatized. Ann F. lledge talks him into running for the Illinois State Legislature. After losing one election, he wins the next and enters into history.

MILESTONE OF FREEDOM SERIES

BATTLE OF SARATOGA. One of the turning points of the Revolution is told by eye-witness reports of participants in both armies.

BUNKER HILL. On June 17, 1775, the British began to realize that the colonial insurrection in America was turning into a full scale war. A major battle took place at Bunker Hill, Boston.

LEXINGTON AND CONCORD. Story of the battles of Lexington and Concord and of the spark which set off the shot "heard 'round the world."

HISTORY, MICHIGAN

CHIEF PONTIAC. The powerful chief of the Ottawa saw that it would take a cooperative endeavor by all the different tribes before the Indians could win back the land the white men were stealing from him.

DR. WILLIAM BEAUMONT. The surgeon at Fort Mackinac whose definitive study of human digestion began with a gunfight outside the fort.

ETIENNE BRULE. Etienne Brule was one of Samuel de Champlain's aids, sent into the wilderness of the new world to explore and study the language and habits of the Indians. Brule became scout, explorer and interpreter.

DOUGLASS HOUGHTON. Houghton was Michigan's first state geologist. He had a wide range of interests; medicine, botany, geography, etc. One of his most important surveys was made into the Upper Peninsula to investigate ancient Indian stories of copper mines in that country.
HENRY SCHOOLCRAFT. Schoolcraft's studies and research among Michigan Indians gave Longfellow the material for his epic poem, "Hiawatha."

JEAN NICOLET. Nicolet was another of Samuel de Champlain's young explorers who went to live among the Indians. He studied their customs, their language, and the way they lived in the wilderness.

LA SALLE. Built a fort and waited for the supply ship "Griffin" to arrive so that he could begin to explore the Mississippi River. The ship, however, was wrecked in a storm, leaving the adventurers isolated in a virtually unknown land. La Salle decided to head back to Quebec on foot. He led his party across Southern Michigan, the first white men to see that country, and ultimately followed the Huron River to Lake Erie.

LEWIS CASS. The creation of a treaty with Chippewa tribesmen which gained for the United States the land at Sault Ste. Marie.

MAD ANTHONY WAYNE. Washington sent General Anthony Wayne at the head of an army to take the Northwest Territory by force of arms. In the Battle, Wayne destroyed the enemy forces and broke the grip of the British on all of Michigan.

PAUL BUNYAN. Some of the Michigan adventures of this fabulous hero.

RANSOM E. OLDS. This story of the auto pioneer includes what is believed to be the last recorded interview with him before his death. He sketches the problems which beset those who sought to do away with the horse.

STEVENS T. MASON. The story of Michigan's boy-governor and his adventures in the "Toledo War."

RED MAN IN MICHIGAN SERIES
Documentary

ANIMALS IN INDIAN STORY AND SONG. Songs and stories about some of the more common animals tell how the porcupine got his quills; how the bear lost his tail; and tales of the rabbit, racoon and woodpecker.

INDIAN ARTS AND CRAFTS. A discussion of the primitive arts of the Indian; the making of canoes, houses and garments, together with information on present-day craft work.

INDIAN CEREMONIES. The customs relating to adoption, courtship and marriage are discussed, and several songs connected with these ceremonies are sung by the Indians.

INDIAN CLANS AND TOTEM ANIMALS. An explanation of the division of the Michigan tribes into clans and how each clan had a sacred totem animal. The idea of clans and totem animals still survives among the Michigan Indians.

INDIAN CREATION MYTHS. The story of Nanabush, the mythical hero, half man and half god, and how he helped create the earth and mankind. Nanabush was the inspiration for Longfellow's "Hiawatha."

INDIAN NAMES. Indian place names in the State of Michigan and information concerning their origin and meaning.

INDIAN RELIGION AND BELIEF. Religious beliefs and ceremonies of the Indians. Many of their pre-Christian beliefs and ceremonies are carried over and intermingled with the Christian faith. The significance of dreams and fasting is discussed.

INDIAN SPIRITS OF WOODS AND WATERS. An introduction to some of the complex beliefs about good and evil spirits in the everyday life of the Indians.

INDIAN STORIES OF CORN. The Indians were the first growers of corn, which was their most important food. Every tribe has its legends about the origin of corn and this program presents two versions as they are told in Michigan.

INDIAN TODAY. We learn from typical Indian citizens about their education, interests and activities, which makes one realize their part in American community.

MICHIGAN INDIAN TRIBES. Introduces the three main Indian tribes that have lived and still live in Michigan: Ottawa, Chippewa and Potawatomi. Relates some tales of the Sauks and Mascoutins who once made the area their home.

RED MAN AND WHITE. Significant highlights in the history of Michigan in the early years; wars between the Indians and the white man; the fall of Michilimackinac; Pontiac at Detroit; and final major treaties. Interpersed are typical war songs and dances.

WHITE MAN COMES TO MICHIGAN. We learn of the first white men to visit the area: Brule, Father Marquette, Jean Nicolet and Sieur de la Salle. They met the Indian on the grounds of trade and religion and learned the significance of the calumet or peace pipe.

A TREASURY OF MICHIGAN NAMES
Dramatic

BATTLE CREEK. Two different accounts as to the origin of the name Battle Creek are presented. Both of the histories are interesting and the detective work to find the true origin of the name is well done.

BAY CITY. A description of the Saginaw Bay area, telling of the hardships of pioneer life, the first saw mill operations, and experiences of some of the earliest settlers.

NILES. An unusual history of an area which had seen the French, British, Spanish and finally the American flags fly over it.
SAGINAW. In the early 19th Century, the Saginaw Bay area was a dense wilderness with a history of Indian fights and stormy waters. The experiences of the traders and settlers in the area are described.

SAULT STE. MARIE. The derivation of the words Sault Ste. Marie is explained and the early history of the straits area is described. Adventurous tales of exploration, trading, and building of the locks enhance the exciting history.

TECUMSEH. The town that was named after an enemy of the United States and the strange story of why he was so honored.

INDUSTRY

AMERICAN INDUSTRY

Documentary and Dramatic ejs

AUTOMOBILES. The early conflict between the various types of self-propelled vehicles--electricity, steam and gasoline.

CEREAL GRAINS. Stresses the use of grains in our diet and tells the story of the manufacture of cereal foods.

FURNITURE. Development of furniture from the earliest times to the present. How various pieces of furniture took shape.

LAKE SHIPPING. The importance of shipping and the widespread effects of any force which interferes with it. Includes on-th-spot recordings at The University of Michigan Naval Tank.

PAPER. The story of the paper industry in America from Colonial days to the present. Includes on-th-spot recordings from the Kalamazoo Vegetable Parchment Company.

SALT. The importance of salt in our lives, and some historical events in which salt was an important factor.

TRUCKS. The importance of the trucking industry in modern life.

LITERATURE - CHILDREN’S STORIES

BOOKS AND AROUND SERIES

Narrative ej

AMERICANA. Anna Malcolmson’s "Yankee Doodle’s Cousin" is a find book for children, dealing with America in legend, history, fiction, poetry and music.

AMERICAN HISTORY. One of the more memorable books about American History is Ester Forbes’ "Johnny Tremain" which is about Revolutionary Wartimes in Boston.

E. B. WHITE. "Charlotte’s Web", one of the best stories by this important contributor to children’s literature.

HANS CHRISTIAN ANDERSEN. The unforgettable fairy tales of this supreme storyteller.

HOMER PRICE. The rollicking story of Homer Price and his life in Centerville, U.S.A.

JAMES THURBER. "Many Moons" is high on the list of books for boys and girls.

LAURA INGALLS WILDER. This author portrays from first-hand experience what it was like to grow up in the prairie country of Minnesota and the Dakotas.

THE MOFFATS. A dramatization of parts of "The Moffats" by Eleanor Estes.

MORE AMERICANA. Among several publications considered in this program are "A Book of Americans" and "The Rooster Crows."

ROBERT LAWSON. A popular American writer is introduced through his "Ben and Me", and astonishing account of the life of Benjamin Franklin as written by his good mouse, Amos.

SMOKY, THE COWHORSE. Will James’ story of the range, the corral, the round-up and the rodeo as soon through the eyes of the cow pony, Smoky.

SPACE TRAVEL. A fanciful tale of space travel, entitled "Miss Pickerell Goes to Mars", by Ellen MacGregor.

MIAMI BEACH STORYTELLING FESTIVAL, 1956

Narrative. American Library Associate ejs

ELSIE PIDDOCK SKIPS IN HER SLEEP. Told by Eileen Colwell from Martin Pippin in the Daisy Field by Eleanor Farjeon.

GOAT WELL, THE. A fantastic tale of how to make an unusual well.

HARE AND THE HEDGEHOG, THE. Told by Frances Clarke Sayers from Told Again by Walter de la Mare.

MISS COW FALLS A VICTIM TO MR RABBIT. Told by Stephanie Fraser from Uncle Remus: His Songs and Sayings by Joel Chandler Harris.
NIGHTINGALE, THE. A tale by Hans Christian Anderson told by Mary Strang from The Art of the Storyteller by Marie Shedlock.

OLD FIRE DRAGAMAN. Told by Frances Clarke Sayers from The Jack Tales by Richard Chase.

OLD MAN OF THE FLOWERS. Introduced in English and then told in Japanese by Shigeo Watanabe from The Dancing Kettle by Yoshiko Uchida.

FEDDLER OF BALLAGHADEREEN, THE. Told by Marjorie Dobson from The Way of the Storyteller by Ruthe Sawyer.

WOLF AND THE SEVEN LITTLE KIDS, THE. Introduced in English and then told in German by Rosemary Hohne from Tales from Grimm Edited by Wanda Gag.

OLD TALES AND NEW SERIES

CUDDOLES, THE CAMEL. An interesting story of a circus camel and his affection for the circus men.

EMPEROR'S NEW CLOTHES, THE. The story of the tailors who made clothes for the Emperor--clothes that could be seen only by those fit to look on the Emperor.

JACK AND THE BEANSTALK. A good dramatization of this classic.

JOHNATHON'S THANKSGIVING. The story of a small boy and a turkey, a most unusual pet, and how he was saved from the Thanksgiving dinner.

MOST FAMOUS TREE IN THE WORLD, THE. The story of the little tree that was taken in from the woods and which brightened the home over the Christmas season.

PIERRE, THE REMARKABLE PRAIRIE DOG. How he came to be a pet.

SMALL TRIBUTE, A. An imaginary story of Lincoln and his days at Springfield.

STORY OF THE SLOW COMING WINTER. Jack Frost was so sleepy that he almost failed to start the winter, all because he stayed up so late in the spring.

TALES OF THE TALKING STONE SERIES

THE TALKING STONE. A Seneca Indian tale which tells where all stories come from.

CAT AND MOUSE KEEP HOUSE. The German version of Grimm's Story is a favorite with children and a wise warning in choosing one's friends.

MARY, MARY, SO CONTRARY and THE HUSBAND WHO WAS TO MIND THE HOUSE. The Finnish folktale of a stubborn and shrewish wife; and a Norwegian story of the bad husband and his deserved rebuke.

PUSS IN BOOTS. A French story of a very clever cat who wins fame and fortune for his handsome, but not too efficient young master.

SLEEPING BEAUTY, THE. The romantic beauty, gentleness and symbolism of the classic French love story of the Prince and Princess.

STONE SOUP. That greed and stinginess are ultimately stupid is well illustrated in this French version of a widespread folktale.

THREE LITTLE PIGS, THE. Howard Pyle's story of three daring, independent and resourceful little pigs and how they outwit the ogre.

WONDERFUL TAR-BABY STORY and MR. RABBIT, HE'S A GOOD FISHERMAN. Uncle Remus' classic account of how Br'er Fox outwitted Br'er Rabbit and was in turn out-witted. In the second tale, Br'er Rabbit and Br'er Fox match wits and cunning, but both manage to enjoy a joke together.

OPEN THE DOOR SERIES

ABE LINCOLN GROWS UP --Carl Sandburg
ALICE IN WONDERLAND --Lewis Carroll
CHARLOTTE'S WEB -- E. B. White
DEAD BIRD, THE -- Margaret Brown
GEORGE WASHINGTON CARVER -- Anne Terry White
GOOD MASTER, THE -- Kate Seredy
HENRY HUGGINS -- Beverly Cleary
HUCKLEBERRY FINN -- Mark Twain
IF I RAN THE CIRCUS -- Dr. Seuss
JUST-SO-STORIES -- Kipling
LITTLE HOUSE IN THE BIG WOODS -- L. I. Wilder
MANY MOONS -- James Thurber
MARY POPPINS -- Pamela Travers
MR. POPPER'S PENGUINS -- R. and F. Atwater
TOM SAWYER -- Mark Twain
WINNIE THE POOH -- A. A. Milne

ORIENTATION

OUR WONDERFUL WORLD SERIES

BY PLANE. The experiences encountered when traveling by air are described by the passenger, the pilot and the stewardess. The Wright brothers flight at Kitty Hawk is reenacted while explaining the growth of air travel.

BY TRAIN. The various people connected with train travel are interviewed. The story begins with a tour of the depot and the dispatcher's office and concludes with experiences described while actually on the train.
CHRISTMAS SHOPPING. Shopping activities are described as Jonathan does his first bit of Christmas buying. A department store manager explains the long-term planning required to prepare the stores for the holiday season and the services which aid the buyer during the rush.

LET'S TAKE A TRIP. A discussion of the development of transportation from earliest times to the present. How and why we take trips today, and the planning that is required before a trip are also discussed.

RIDING THE BUS. A bus driver explains the historical development of the bus, the different types of buses and their various uses. The driver indicates the functions of the bus depot.

SEEING AND HEARING. Voices representing the ears and eyes explain the protective care they require. The narrator brings to the listener sounds of the city and describes a variety of sights.

SOUNDS OF THE CITY. Beginning with early morning sounds the narrator takes the listener on a tour of the city. The scenes are described with informative detail. Department stores, restaurants and the farmer's market are among the places visited.

SUPERMARKET. Supermarket operations are described and compared with the stores of earlier years. Marketing, advertising, decoration, displays, and self-service are among the aspects covered.

WHO'S AT THE DOOR? Rules for protection in answering the door are furnished. Several examples of persons who come to the door are portrayed. One caller turns out to be a thief who poses as a delivery man.

THE TWO PARTY SYSTEM IN AMERICA. Senator Everett McKinley Dirksen (R., Ill.) discusses political parties and representative government giving an insight into his powerful political role as Senate Minority Leader.

SCIENCE

GREAT DAYS IN SCIENCE

ALCHEMIST AND THE SCHOLASTIC. Of the debris of crumbling alchemy grew the beginning of chemistry.

ARISTOTLE DISCOVERS HOW HE THINKS. The first of the world's biologists sought the truth, whatever the results.

ATOMIC ENERGY FOR PEACE. Explanation of the use of radioactive isotopes, the practical value of these isotopes in the field of physiological chemistry, the importance of tracer studies in plants, and the hope that some day the work of all atomic scientists may be devoted solely to humanitarian purposes.

CURES AND PREVENTATIVES. The story of man's progress in the mastery of his health from the great plague of Europe in 1340 to the present. Outstanding men such as Jenner, Lister, Pasteur, Kock and Walter Reed are featured.

DALTON FINDS THE ATOM. His work was the foundation of the atomic theory in chemistry. Dalton establishes a table of atomic weights made up of sixteen elements.

DARWIN SAILS ON THE BEAGLE. Portrays Darwin's struggle within himself as to whether or not he should publish the results of his studies. His duty to religion, science and truth, and the reactions of his colleagues are brought out.

ELECTRICITY GOES TO WORK. Edison's struggle to find a suitable material from which to make the filament for his incandescent lamp; the search for electric current in larger quantity; and his improvement of the dynamo.

GALILEO TESTS A THEORY. The story of a ten pound and a one pound shot dropped from the top of the Tower of Pisa. The beginnings of the experimental method in science.

THE GREEKS ASK QUESTIONS. The early Greeks question various old beliefs in science concerning the earth, sun, moon and stars.

HARVEY AND THE BEATING HEART. The great contribution of Dr. William Harvey (1578-1675) to medical science through his discoveries in connection with the circulation of blood.

HERODOTUS REPORTS ON HIS WORLD. An early historian and scientist writes a history which is a mixture of fact and fiction.
LEEUWENHOEK SEES THE LITTLE ANIMALS. He builds a better microscope and speeds the study of minute forms of life.

LINNAEUS MAKES A LIST. Various events in the life of Linnaeus, his journey to Lapland, his catalogue of plants, and his insistence upon the need for accurate observation and a practical system for naming plants.

MAN TAKES ANOTHER LOOK AT HIS UNIVERSE. Some of the great discoveries in the field of astronomy including the theory of the expanding universe. A basis for understanding the scientific method is provided.

MENDEL LEARNS FROM FLOWERS. In spite of many discouragements, Mendel persisted in his study of flowers and developed his theory of recessive and dominant characteristics in garden peas.

MYSTERIOUS RAYS, THE. Madame Curie’s work with radium and the work of many scientists in this field.

NEW THEORY WORKS OUT. The gradual unfolding of the Einstein Theory of Relativity. Points out significant events in the testing of it and its final acceptance.

NEWTON FASHIONS A NEW TOOL. The story of Sir Isaac Newton’s days at Cambridge University and his desire to write poetry.

PASTEUR DISPROVES A THEORY. How Pasteur disproved the theory of spontaneous generation through exhaustive experimentation and observation.

PAVLOV AND HIS DOGS. The story of Pavlov and his experiments on dogs in developing the idea of conditioned responses.

RADIO BECOMES A REALITY. A short history of the various means which have been used since primitive times to communicate over considerable distances: signal fires, semaphore flagging, reflecting sunlight, telegraph and telephone, and Marconi’s development of the wireless.

SCIENCE EMERGES FROM THE UNDERGROUND. The story of Versallius and his contributions to science through the study of the human body.

SCIENTISTS GET TOGETHER. On September 18, 1828, 50 scientists from all over Europe assembled as guests of the German Scientific Society. The promulgated ideas that “science knows no boundaries” and “no man comes to truth alone.”

SCIENTISTS KEEP IN TOUCH. The story of Michelson’s achievements in measuring the speed of light.

SUN, MOON AND STARS. The story of Johannes Kepler and the development of his three laws of planetary motion made possible through his study of Mars.

WHERE IT ALL BEGAN. Over 5000 years ago the Egyptians knew many basic medical facts. Seven hundred years ago the Greeks knew about atoms. The Greek philosopher Democritus discussed the components of matter with his students in 500 B.C. Yet, it was not until 1945 that man was able to make use of atomic energy.

LET SCIENCE TELL US - SERIES 1

Dramatic

AT THE AIRPORT. An adventure aboard a search plane. The principles of flight and navigational aids are explained. The pilot points out the aircraft instruments and their functions.

BIG EYE, THE. The complete story about the giant telescope of Palomar, how the idea originated, pouring the glass, transporting it across the continent, polishing it, and finally installing it.

BLACK DIAMONDS. Coal mining as it was done seventy years ago is contrasted with modern techniques. Social implications of the story afford opportunity for discussion.

CONVERTER, THE. The Life of Henry Bessemer and his contribution to the science of making steel. The development and operation of the Bessemer converter, and its social implications are pointed out.

EUREKA! I HAVE IT. The classic story of Archimedes’ discovery of the principle of buoyancy, stressing the importance of the scientific method in problem solving and the integrity of great scientists.

STARS IN THE SKY. Importance of stars to navigation. After being “closed in” a ship’s captain catches a glimpse of a few stars, locates his position by means of sextant, and proceeds to explain the moving of the constellations and the differences between stars and planets.

FINAL EDITION. An imaginary meeting of all the great scientists of the past, how much of the work of science has been misdirected into channels for evil purposes and war and an expression of hope that the scientists of the world will work together for peaceful and constructive purposes.

FLYING WEATHER. A visit to a weather station. The importance of weather forecasting and methods of gathering weather information.

GREAT GENIUS, THE. Life of Sir Isaac Newton, his great contributions to the field of science, his laws of motion, his theory concerning the nature of light and his intellectual curiosity about the nature of the universe.

HOW DO THEY FIND IT? Adventure of two rival oil scouts who are trying to find oil in a new area. Emphasizes the fact that locating oil fields is a scientific business and not just a lot of guess work.
IN THE DEEP. William Beebe's great adventure in deep sea diving. The almost infinite variety of fish found below the ocean's surface and other forms of life, both plant and animal are mentioned.

INTO THE PAST. An imaginary flight through time, from the end of the Archeozoic Era, through successive periods up to the end of the last glacial epoch. The kinds of plant and animal life within each period and the changes that took place in the surface of the earth are explained.

MAKING IRON INTO STEEL. The process of changing iron ore into steel. The functions of coke and limestone the charging and tapping of the open-hearth furnace are described.

OIL. The story of the oil fields in Oklahoma, explaining the modern methods of drilling and refining oil in contrast with those of the past.

RUBBER TIRES--THE STORY OF CHARLES GOODYEAR. A true account of the accidental discovery of the vulcanization of rubber. The discouraging failures of Charles Goodyear, his final triumph and the importance of his discovery.

SAVIOUR OF THE SOUTH. Life story of George Washington Carver, his struggle to get an education, how he gave up a pleasant position to accept the challenge of serving the people of the South and how he taught them that "they didn't have to be poor" if they used science in their farming.

TUNNEL BUILDERS. The builders of a tunnel, the use of compressed air in such operations, and the technical problems to be solved in working under water at extremely high pressures. Useful in a study of how man uses air.

WHAT DO YOU BELIEVE? A newspaper reporter and his young pal succeed in exposing a fake fortune teller. Provides opportunity for the discussion and exploration of many superstitions.

WHAT'S AROUND US? Mickey has a dream about great scientists of the past and provides Mr. Doyle, a reporter, with an interesting story.

THE WRIGHT BROTHERS. Account of the building and flying of the first airplane at Kitty Hawk, North Carolina and the rapid development of the industry from crude beginnings to the jet age.

LET SCIENCE TELL US-SERIES II

ALL ABOUT ATOMS. Man first wondered about atoms 2500 years ago, but it was not until the eighteenth century that John Dalton experimented to find out more about them. Includes a visit to the Oakridge, Tennessee nuclear reactor.

ANCIENT ASTRONOMER. When Ptolemy predicted an eclipse of the sun in 140 A.D., people laughed at him. However, when the eclipse did occur, the ignorant people blamed him, and called "black magic."

AS FAST AS LIGHTNING. The Chinese invented the first rocket about 700 years ago. During the second world war, rockets were used as missiles by the Germans. Later, United States scientist at White Sands, New Mexico, used them for experimental purposes.

ATOM SMASHER. Dr. J. W. Bookta and Dr. Clarence Beck discuss atomic research, useful applications of the atom, its importance to biological and medical science and its present and future use.

BALLOON MEN, THE. The history of the balloon as a means of air travel and its experimental uses are traced from the first unsuccessful balloon flight of two Frenchmen in 1783 to the crash of the dirigible "Hindenberg" in 1937.

DISEASE FIGHTERS. Edward Jenner's experiments and development of a smallpox vaccine. Anthony Antibody and Sammy Smallpox demonstrate how our body fights diseases.

DYNAMITE KING. Nobel's specialty was nitroglycerin, a highly explosive substance. An accident led to the discovery of dynamite, a safe and more acceptable explosive.

FATHER OF CHEMISTRY. How Antoine Lavoisier laid the groundwork for the science of chemistry.

FEELING IS BELIEVING. Although little is known about the causes of earthquakes, scientists use an instrument called a seismograph to measure the length and intensity of the quakes and other disturbances in the earth's crust.

GREAT PARADOX, THE. The importance and also the dangers of fire to man. Traces ways of obtaining fire from ancient times up to the present day of safety matches. Explains processes involved in burning.

HE IMPROVED GREAT INVENTIONS. At the age of 28, Irving Langmuir joined the research staff at General Electric. He sought and found an improvement for Edison's invention, the electric light bulb. He was awarded a Nobel Prize in 1932 for his work in improving great inventions.

HE SAW THROUGH THINGS. Sir William Crooks, the discoverer of electrons, dreamed of what science could one day accomplish, and foresaw many of the inventions that we take for granted today. His inventions, which he called "mere scientific gadgets" paved the way for incandescent lamps.

MAKING THE MOST OF LIFE. A story about Dr. Manfred Ackel, who did research in treating the mentally ill.
MIRACLE DRUG--PENICILLIN. An unusual accident lead to the discovery of penicillin by Dr. Alexander Fleming in England in 1928. Fifteen years later, the United States spent much money to mass-produce the wonderful life-saving drug.

OFF WE GO. An on-the-spot interview with a pilot and regional flight operations officer for Northwest Airlines. Capt. Tom Hennessey talks about the effects of weather on a plane, describes the plane and scientific principles underlying its flight, and why he became pilot.

READING THE WEATHER. The story of the formation of the United States Weather Bureau.

STAR IS PLUCKED. When Nicholas Copernicus first announced his hypothesis that the earth revolved around the sun, he was laughed at. He spent his life working to prove his hypothesis.

STORM WARNER. A visit to the U.S. Weather Bureau station at Wold-Chamberlain airfield in Minneapolis. Answers questions about the weather, tells how weather forecasts are made, and described weather instruments.

STORY OF ALUMINUM. Charles Hall discovered the electrolytic process which greatly reduced the cost of producing aluminum, one of the most abundant and useful metals in the world.

STORY OF A WATERFALL. The earth gives details of itself through rocks and rock formations, and geologists gather and interpret these details.

TILLERS OF THE SKY. On December 17, 1903, the Wright brothers tested their new invention. People in their home town, Dayton, Ohio, made fun of them.

TIME JUMPS BACK. Before 1883, there was no such thing as standard time in the United States. A school principal, Charles Dowd solved the problem of time by devising a system of standard time for the United States.

WIRELESS MAN, THE. The sinking of the Titanic put wireless radio into the news. Waiting to hear of the fate of the Titanic, Mount, the man who invented the wireless, tells his story and how he invented the wireless.

LET SCIENCE TELL US -- SERIES IV

FLOWER OUT OF WATER. Lee and Lois, on a trip down an African river, learn much about how plants adapt to their environment.

GLANDS AND THE HUMAN TRANSFORMER. The digestive process and the functions of our glands.

HOW CAN WE MEASURE HEAT? PART I. Galileo's invention of the first thermometer, its basic principles, the Fahrenheit and Centigrade scales are discussed and compared.

HOW CAN WE MEASURE HEAT? PART II. Explains how the thermometer works and tells how to change Fahrenheit to Centigrade.

HOW DO WE USE HEAT? PART I. Explains why metal expands when heated.

HOW DO WE USE HEAT? PART II. Discusses the basic principles of heat, the three ways of heating materials and various heating systems used in buildings.

HOW DO PHYSICAL SCIENTISTS WORK? The most important attribute for the physical scientist is curiosity. With this curiosity, he sets out to prove things. "A good scientist will never announce a discovery until it has been proved."

HOW DO WE BREATHE? Describes the organs, mechanisms and processes of respiration.

HOW DO WE HEAR SOUNDS? A doctor tells the king that he talks too loudly and that this is the cause of his earache. He tells the king all about the parts of the ear.

HOW DO WE USE ENERGY? Two men discuss energy and work which is a product of energy. Shows how man has made use of energy through the years.

HOW IS ENERGY MEASURED? Professor Forceful P. Inertia, a mythical scientist who invented energy, discusses the four types of force and the names and definitions of energy.

HOW IS LIGHT ENERGY USED? Osmanci, a British gentleman, sees a ghostly face at his window one night. It is a while before he finds out that the face was that of his servant who was experimenting with fluorescent lighting.

HOW IS OUR KNOWLEDGE OF SOUNDS USED? In broadcast studios, soundproof booths are used to keep out background noises. Defines acoustics and its importance to good conduction of sound.

HOW YOU HAVE CHANGED. Dr. Willard Onsicker discusses the earliest forms of man based on the evidence of scientists. Includes the Java man, the Peking man, the Pittdown man, the Neanderthal man, the Cro-Magnon man, the Swiss lake dwellers, and the age of metal.

HOW DO WE KNOW? The story of Karl Linnaeus, the "Father of Botany," who worked out a system of classification for plants.
HOW WE'RE MADE. Members of a very important organization, the human body, get together to answer questions about their organization. They are Mr. Cartilage P. Bone, Mr. Tendon F. Muscle, Miss Nervous System and Miss Metabolism.

HUMAN MACHINE. The human body can be compared to a machine. The skeleton, limbs, bones, and muscles are discussed and compared with the corresponding parts of the body of other vertebrates.

HUMAN PUMP. While doctor is caring for an injured boy he tells the other brother about the heart, the way in which blood is pumped throughout the body and about first aid—how to apply a tourniquet and care for wounds.

HUMAN TELEGRAPH. Danny and Jeannie are having trouble studying for an exam. Their older sister, who is in college, tells them how to acquire good study habits. They have a discussion about the brain and how it sends and receives messages from the body.

LAND WE LIVE ON. Dr. Willard Onsicker, talks about the science of geology; how geologists find out the age of the earth through rocks; the types of rocks, fossils, and petrofaction.

LEOPARD GETS HIS SPOTS. Lois and Lee find out about the leopard's adaptation to his environment by means of his spots, his great speed for catching his prey, and other ways in which he is fitted for surviving in the jungle.

LIFE THROUGH THE AGES. Professor Willard Onsicker discusses geology and how this science determines the age of the earth through fossils. Describes the five geological ages and the possibilities of our evolution from the lower forms of life.

LITTLE DEMONS, BIG BROTHERS. Von Leeuwenhoek's invention, the microscope, opened the door for research of diseases and germs that cause them. Robert Koch was a pioneer in disease research.

LOOKING AT THE INVISIBLE. Anton Von Leeuwenhoek works on his invention, the microscope. He observed things too small for the naked eye, and described his observations in a letter to the Royal Society.

MAKING THINGS BETTER. How does man help nature do a better job? Story of Gregor Mendel.

ON OUR BODY'S BATTLEFRONT. Discusses the ways in which our bodies fight disease and infection, with help of medical science or the body's own ingenious method of fighting germs.

SCIENCE OF LIFE. A history of the science of biology from Thales, a Greek scientist of 500 B.C. to Aristotle who is called the father of biology.

SCIENTIFIC TRUMPH. Dramatizes how Dr. Edward Trudeau cured himself of tuberculosis by rest in the mountains.

STORY OF CELLS. Life on earth began with single celled creatures which evolved into those with many cells. The most complicated creature in existence is man.

USING WHAT WE KNOW. With the knowledge that scientists have of heredity, due to the work of Gregor Mendel, they can improve plants and animals. Grafting and budding in plants and the pedigree system in animals are explained.

WHAT ARE MAGNETS? The uses of magnets, compasses, and how magnets work are discussed.

WHAT ARE SOME USES OF ELECTRICITY? Scherezade tells the ancient story of Aladdin and his magic lamp. However, the lamp's genie is a modern one—electricity.

WHAT ARE THE DIFFERENT KINDS OF ENERGY? Explains that there are different types of energy which perform work, the most basic of which are kinetic energy and stored mechanical energy.

WHAT ARE THINGS MADE OF? Dramatizes two men living in the Dark Ages and shows a world without chemistry. Includes a discussion of chemical compounds, matter and forms of matter.

WHAT BIRD OR FISH IS THAT? Bill and Ted, who are writing a paper for their science class, talk about birds and fish and discuss their characteristics, dramatization of the life of the artist and naturalist, John J. Audubon.

WHAT EFFECT DO LENSES HAVE ON LIGHT? A story of a kingdom of nearsighted people is used to tell about the principle of eyeglasses. Discusses various types of lenses.

WHY DO THINGS HAVE DIFFERENT COLORS. Newton's experiments with prisms explain the color of sunlight and why objects have color.

WHAT IS ELECTRICITY? A short history of how electricity was put to use. Dramatizes Ben Franklin's experiment with a kite in a thunderstorm. Explains electricity, electric current, dry cells, conductors of electricity and lightning.

WHAT IS ELECTROMAGNETISM? A boy daydreams that he is Michael Farraday inventing an electromagnet. Then he is Samuel Morse inventing the telegraph. Finally he becomes Alexander Bell inventing the telephone.

WHAT IS HEAT? Heat is one of the four essential requirements for life. On an imaginary rocket trip to Pluto, spacemen see a world without light and without heat.

WHAT IS MUSIC? How man created music and the instruments that he used. The intricate science of music, pitch, loudness and their relationship to math and physics.

WHAT IS PHYSICAL SCIENCE? A man of the thirteenth century is brought into the twentieth century to view the marvels of science.
WHAT IS THE NATURE OF LIGHT? Explores the theories of light from the days of the alchemists to the modern day.

WHAT HAPPENS WHEN LIGHT STRIKES OBJECTS. The eighteenth century scientist, Kristen Huygens, discovered much about light and shadows.

WHAT MAKES SOUNDS? Mr. Goodberry learns about what makes sound. He hears a demonstration from the "Whispering Gallery" in the Chicago Museum of Science and Industry.

WHAT OUR BODIES NEED. When the pupils in Miss Thompson's room decide to plan and cook a meal, they learn much about the foods our bodies require and what food does for our body.

WHAT TREE IS THAT? Due to a back injury, Buddy cannot fulfill his wish to become a lumberjack. However, he learns about trees, their leaves, their roots and how they are nourished.

WHY WE ARE DIFFERENT. Professor Onsicker discusses how man has adapted to his environment and what makes him different from other creatures.

WONDER WORKERS. The story of Walter Reed and his fight against yellow fever and of Alexander Fleming's discovery of penicillin.

SPACE AND AEROSPACE

IMPORTANT EVENTS IN AEROSPACE

THE NC-4 CROSSES THE ATLANTIC. Account of the Navy's preparation for a flight across the Atlantic in 1919. Only the NC-4 was successful in making the crossing, and so blazed the way for today's globe-girdling giant air ships.

THE ROCKET MAN. The story of Dr. Robert Hutchings Goddard (1882-1945), researcher, scientist and father of modern rocketry.

WRIGHT'S FLIGHT. The story of Wilbur Wright's historic flight in 1909 over New York City.

SPEECH

FUN WITH SPEECH SERIES

Designed for use in the primary grades to help children learn new words through experiences they gain by following the instruction on the programs. The new words are learned in meaningful context. Speech consciousness and discrimination of sounds are improved. Youngsters with speech handicaps will profit from the various exercises in pronouncing the major sounds utilized in the formation of individual words. Letters in parenthesis indicate the particular sound studied in that program.

ARE YOU SLEEPING? (ng)
BIG FLY (v)
BOBBY'S HAIRCUT (zh)
THE BRAVE BEE (t)
CAR THAT WOULDN'T GO (w)
CARNIVAL OF FUN
CLOCK (t)
FRIENDS IN THE RAIN (sl)
GALLOPING PONIES (g)
HUMMING TOP
JOHNNY AND THE BONE (k)
JOHNNY JUMPER (j)
LET'S GET ACQUAINTED
THE LITTLE SNAIL (s)
THE LOST PUPPY (y)
MAD CAT (t)
MAD DOG (d)
MOTOR BOAT (b)
THE MAD DOG MEETS FRIENDS (r blends)
NAUGHTY MOSQUITO (n)
OLD GRAY GOOSE (th)
PLAY BOO (b)
THE PROUD ENGINE (ch)
THE RAIN STORM (I)
SHOO! SHOO! SHOO! (sp)
TEN LITTLE CANDLES (wh)
TIRED OLD MAN (k)
WOODPECKER (d)
Study prints are grouped into sets related to various subject matter areas. Each print has a complete description, suggested utilization, and correlated things to do and discuss. Please order by SET TITLE. Study print sets may be loaned for two weeks. USE THUMB TACKS ONLY on prints that have die cut openings for tacks. Do not request more materials than you can use effectively since other teachers may need these titles in the same period.

ABRAHAM LINCOLN COUNTRY
IMED 14 Prints ej

Scenes of Lincoln’s Boyhood and Young Manhood. Follows footsteps of Lincoln from Kentucky to Indiana to New Salem and finally to Springfield.

ALASKA
IMED 21 Prints pej

The native peoples of our 49th state as they live and play. Industry, transportation, mountains, forests, tundra, wildlife and a multiple exposure of the midnight sun.

AMERICAN INDIANS SERIES
PSG Color 8 Prints pe

Large size illustrations depicting dwellings, dress, arts and crafts, customs, food, tools, and other specific tribal or regional characteristics. Set includes: Indians of the Plains, California-Nevada, Northwest Coast, Southeastern Woodlands, Northeastern Woodlands, and the Southeast.

ANIMALS WITHOUT BACKBONES
SVE 8 Prints pej

1. Octopus
2. Ground Beetle
3. Crayfish
4. Millipede
5. Scorpion
6. Snail
7. Starfish
8. Orange Garden Spider

BROADLEAF TREES
SVE 8 Prints pej

1. Red Oak
2. Mountain Ash
3. Quaking Aspen
4. Ohio Buckeye
5. Flowering Dogwood
6. American Elm
7. Sugar Maple
8. Weeping Willow

CHILDREN OF AFRICA
SVE 8 Prints pe

1. Latifa of Morocco
2. Rabi of Nigeria
3. Houssein of Egypt
4. School Children of Ethiopia
5. Takuya, Boy of the Mari
6. Mawire and Gotora of Rhodesia
7. Kwi of the Kalahari Desert
8. Jan and Marta of South Africa

CHILDREN OF ASIA
SVE 8 Prints pe

1. Aung of Burma
2. Haruko of Japan
3. Ah Wang of China
4. Shao Yuan of Hong Kong
5. Ranjit of India
6. Vipha, Girl of Thailand
7. Ali of Saudi Arabia
8. Ziva of Israel

CHILDREN OF AUSTRALIA AND PACIFIC ISLANDS
SVE 8 Prints pe

1. Ansig of the Sulu Islands
2. Manuel of the Philippines
3. Lingud of Sarawak, Malaysia
4. Children of Sumatra
5. Children of Samoa
6. Marjorie of Australia
7. Jack of New Zealand
8. David and Moko of Hawaii
CHILDREN OF EUROPE
SVE 8 Prints pe
1. Peit of the Netherlands
2. Jean-Pierre and Nicole of France
3. Emilio of Spain
4. Hanna and Andrzej of Poland
5. Franz of Austria
6. Sigrid of Sweden
7. Sofi of Lapand
8. Anna of Germany

CHILDREN OF NORTH AMERICA
SVE 8 Prints pe
1. Little Star A Navajo Girl
2. Oolak of Alaska
3. Charles of Canada
4. Jimmy Lives On a Ranch, USA
5. Rosita of El Salvador
6. Pablo and Maria of Honduras
7. Roberto of Mexico

CHILDREN OF SOUTH AMERICA
SVE 8 Prints pe
1. Suka of Peru
2. Caya of Ecuador
3. Tomas of Bolivia
4. Manuolo of Venezuela
5. Juan of Colombia
6. Jorge of Chile
7. Takuma of Brazil
8. Jose and Ernesto of Argentina

COMMON INSECTS
SVE 8 Prints pe
1. Monarch Butterfly
2. Red-Legged Grasshopper
3. Cicada
4. Dragonfly
5. Ant
6. Housefly
7. Honeybee
8. Mosquito

COMMON ROCKS AND ROCK FORMING MINERALS
SVE 8 Prints pe
1. Sedimentary Rocks
2. Igneous Rocks
3. Metamorphic Rocks
4. Fossils
5. Calcite Minerals
6. Feldspar Minerals
7. Silica Minerals
8. Mica and Dark Minerals

CONTOUR STRIP CROPPING, TERRACING, & WINDBREAKS
USDA Color 12 Prints ejs
(Order by Set)
Full color photographs from 52 States and territories showing projects of US Soil Conservation Series. Order by Set Title.

CONSERVATION AND NATIONAL RESOURCES
USDA Color 12 Prints ejs
(Order by Set)
Contour Strip cropping, Terracing, and Windbreaks.

DAIRY HELPERS
SVE 8 Prints pe
1. Farm Boy at Work
2. Using Milking Equipment
3. Checking Milkhouse
4. Milk Tank Truck
5. Milk Processing
6. Milk Bottling
7. Warehouseman Loading Truck
8. Home Delivery Milkman

DAY AND NIGHT AND THE SEASONS
EBE Color 10 Prints ej
Enable students to acquire basic understandings of earth-sun relationships in every season. Titles include:
Day and Night
Revolution of the Earth
Summer Solstice in the Northern Hemisphere
Winter Solstice in the Southern Hemisphere
Winter Solstice in the Northern Hemisphere
Summer Solstice in the Southern Hemisphere
How the Equatorial Region is Established
Heating and Cooling of the Earth’s Surface
The Midnight Sun I and II
FALL AND WINTER HOLIDAYS
SVE 8 Prints pe
1. Columbus Day
2. Halloween
3. Veterans Day
4. Thanksgiving
5. Christmas
6. Lincoln's Birthday
7. Valentine's Day
8. Washington's Birthday

FARM AND RANCH ANIMALS
SVE 8 Prints pe
1. Dairy Cows (Guernsey)
2. Horse and Foal
3. Hen and Chicks
4. Turkey
5. Geese
6. Hog and Shoats
7. Sheep and Lambs
8. Beef Cattle (Hereford)

FAMILIAR BIRDS-THEIR YOUNG AND NESTS
SVE 8 Prints pe
1. Ruby-Throated Hummingbird
2. Killdeer
3. Bobwhite Quail
4. Eastern Kingbird
5. Mallard Duck
6. American Goldfinch
7. Scarlet Tanager
8. Red-Shafted Flicker

FAMILAR CLOUD FORMS
SVE 8 Prints pe
1. Cumulus (Fair Weather)
2. Cumulus (towering)
3. Cumulonimbus
4. Altocumulus
5. Cirrus
6. Cirrostratus
7. Stratocumulus
8. Fog

FAMILIAR FRESH-WATER FISH
SVE 8 Prints pe
1. Yellow Perch
2. Northern Pike
3. Brown Bullhead
4. Largemouth Bass
5. Brook Trout
6. Carp
7. Common Shiner
8. Popular Pan-Fish, Blue Gill, Pumpkinseed, Black Crappie, Rock Bass

FAMILY AT WORK AND PLAY
SVE 8 Prints pe
1. Family visits the Zoo
2. Family activities at home
3. Leaving for School
4. Family Shopping for Shoes
5. Mother Works in an Office
6. Father Works in Printing Plants
7. Fun on a Playground
8. Family Responsibilities in the Home

FIRE DEPARTMENT HELPERS
SVE 8 Prints pe
1. Truck Company
2. Engine Company
3. Firemen with Equipment
4. Rope Drill
5. Answering a Call
6. Sleeping Quarters
7. Fighting the Fire
8. Fire Safety Instruction

HISTORICAL RECONSTRUCTIONS OF POMPEII
Color 4 Prints js
Colorful prints show well preserved ruins. Hinged acetate overlays reveal reconstructed scenes of Roman Life. Series includes:
The House of the Faun
The Pistrinum (Bakery)
The Theater
The Temple of Apollo

HISTORICAL RECONSTRUCTIONS OF ROME
Color 7 Prints js
Show scenes of Roman ruins as they exist today; hinged overlays in color give an idea of how these same scenes may have appeared originally. Series includes:
The Picture Map of Roman Forum
The Roman Forum: Two partial views
The Circus Maximus
The Colosseum
The Basilica of Maxentius
The Mausoleum of Hadrian

HISTORY OF MICHIGAN IN PAINTINGS
MHC Color ejs
(Order by Set
HISTORY OF MICHIGAN IN PAINTINGS II
MHC Color ejs
(Order by Set)


HISTORY OF MICHIGAN IN PAINTINGS III
MHC Color ejs

HOSPITAL HELPERS
SVE 8 Prints pe
1. Surgical Group Operating
2. Ambulance Helpers
3. Reception Desk Helpers
4. Doctor Examining Patient
5. Preparing Patient for X-Ray
6. Nurse and Aide
7. Dietitians Check Food Trays
8. Physical Therapist

HOW PEOPLE TRAVEL IN THE CITY
SVE 8 Prints pe
1. City Bus
2. Jet Airliner
3. Taxicab
4. Subway Train
5. Elevated Train
6. Freeway
7. Commuter Train
8. Ferryboat

IGNEOUS AND METHAMORPHIC ROCKS
IA 6 Prints ej
Definition, identification, and nomenclature, texture, and color.

IMPORTANT MINERALS
SVE 8 prints pej
1. Copper Minerals
2. Native Gold
3. Iron and Manganese Minerals
4. Lead and Zinc Minerals
5. Tin and Aluminum Minerals
6. Uranium Minerals
7. Nickel, Titanium, Tungsten, and Molybdenum Minerals
8. Salt and Sulphur Minerals

IN THE FALL
SVE 8 Prints pe
1. Black Bear in a Woodland
2. Pheasants as Gamebirds
3. Harvesting Corn
4. Roadside Stand
5. Indian Summer
6. Cycling in the Woods
7. Playing Football
8. Milkweed Seed Pods

IN THE SPRING
SVE 8 Prints pe
1. Doe and Fawn
2. Yellow Warbler
3. Planting Corn
4. Making Maple Syrup
5. Spring Showers
6. Kite Flying
7. Playing Jacks
8. Picking Flowers

IN THE SUMMER
SVE 8 Prints pe
1. Squirrel in an Oak Tree
2. A Pelican Learns to Fly
3. Harvesting Wheat
4. Picking Cherries
5. Summer Rainbow
6. Fun at the Fair
7. Playing Baseball
8. Friends Go Fishing

IN THE WINTER
SVE 8 Prints pe
1. A Mink in its Winter Coat
2. Feeding the Winter Birds
3. Feeding Beef Cattle
4. Picking Oranges
5. Snow Storm in the City
6. Skiing With Father
7. Making a Snowman
8. Cleaning Snow From Streets

INSECTS HARMFUL TO MAN
EBE Color 10 Prints ej
Help students differentiate insects, recognize stages of insect life cycle, and develop skill in picture analysis and inductive reasoning. Includes termites, mosquitoes, fleas, cockroaches, aphids, earwigs, boil weevils and houseflies.
<table>
<thead>
<tr>
<th>KEEPING THE CITY CLEAN AND BEAUTIFUL</th>
<th>NEIGHBORHOOD FRIENDS AND HELPERS</th>
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<tbody>
<tr>
<td>SVE</td>
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<td>8 Prints</td>
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<tr>
<td>1. Street Cleaning</td>
<td>1. Neighborhood Librarians</td>
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<td>2. Tree Care</td>
<td>2. Delicatessen Helpers</td>
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<td>4. Refuse Collection</td>
<td>4. Shoe Repair Helpers</td>
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<td>5. City Refuse Incinerator</td>
<td>5. Beauty Salon Operators</td>
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<td>7. Window Washing on High Rise</td>
<td>7. Gas Station Attendant</td>
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<td>8. Home and Yard Care</td>
<td>8. Dentist and Dental Assistant</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LAND FORMS OF RUNNING WATER</th>
<th>PARTS OF THE BODY</th>
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<tbody>
<tr>
<td>SVE</td>
<td>EBE</td>
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<td>10 Prints</td>
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</tr>
<tr>
<td>1. Mature Stream Topography</td>
<td>How human body parts are constructed, how</td>
</tr>
<tr>
<td>2. Youthful Stream Topography</td>
<td>they grow and develop, and how they</td>
</tr>
<tr>
<td>3. Mississippi River Delta</td>
<td>function. Includes these titles:</td>
</tr>
<tr>
<td>4. Braided Stream</td>
<td>The Teeth</td>
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<td>5. Alluvial Fan</td>
<td>Tooth Structure</td>
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<td>6. Niagara Falls</td>
<td>How the Eye Works</td>
</tr>
<tr>
<td>7. Grand Canyon</td>
<td>The Ear</td>
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<td>8. Rainbow Natural Bridge</td>
<td>Nose and Throat</td>
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<td>Digestion-The Stomach and Intestines</td>
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<td>The Heart</td>
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<td>Chest and Lungs</td>
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<td>Bones and Joints</td>
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<td>The Foot</td>
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<thead>
<tr>
<th>LEARNING ABOUT DINOSAURS</th>
<th>PASTURE IMPROVEMENT AND LAND MANAGEMENT</th>
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<tr>
<td>EBE</td>
<td>USDA</td>
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<td>10 Prints</td>
<td>color</td>
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<td>color ej</td>
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<tr>
<td>Pictures of dinosaur reconstructions with</td>
<td>Full color photographs from 52 states and</td>
</tr>
<tr>
<td>supporting fossil illustrations. A good</td>
<td>territories showing projects of US</td>
</tr>
<tr>
<td>follow-up activity after showing &quot;Message</td>
<td>Conservation Series. Order by Set Title.</td>
</tr>
<tr>
<td>From a Dinosaur.&quot; Eight major dinosaur</td>
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<td>groups.</td>
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<th>MOTHS AND BUTTERFLIES</th>
<th>FETS</th>
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<tr>
<td>1. Tiger Swallowtail Butterfly</td>
<td>1. Parakeets</td>
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<td>2. Buckeye Butterfly</td>
<td>2. Collie and Pups</td>
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<tr>
<td>3. Fritillary Butterfly</td>
<td>3. Cat</td>
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<td>5. Cloudless Sulphur Butterfly</td>
<td>5. Pet Rabbit</td>
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<tr>
<td>7. Polyphemus Moth</td>
<td>7. Goldfish</td>
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<td>8. Promethea Moth</td>
<td>8. Turtle</td>
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<thead>
<tr>
<th>MOVING GOODS FOR PEOPLE IN THE CITY</th>
<th>POLAR REGIONS: ARCTIC AND ANTARCTIC</th>
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<td>SVE</td>
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<td>6 Prints</td>
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<tr>
<td>1. Ocean Freighter and Railroad Cars</td>
<td>Polar ice caps, seas, polar climate, tundra</td>
</tr>
<tr>
<td>2. Fuel Oil Truck</td>
<td>tundra &quot;soils,&quot; and animal and bird life.</td>
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<tr>
<td>3. Barge and Tugboat</td>
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<tr>
<td>4. Jet Freighter</td>
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<td>5. Railroad Freight Yards</td>
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<td>6. Ready-Mix Concrete Truck</td>
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<td>7. Moving Van</td>
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<td>8. Truck Terminal</td>
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<p>| MULTIPURPOSE &amp; RECREATIONAL PONDS, LAKES &amp;   | POLICE DEPARTMENT HELPERS                   |</p>
<table>
<thead>
<tr>
<th>STREAMS</th>
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<tr>
<td>USDA</td>
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<tr>
<td>Full color photographs from 52 states and</td>
<td>1. Administering First Aid</td>
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<tr>
<td>territories showing projects of US Soil</td>
<td>2. Roll Call</td>
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<tr>
<td>Conservation Series. Order by Set Title.</td>
<td>3. Target Practice</td>
</tr>
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<td>4. Squad Car Officers</td>
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</tbody>
</table>
5. Traffic Control Officer
6. Crossing Guard and Patrol Boy
7. Police Canine Patrol
8. Crime Laboratory In Operation

POSTAL HELPERS
SVE 8 Prints pe
1. Serving Customers
2. Mailbox Pickup
3. Canceling Stamps
4. Sorting Mail
5. Delivering Mail
6. Loading Relay Trucks
7. Highway Post Office Truck
8. Loading Mail at Airport

REPTILES AND AMPHIBIANS
SVE 8 Prints pe
1. Toad
2. Box Turtle
3. Alligator
4. Bullfrog
5. Leopard Lizard
6. Spotted Salamander
7. Five-lined Skink
8. Garter Snake

SCHOOLFRIENDS AND HELPERS
SVE 8 Prints pe
1. Teacher in the Classroom
2. Teacher on the Playground
3. The Principal and Her Helpers
4. School Librarian
5. Hearing Tester
6. Custodians
7. Cafeteria Helpers
8. School Bus Driver

SIMPLE MACHINES
EBE 10 Prints ej
Principles and application of six simple machines explained with drawings, diagrams and texts. Includes:
- Inclined Planes
- Wedge
- The Screw
- Wheel and Axle
- The Pulley

SOLAR SYSTEM
EBE 10 Prints ej
Helpful in exploring the relationship of size, distance, and movements of solar objects. Includes the following:
- The Sun and The Planets
- The Sun (The Solar Surface)
- Venus
- The Earth
- The Moon
- Lunar Crater
- Mars
- Jupiter
- Saturn
- Comets

SPRING AND SUMMER HOLIDAYS
SVE 8 Prints pe
1. Armed Forces Day
2. Easter
3. Arbor Day
4. Mother's Day
5. Memorial Day
6. Flag Day
7. Independence Day
8. Labor Day

SPRING WILD FLOWERS
SVE 8 Prints pe
1. Jack-In-The-Pulpit
2. White Trillium
3. Dogtooth Violet
4. Bloodroot
5. Skunk Cabbage
6. May Apple
7. Blue Violet
8. Spring Beauty

SUPERMARKET HELPERS
SVE 8 Prints pe
1. Stocking Shelves
2. Packaging Produce
3. Serving Produce Customer
4. Store Dairy Manager
5. Preparing Meat
6. Customer Service
7. Checking Out an Order
8. Unloading Products

WATER CONSERVATION & IRRIGATION MANAGEMENT
USDA color 14 Prints ejs
(Order By Set)
Full color photographs from 52 States and territories showing projects of US Conservation Series-Order by Set Title.

WILD ANIMALS
SVE 8 Prints pe
1. Red Fox
2. Cottontail Rabbit
3. White Tailed Deer
4. Striped Skunk
5. Muskrat
6. Gray Squirrel
7. Opossum
8. Woodchuck

ZOO ANIMALS
SVE 8 Prints pe
1. Elephant
2. Chimpanzee
3. Giraffe
4. Hippopotamus
5. Lion
6. Rhinoceros
7. Tiger
8. Mountain Goat
Masterpieces of fine art in reproduction have an important role to play in the entire school curriculum and are vital instruments of learning with which to stimulate thought, perception, and imagination. The approach to the use of art reproductions in the classroom varies according to the age of the class, the teacher’s aim for any particular lesson, and the subject matter to be covered.

The following list of several various disciplines identifies some of the ways in which reproductions can contribute to curriculum enrichment:

- **ENGLISH and READING** - to illustrate themes, settings, customs, characters in literature.
- **FOREIGN LANGUAGES** - to introduce the culture which produced the language under study.
- **SOCIAL STUDIES** - to illustrate the history, customs, culture, terrain, costumes and occupations of the countries of the world and in elementary social studies as a basis for discussing the child and his world.
- **SCIENCE** - to lend immediacy and concreteness to the study of scientific principles by illustrating their application to the world around us.
- **MATHEMATICS** - in the upper grades, use painting to illustrate mathematical concepts; geometrical shapes as found in life, distance length, width, depth, perspective and balance.
- **GUIDANCE** - the use of works of art to stimulate conversation.
- **TEAM TEACHING** - as motivation and as a link for units of study.
- **HUMANITIES PROGRAM** - as a unifying link between subject.

Art prints are listed with the artists' last names arranged in alphabetical order. Following the artist's name is the title of the print. Please order on separate order forms following a calendar month, giving both artist and title. Art prints may be requested for a three-week booking period with additional time available if requested at time of order. Most prints are dry mounted on durable mounting board and are protected with a low lustre spray. Do not attempt to wipe with a wet cloth. Many prints are mounted on 22" x 28" stock with some variations in size. When prints are grouped into a set, please order by set title. You are welcome to visit the IMC to preview or evaluate any of the printed listed.
CHAGALL - "I AND MY VILLAGE"
CHAGALL - "LES PLUMES en FLEURS"
COOK - "SETTING SAIL"
COPLEY - "PORTRAIT OF PAUL REVERE"
CURRIER & IVES - "TROTTLING CRACKS AT THE FORGE"
CURRY - "THE FLYING CODONAS"
DALI SALVADOR - "THE SACRAMENT OF THE LAST SUPPER"
DA VINCI - "THE LAST SUPPER"
DA VINCI - "MONA LISA"
DEGAS EDGAR - "BALLET GIRLS ON THE STAGE"
DEGAS - "BALLET ENCORE"
DEGAS EDGAR - "BALLET GIRLS ON THE STAGE"
DEGAS - "BALLET ENCORE"
DEGAS - "DANCERS AT REST"
DEGAS - "DANCERS IN PINK"
DEGAS - "L'ABSINTHE"
DEGAS - "THE LAUNDRESS"
DEHN - "MINNESOTA FARM"
DE HOOCH PETER - "THE CELLAR ROOM"
DERAIN - "HARLEQUIN"
DUCHAMP - "NUDE DESCENDING A STAIRCASE"
DUFY RAOUl - "JOCHUP AT PADDOCK"
DUFY RAOUl - "MEDITERRANEAN SCENE"
DUFY RAOUl - "NORMANDY TREE"
DUFY RAOUl - "PADDOCK at DEAUVILLE"
DURER ALBRECHT - "FRAYING HANDS"
EL GRECO - "ST. MARTIN and THE BEGGAR"
ERNST MAX - "FLYING GEESE"
FEININGER - "THE SIGHT of A VILLAGE"
FRA ANGELICO & FRA FILIPO LIPPI - "THE ADORATION of THE MAGI"
GAINSBOROUGH - "BLUE BOY"
Gasser - "PEACEFUL HARBOR"
GAUGUIN - "FEMMES de TAHITI"
GAUGUIN - "LA ORANA MARIA"
GAUGUIN - "STILL LIFE w/FLOWERS and FRUIT"
GROSZ - "CENTRAL PARK"
HALS FRANZ - "THE BOHEMIAN"
Homer - "FOG WARNING"
Homer Winslow - "THE GULF STREAM"
Hopper - "GROUND SWELL"
Hopper Edward - "SEVEN A.M. 1948"
Huntington - "ABRAHAM LINCOLN"
"JOHN F. KENNEDY"
KAHILL - "THE COLLECTOR"
KANDINSKY - "HEAVENLY BODIES"
KANDINSKY - "LYRIS CHES"
KELLY - "ABRAHAM LINCOLN"
KLEE - "HEAD OF A MAN"
KLEE - "INDIAN STORY"
LAWRENCE - "FINKIE"
LEE - "CORN PICKERS"
LEE - "THANKSGIVING"
LUPAS - "J.F.K. - CHARCOAL"
MARC FRANZ - "SHEEP"
MARIN - "FROM THE BRIDGE"
Matisse - "APPELES ON TABLECLOTH"
Matisse - "INTERIOR with FLOWERS"
Matisse - "THE PURPLE ROBE"
Matisse - "STILL LIFE with DAHLIAS"
Millet Francois Jean - "THE GLEANERS"
Miro Jean - "PEOPLE and DOG in SUN"
MONDRIAN - "OPPOSITION of LINES, RED-YELLOW"
Monet - "BOATS of ARGENTEUIL"
MONET - "CHRYSANTHEMUMS"
MONET - "WAITRESS SERVING BEET"
MUNOZ ALBERTA - "MALLORCA"
O'KEEFE - "AUTUMN LEAVES"
OROZCO JOSE CLEMENTE' - "ZAPATISTAS"
PICASSO - "BLUE BOY"
PICASSO - "HARLEQUIN & MIRROR"
PICASSO - "LA CASSEROLE EMAILLEE"
PICASSO - "THE LOVERS"
PICASSO - "MOTHER and CHILD"
PICASSO - "STILL LIFE w/LEMON and ORANGES"
POLLOCK JACKSON - "COMPOSITION"
REMBRANDT - "ARTIST'S SON TITUS"
REMBRANDT - "MAN w/THE GOLDEN HELMET"
REMBRANDT - "THE NIGHT WATCH"
RENOIR - "BY THE SEASHORE"
RENOIR - "GIRL READING"
RENOIR - "LITTLE GIRL IN WHITE HAT"
RENOIR - "LUNCHEON OF THE BOATING PARTY"
RENOIR - "ROSES MOUSSEUSES"
RENOIR - "THE WASHERWOMEN"
RIVERA, DIEGO - "FLOWER SELLER"
ROUALT - "CLOWN"
ROUALT - "HEAD OF A YOUNG BOY"
ROUALT - "THE OLD KING"
ROUALT - "STILL LIFE w/ FLOWERS"
ROUSSEAU - "JUNGLE, SETTING SUN"
SEURAT GEORGE - "A SUNDAY AFTERNOON ON THE ISLAND OF LaGRANDE JETTA"
SEURAT - "THE BANKS OF THE SEINE"
SHELLER - "PERTAINING TO YACHTS"
SOYER MOSES - "DANCERS REPOSED"
STERNBERG - "SPRING CORN"

STUART - "MRS. RICHARD YATES"
TER BORCH - "LUTE-PLAYING WOMAN"
TOULOUSE LAUTREC - "PORTRAIT OF A WOMAN"
TOULOUSE LAUTREC - "SEATED CLOWN"
TURNER - "THE DOGANA & SANTA MARIA DELLA SALUTE - VENICE"

UNESCO ART AUSTRALIA
UNESCO ART EGYPT
UNESCO ART GREECE
UNESCO ART INDIA
UNESCO ART IRAN
UNESCO ART JAPAN
UNESCO ART MEXICO
UNESCO ART TUNISIA
UNESCO ART TURKEY

UTRILLO - "THE CHURCH OF ST. SEVERIN"
UTRILLO - "EGLISE de BANLIEUE"
UTRILLO - "LAPIN AGILE"
UTRILLO - "LeQUARTIER ST. MOMAIN"
UTRILLO - "SACRE COEUR IN WINTER"

VAN GOGH - "THE ARTIST'S ROOM AT ARLES"
VAN GOGH - "BOATS AT SANTES MARES"
VAN GOGH - "FARMER IN THE FIELD"
VAN GOGH - "GYPSY CAMP"
VAN GOGH - "LA MOUSME"
VAN GOGH - "RESTAURANT De SIRENE"

VAN GOGH - "SELF PORTRAIT"
VAN GOGH - "SUNFLOWERS"
VAN RUISDAEL - "THE OLD MILL"

VELASQUEZ "BOY ON HORSEBACK"
VELASQUEZ - "THE MAIDS OF HONOR"
VELASQUEZ - "PORTRAIT De L'ENFANTE MARGUERITE"
VERMEER JAN - "THE ARTIST'S STUDIO"
VERMEER - "THE LETTER"
VERMEER - THE MILKMAID
VERMEER - "THE STREET SCENE"
VLAMINCK - "BRIDGE AT MEULAN"
VLAMINCK - "LES CHAUMIERS"
VLAMINCK - "OLD PORT OF MARSEILLE"
VLAMINCK - "VAPE OF FLOWERS"
VOLK - "ABRAHAM LINCOLN"
WEBBER MAX - "STILL LIFE 1960"
WEISGARD'S - "CIRCUS ANIMALS"
(6 Prints - Order By Set)
PERFORMING HORSE
JUMBO ELEPHANT
TRAINED SEAL
MONKEY MUSICIANS
GIRAFFES
BEAR ON SKATES
WEISGARD'S - "FARM ANIMALS"
(6 Prints - Order By Set)
PUPPIES and MOTHER
SOW and PIGLETS
KITTENS and MOTHER
FARM FOWL
BUNNY AND MOTHER
COWS and SHEEP
WEISGARD'S - "MOTHER GOOSE SET A"
(6 Prints - Order By Set)
LITTLE BOY BLUE
THREE LITTLE KITTENS
OLD MOTHER HUBBARD
PETER PETER PUMPKIN EATER
RIDE A COCK HORSE
LITTLE BO PEEP
WEISGARD'S - "MOTHER GOOSE SET B"
(6 Prints - Order By Set)
THE OLD WOMAN WHO LIVED IN
A SHOE
MARY HAD A LITTLE LAMB
HEY DIDDLE DIDDLE
HUMPTY DUMPTY
JACK and JILL
ROCK-A-BYE BABY
WEISGARD'S - "THREE LITTLE KITTENS"
WHISTLER - "WHISTLER'S MOTHER"
WOOD - "THE GRAND TETON"
WOOD GRANT - "MIDNIGHT RIDE"
WOOD GRANT - "YOUNG CORN"
Because of limitation in budget, only a few items have been acquired to date. If these prove effective, more will be added as funds become available.

**SKELETON**
A natural bone adult human skeleton, articulated and painted to show muscular origins. In portable wood cabinet. (Requires special handling for delivery.)

**HUMAN TORSO AND HEAD**
Elementary sexless model of plastic. Life-like plastic with removable parts.

**LOBSTER TRAP**
An authentic lobster trap from Bar Harbor, Maine. Includes marker buoy identifying the owner. Used to motivate investigation of the coastal occupation of the lobster harvest.

**CAPITOL**
A plastic model of the national capitol as it was before recent remodelling.

**DAIRY FARM**
Unit includes a dairy barn, silo, milking equipment, fences, dairy cows, farm machinery, butter making kit, and milk containers.

**TEETH AND TOOTHBRUSH SET**
A giant size model of a set of teeth with a large toothbrush. May be used for proper dental habits unit.
Art Sculpture Reproductions are reliably true facsimiles of the originals. Perhaps, in no other art form, is there such an effective educational tool as sculpture. Photographs and printings of historical figures assume new importance, new meaning, when a student is permitted the excitement of three dimensional contact.

Order Art Sculpture Reproductions on separate order blanks for a two week booking period. If additional time is required, please indicate on your order form. Sculpture Reproductions are shipped in padded fibre cases for safe delivery.

**ART SCULPTURE REPRODUCTIONS**

**BIOGRAPHY**

**BACH, JOHANN S.**
Austin js
13-1/2”, Wood Base, Weathered Green, Bronze Finish

**BEETHOVEN, LUDWIG VAN**
Austin js
12” Antiqued weather green finish

**SANDBURG, CARL**
Austin js
14” Wood Base, Antiqued Bronze Finish

**SHAKESPEARE, WILLIAM**
Austin js
13” Brown Wood Grain Finish

**TWAIN, MARK**
Austin js
15” Wood Base, Antique Bronze Finish

**ART SCULPTURE REPRODUCTIONS, ARTIFACTS**

**AZTEC SUN DIAL AND CALENDAR**
Austin ejs
19” Diameter, Wood Grain Finish

**CEREMONIAL RELIEF**
Alva js
Original black balsalt, part of the Sarcophagus of an Egyptian priest. The center of the relief represents a deity holding the symbol of Life.

**HEAD REST**
Alva js
Original carved wood of Central Congo

**HIPPOPOTAMUS**
Austin ejs
8” Ebony Finish

**JUSTICE**
Austin ejs
24” Weathered green bronze finish

**ROSETTA STONE KIT**
Alva js
(Complete with study guides)
Hieroglyphic characters, Egyptian demotic script, and Greek letters, black balsalt.

**SUMERIAN TABLET**
Alva js
Original of black serpentine stone. Wood base.
Votive inscription in cuneiform writing writing/
Depth-Study Cross-Media Kits are a combination of various types of Educational Media which appeal to the audio, the visual, and the tactile senses.

COINS OF THE REALM KIT IMC js
Coins from great civilizations. Each with a story of its importance of the history of the world.
- Brasher Dubloon
- Denarius of Nero
- Drachm of Alexander the Great
- Shekel of Tyre

EUROPEAN COMMON MARKET KIT CF ej
An up-to-the-minute study unit on Europe's Economy, History, and Contemporary Life.
- 6 Sound Color Filmstrips
- 30 Sets of 12 Color Maps
- 1 Narrative Record in Map Skills Study Guide

IRAN KIT CF ej
- 7 Sound Color Filmstrips
- 3 - 33-1/3 lp Records
- 1 Iran Phon Book
- 5 Artifacts (Realia)
  - Flag and Stand, Persian Flute, Persian Rug Samples, Iranian Stamps and Currency, Villager's Shoe
- 16 Color Captioned Study Prints Guide

JAPAN KIT CF ej
A picturesque visit to the land of kimonos and cherry trees.
- 1 Filmstrip
- 1 Color Phon Book (Pictures and Record)

PAKISTAN KIT CF ej
- 6 Sound-Color Filmstrips
- 3 - 33-1/3 lp Records
- 6 Artifacts (Realia)
  - Jute Samples, Prayer Cap, Flag, Stamps and Currency, Simulated Fur Cap, Block print cloth sample
- 16 Color captioned Study Prints Guide

PEACFUL USES OF ATOMIC ENERGY Comm. Educ. Res. s
- 1 Sound Color Filmstrip-Peaceful Uses of Atomic Energy
- 8 Wall Charts, 12 Booklets, AEC Guide

PERU-LAND OF THE INCAS KIT IMC ej
- 4 Filmstrips with Spanish Record or Spanish Language Tape
- 7 Transparencies
- 8 Native Toys
- 6 Clay Figures
- Coins, Currency and Stamps; Travel Brochures
- 11 Study Prints - Original Artwork

PROVINCE OF QUEBEC KIT IMC ej
- 5 Transparencies
- 5 Filmstrips
- Flag, Stamps and Coins
- Bear-Bull Moose, Habitant Man, Habitant Woman, Abstract Bird, Travel Folders

ROCK DISPLAY KIT 1F1 ej
Samples of igneous, sedimentary, and metamorphic rock. Correlates with 16 mm film Rocks For Beginners. Granite, Lava, Sandstone, Gneiss, Slate, and Marble.

SOVIET CENTRAL ASIA KIT CF ej
- 1 Sound-Color Filmstrip
- 1-33-1/3 lp Record
- 24 Study Prints Guide

THAILAND KIT CF ej
- 1 Sound-Color Filmstrip
- 1-33-1/3 lp Record
- 24 Study Prints Guide

TURKEY KIT CF ej
- 7 Sound-Color Filmstrips
- 4 - 33-1/3 lp Records
- 7 Artifacts (Realia)
  - Zurna, School Boy's hat, Metal eating bowl and cover, Wooden spoon, Muslem Prayer beads, Flag, Stamps and Currency
- 16 Color Captioned Study Prints

YUGOSLAVIA KIT EJ
- 4 Sound-Color Filmstrips
- 3 - 33-1/3 lp Records
- 1 Yugoslav Phon Book
- 24 Captioned Study Prints
- 9 Artifacts
  - Customed cloth dolls, Embroidered Cap, Croatian Shoe, Shepherd's flute, Scale model of gusle with bow, Bosnia Coffee Pot, Stamps and Currency, Flag
- Study Guide