

DOCUMENT RESUME

ED 160 836

08

CE 018 131

AUTHOR Gunderson, Margaret Stanton; And Others
TITLE Comprehensive Career Guidance. Competency Rating Scale Manual. Grades K-1.
INSTITUTION Georgia State Dept. of Education, Atlanta.
SPONS AGENCY Office of Education (DHEW), Washington, D.C.
BUREAU NO V0244-VZ
PUB DATE 77
GRANT G007500339
NOTE 93p.; For related documents see CE 018 130-144, CE 018 146-147, CE 018 150, CE 018 152, CE 018 154, CE 018 157-158, CE 018 161, CE 018 163, and CE 018 339 ; Parts may be marginally legible due to colored background

AVAILABLE FROM Vocational Education Materials Center, Room 124, Fain Hall, Division of Vocational Education, College of Education, University of Georgia, Athens, Georgia 30601 (\$1.90)

EDRS PRICE MF-\$0.83 HC-\$4.67 Plus Postage.
DESCRIPTORS *Behavior Rating Scales; *Career Awareness; *Career Development; *Career Planning; Consumer Education; Educational Objectives; Elementary Education; Elementary School Guidance; Fused Curriculum; Grade 1; Guidelines; *Interpersonal Competence; Kindergarten; Measurement Techniques; Occupational Guidance; *Performance Criteria; Skills; Student Evaluation

IDENTIFIERS *Georgia Comprehensive Career Guidance Project

ABSTRACT

Presenting a set of guidelines for grades K-1, this teacher's manual is one in a set of three competency rating scales which provide guidelines for the infusion of career guidance concepts into the elementary school curriculum. These rating scales were developed by the Georgia Comprehensive Career Guidance Project (Final Report, CE 018 130) which organized the career guidance needs of students in grades K-6 under three domains: interpersonal effectiveness, work and life skills, and life career planning. These domains encompass thirty comprehensive goals which are divided into developmental objectives which are in turn reduced to the specific competencies on which the scales are based. (The complete listing of domains, goals, and objectives is appended to this document.) The manuals are organized developmentally so that comparisons can be made between individuals or between groups. The use of the competency rating scales is described in this manual under the following sections: organization of skill level criteria; skill level criteria for grades K-1; opportunities for rating students; examples of test situations; the rating scale (degree of proficiency); the rating form; and detailed directions for rating students. Examples and suggestions for the use of the information obtained through the scales are also included. (Rating scales for grades 2-4 and grades 5-6 are found in ERIC documents CE 018 132 and CE 018 133, respectively.) (BM)

ED160836

	CE

GRADES K -1

COMPREHENSIVE CAREER GUIDANCE COMPETENCY RATING SCALE MANUAL

CE 018 131

U.S. DEPARTMENT OF HEALTH
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED AS EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT THE OFFICE OF NATIONAL INSTITUTE OF EDUCATION.

ADDITIONAL INFORMATION ON THIS
PUBLICATION MAY BE OBTAINED FROM

Anne Moughton

EDUCATIONAL INFORMATION CENTER
1600 READING ROAD
ALEXANDRIA, VA 22304

**GEORGIA CAREER GUIDANCE PROJECT
ELEMENTARY SCHOOL**

Director:

Earl J. Moore

Project Supervisor:

J. Paul Vail

Project Coordinator:

Ray Bouchillon

The activity which is the subject of this report was supported in whole or in part by the U. S. Office of Education, Department of Health, Education and Welfare under Grant # G007500339. The opinions expressed herein do not necessarily reflect the position or policy of the U. S. Office of Education, and no official endorsement by the U. S. Office of Education should be inferred.

© 1977 Georgia Department of Education

COMPREHENSIVE CAREER GUIDANCE.

COMPETENCY RATING SCALE

RATER'S MANUAL

Developmental Level K-1

**Margaret Stanton Gunderson
Nancy Ross Milner
Earl J. Moore**

**College of Education
University of Missouri-Columbia**

COMPREHENSIVE CAREER GUIDANCE
COMPETENCY RATING SCALE
RATER'S MANUAL

Table of Contents

Introduction.	1
Purpose	2
Components.	4
Birds-Eye View of the Organization.	5
The Rater and Rating Schedule	7
How to Use the Competency Rating Scale.	11
Organization of the Skill Level Criteria.	13
Skill Level Criteria.	16
Opportunities for Rating Students	40
Examples of Test Situations	43
The Rating Scale: Choosing a Degree of Proficiency	46
The Rating Form	49
Directions for Rating Students.	51
Using the Results of the Rating Scale.	63
Appendix.	66
Cross-Reference Chart	67
Overview Chart.	68
Overview of Goals and Developmental Objectives K-6.	69
Classroom Profiles.	82
References.	83

INTRODUCTION

PURPOSE

The purpose of the Competency Rating Scale is to provide guidelines to teachers for the infusion of career guidance concepts into the daily school curriculum in a developmentally sound manner. A familiar analogy to a rating scale is the daily process a teacher might use in judging a child's reading skills:

- Does the child know the vocabulary in today's story?
- Does the child know the meaning of the story?
- Can he/she name the characters?
- Can he/she state the main idea?

It may seem overwhelming to be asked to add more to the curriculum; actually, career guidance concepts are being taught by teachers whenever they encourage communication between students, stress the importance of study skills, discuss work roles, and dozens of other things teachers do every day with students.

The Competency Rating Scale is merely an attempt to organize the things students need to know to be effective people. When used as suggested, it should be a valuable tool in allowing any teacher to be a better teacher; it is a way of organizing and keeping track of the skills each student has developed in nonacademic areas, what students need to learn, and what they have already learned. It is organized developmentally so that the comparison of individuals with peers is easy; comparison of one group with another is also encouraged.

The Competency Rating Scale is not a test. It is a set of guidelines for use by a teacher. It has been left flexible to allow the individual

teacher or rater to devise his or her own performance indicators to determine a child's level of development in career guidance skills. Examples of activities or situations in which a child's performance might be observed are contained in the Guidance Activities section of the Comprehensive Career Guidance materials.

COMPONENTS

The Competency Rating Scale consists of a Rater's Manual for each grade grouping, K-1, 2-4, and 5-6 and a Cumulative Student Folder which is designed to follow each student throughout his/her school career.

Each Manual contains sections describing the criteria for rating the students' skill level by Competency, use of the Student Rating Form, how to rate the students, suggestions for use of the information obtained through the Scale, and an Appendix containing all of the Goals and Objectives for kindergarten through sixth grade.

The Cumulative Student Folder contains the Student Rating Form and the Developmental Profile. There are three sets of color-coded Student Rating Forms, one for each grade grouping K-1, 2-4, and 5-6. The K-1 is on green paper, the 2-4 on yellow, and the 5-6 on blue paper. The Developmental Profile consists of a three section fold-out, one section for each Domain.

A BIRDS-EYE VIEW OF THE ORGANIZATION

The Georgia Career Guidance Program organizes the career guidance needs of students in kindergarten through grade six under three main domains:

Interpersonal Effectiveness Domain

Work and Life Skills Domain

Life Career Planning Domain

The student needs are stated in 30 comprehensive goals. Nine goals cluster under the Interpersonal Effectiveness Domain, 11 under the Work and Life Skills Domain, and 10 under the Life Career Planning Domain.

Each goal is divided into Developmental Objectives. These are a break-down of the elements of each Goal. They are categorized by grade groupings, K-1, 2-4, and 5-6. Here is an example of a Goal, a Developmental Objective, and grade grouping categories:

I. Interpersonal Effectiveness Domain

A. Human Relations Skills: Behavior Affects Behavior

Goal: The students will be able to recognize that their behavior toward others affects others' behavior toward them.

1. Actions Affect Behavior

Developmental Objective K-1: The students will be aware of the various interpersonal relationships in their lives.

Developmental Objective 2-4: The students will understand the different types of responses they use in interpersonal relationships.

Developmental Objective 5-6: The students will be aware of how their actions affect the behavior of others.

Note: the complete listing of Domains, Goals, and Objectives may be found in the Appendix, pages 69 to 81, of this Manual.

Each Developmental Objective has been further reduced to specific Competencies or performance objectives. An example of a Competency for the Developmental Objective K-1 stated above is:

•define interpersonal relationships.

The Competencies or performance objectives specify the behavior on which the child is rated. Each Developmental Objective is reduced to several Competencies; a child's average performance on these indicates his/her skill level on that Developmental Objective.

THE RATER
AND
RATING SCHEDULE

WHO SHOULD USE THE COMPETENCY RATING SCALE

The Competency Rating Scale is used to determine the skill level of students on the Developmental Objectives that are related to the Goals of Career Guidance set forth by the Georgia State Department of Education.

The person who uses the Competency Rating Scale to evaluate a student's skill level should necessarily be someone who is involved with the student on a daily basis. The rating may be a year-long process. The logical person to do the rating, then, would seem to be the classroom teacher, in most cases. In team teaching situations, the teachers will need to decide at the beginning of the school term which students each will be responsible for rating.

WHEN SHOULD THE COMPETENCY RATING SCALE BE USED

The Competency Rating Scale is designed to be used in one of two ways; it may be used at both the beginning and end of the school year or it may be used only at the end of the school term.

In the first case, when it is used at the beginning and end of the school year, a prerating and a postrating provide the maximum information to the current teacher and to the future teacher of the student. The prerating can guide the teacher in planning experiences for the class to enhance the areas where students seem to be incompetent in career guidance skills. The postrating would provide the current teacher with some indication of growth and might enable him/her to revise teaching strategies

for the following year. The postrating would also provide the future teacher of the student with a recent opinion on the status of the student on the career guidance skills. It would allow him/her to make plans for teaching before the beginning of the school term. In the case where the Competency Rating Scale is used only at the end of the school year, it is considered to be a postrating and has the same properties as the postrating described above.

The Competency Rating Scale Form should be completed for each student on one of the two schedules described above for each school term, kindergarten through sixth grade. The time involved for the rater will probably not exceed two days; the process of assessing skills continues throughout the year, however transfer students or those repeating grade levels will require some special consideration.

In the case of the transfer student, especially one transferring from a school where the Competency Rating Scale has not been used, and thus where there is no previous rating for the child, the rater should prerate the student. This should be done only AFTER the child has adjusted to the new school environment and the rater has had an opportunity to observe the child. The rating can aid the teacher in deciding how the new student compares to classmates on the skills rated and in determining any curriculum adjustment that might need to be made for this child.

In the case of the child who is repeating a grade level, the rater merely needs to acquire a second Student Rating Form for the grade level

repeated. The years should be recorded on it to show that the student repeated. The same Developmental Profile chart may be used; the new profile can be completed in a different color of ink or lead. The appropriate school year should be noted beside the rating.

Note: Use of the Developmental Profile is fully explained on page 56.

HOW TO USE THE COMPETENCY RATING SCALE

-11-

10

HOW TO USE THE COMPETENCY RATING SCALE

This part of the Rater's Manual is divided into several sections with the intent of providing complete information in an easy-to-use format.

The sections are:

1. Organization of the Skill Level Criteria
2. Skill Level Criteria
3. Opportunities for Rating Students
4. Example of Test Situations
5. The Rating Scale: Choosing a Degree of Proficiency
6. The Rating Form
7. Directions for Rating Students

ORGANIZATION OF THE SKILL LEVEL CRITERIA

The following section contains an outline of the Goals, Developmental Objectives, and Competencies for the K-1 developmental level. The Goals and their Developmental Objectives and Competencies cluster under three Domains; Interpersonal Effectiveness, Work and Life Skills, and Life Career Planning.

The Competencies are really performance objectives or behavioral criteria for the assessment of the student's skill level at a given Developmental Objective. All of the Developmental Objectives and Competencies have been written to agree with the difficulty hierarchy of acquiring knowledge found in B. S. Bloom's Taxonomy of Educational Objectives, Handbook I: Cognitive Domain.

Bloom divides the Cognitive Domain into the following hierarchy of major stages:

1. Knowledge
2. Comprehension
3. Application
4. Analysis
5. Synthesis
6. Evaluation

The chart below represents the stage of cognition emphasized at each grade level in the Competency Rating Scale. Only the first two stages are emphasized at these grade levels.

Stages	K	1	2	3	4	5	6
Knowledge							
Comprehension							

The first stage, Knowledge, is the only one used in the K-1 Developmental Objectives and Competencies. Awareness is the term used in the Developmental Objectives to denote the Knowledge stage of learning. Such behavioral terms as define, describe, identify, know, list, and recognize are used in the Competencies of the Developmental Objectives at this level.

The following definitions may be of use to the rater in both understanding the intent of the Developmental Objectives and in knowing what to look for in rating students on the Competencies.

Knowledge as defined here includes those behaviors (. . .) which emphasize the remembering, either by recognition or recall, of ideas, material, or phenomena. The behavior expected of the student in the recall situation is very similar to the or he was expected to have during the original learning situation. (. . . .) The process of relating and judging is also involved to the extent that the student is expected to answer questions or problems which are posed in a different form in the [evaluation] situation than in the original learning situation. (Bloom, 1956, p. 62).

DEFINITIONS

1. Define : explain the nature of something or make the meaning of something clear through statement or discussion.
2. Describe : tell in words how a person looks, feels, or acts, or how a place, a thing, or an event looks.
3. Identify : recognize as being a particular person or thing; prove to be the same as something else.
4. Know : tell apart from others, be acquainted with, have the facts of something or be skilled in something.
5. List : orally relate a series of names, numbers, or words or phrases.
6. Recognize: remembering something as having been seen or known or heard before.

SKILL LEVEL CRITERIA

Developmental Level
Kindergarten Through First Grade

Note: The # sign before any Developmental Objective indicates that there is a complimentary activity in the Guidance Activity section of the Comprehensive Career Guidance materials.

DOMAIN: INTERPERSONAL EFFECTIVENESS

A. Human Relations Skills: Behavior Affects Behavior

The students are able to recognize that their behavior toward others affects others' behavior toward them.

- #1. Interpersonal Relationships: The students will be aware of the various interpersonal relationships in their lives.

The students will be able to:

- define interpersonal relationships.
- identify interpersonal relationships with peers.
- identify interpersonal relationships with siblings.
- identify interpersonal relationships with teachers.
- identify interpersonal relationships with parents.
- identify interpersonal relationships with other adults.

2. Responses: The students will be aware of the different types of responses they use in interpersonal relationships.

The students are able to:

- recognize verbal responses.
- identify verbal responses they use in terms of quiet or noisy.
- recognize verbal responses they use as being questions, statements, or exclamations.
- recognize that they use pleasant and unpleasant verbal responses.
- identify the verbal responses they use with peers.
- identify the verbal responses they use with adults.

recognize nonverbal responses.

*(i.e. nodding head, clapping, waving, etc.)

identify nonverbal responses they use in terms of quiet or noisy

recognize the nonverbal responses they use.

recognize that they use pleasant and unpleasant nonverbal responses.

identify the nonverbal responses they use with peers.

identify the nonverbal responses they use with adults.

B. Human Relations Skills: Friendships

The students will be able to demonstrate an understanding of the process of making and keeping friendships.

#1. Friendship Characteristics: The students will be aware of the skills and characteristics that make up a friendship.

The students are able to:

define what sharing means.

recognize that sharing is a characteristic of friendship.

define ways to solve problems between two people.

recognize that skill in problem-solving is necessary for friendships.

C. Human Relations Skills: Expressing Opinions and Beliefs

The students will be able to demonstrate an awareness of various methods of expressing their opinions and beliefs.

#1. Responses: The student will be aware of different types of responses.

The students are able to:

- define what a verbal response is.
- identify verbal responses in terms of statements, questions, or exclamations.
- recognize verbal responses that relate to the topic of discussion.
- define a nonverbal response.
- recognize ways that silence can be used as a response.
- recognize ways that body language can be used as a response.
- recognize that understanding the meaning of nonverbal responses is important.

D. Human Relations Skills: Acceptable Behaviors in Groups

The students will be able to identify socially acceptable behaviors occurring in a group situation.

1. Group Situations: The students will be aware of various group situations.

The students are able to:

- define the meaning of group.
- identify large groups of which they are members.
- identify small groups of which they are members.
- identify peer groups of which they are members.
- identify mixed (children and adults) groups of which they are members.

2. Behaviors That Help or Hinder: The students will be aware of those behaviors that help or hinder group cooperation and effectiveness.

The students are, able to:

recognize that listening helps group cooperation and effectiveness.

recognize that taking turns helps group cooperation and effectiveness.

recognize that paying attention helps group cooperation and effectiveness.

recognize that participation helps group cooperation and effectiveness.

recognize that encouragement helps group cooperation and effectiveness.

*(encouragement: focusing on assets and strengths to build self-confidence and self-esteem.)

recognize that interrupting hinders group cooperation and effectiveness.

recognize that not paying attention to others hinders group cooperation and effectiveness.

recognize that not getting involved hinders group cooperation and effectiveness.

recognize that discouragement hinders group cooperation and effectiveness.

*(discouragement: focusing on mistakes and weaknesses to erode self-confidence and self-esteem; discouragement results in negative behavior.)

E. Relating With Significant Others: Competitiveness and Cooperativeness

The students will be able to recognize the effects of competitiveness and cooperativeness with both peers and adults.

1. Cooperativeness: The students will be aware of what constitutes cooperativeness.

The students are able to:

• define cooperativeness.
*(cooperativeness: working together toward a common goal.)

• recognize from examples those situations where cooperativeness is demonstrated.

2. Competitiveness: The students will be aware of what constitutes competitiveness.

The students are able to:

• define competitiveness.
*(competitiveness: contending with others for profit, prize, or position; a contest.)

• recognize from examples those situations where competitiveness is demonstrated.

F. Relating With Significant Others: Family Relationships

The students will be able to recognize the value and the process of establishing an effective relationship with their families.

1. Roles of Family Members: The students will be aware of the roles of each member of their families.

The students are able to:

• define family.
*(include each member of a household, whether actually related or not.)

• list various family roles.
*(i.e. baby, cook, helper, gardener, etc.)

• list the roles of each member in their families.

- #2. Family Relationships-Their Own: The students will be aware of their family relationships.

The students are able to:

- describe their relationships with their mothers.
- describe their relationships with their fathers.
- describe their relationships with their brothers and sisters.
- describe their relationships with any other persons living with the family, related or not.
- recognize that relationships differ just as individuals differ.

G. Self Validation: Worthwhileness

The students will be able to achieve feelings of worthwhileness.

1. Distinguishing Factors: The students will be aware of factors that distinguish self from others.

The students are able to:

- list physical factors that distinguish self from others.
- list emotional factors that distinguish self from others.
*(i.e. cheerfulness, temper, shyness, etc.)
- list social and economic factors that distinguish self from others.
- list intellectual factors that distinguish self from others.

2. Feeling and Causes: The students will be aware of feelings and their causes.

The students are able to:

- know that sadness is a feeling.
- list what causes them to feel sad.
- know that anger is a feeling.

- list what causes them to feel angry.
- know that happiness is a feeling.
- list what causes them to feel happy.
- know that fear is a feeling.
- list what causes them to feel afraid.
- know that being proud is a feeling.
- list what causes them to feel proud.

H. Self Validation: Control Over Self and Environment

The students will be able to recognize that they can exercise some control over themselves and their environment.

- #1. Affecting Things and Others: The students will be aware that they affect things and others around them.

The students are able to:

- describe how they affect things and others in the classroom.
- describe how they affect things and others in their homes.
- describe how they affect things and others in their neighborhoods.

I. Self Validation: Individual Differences

The students will be able to demonstrate an understanding that all individuals, including themselves, have different and varying personal characteristics and abilities which distinguish them from one another, and that certain of these characteristics and abilities may change from time to time.

- #1. People: Alike or Different. The students will be aware of ways that people are alike and/or different from them.

The students are able to:

- define like and different.
- identify some basic personal characteristics
*(i.e. eyes, mouth, hair color, height, etc.)
- identify some personal characteristics of others.
- identify ways they are like and different from others.

DOMAIN: WORK AND LIFE SKILLS

A. Daily Living: Consumer Skills

The students will be able to identify consumer skills that are used in daily living.

1. The Consumer: The students will be aware of what a consumer is and what he/she does.

The students are able to:

- define consumer.
*(consumer: a person who buys or uses things.)
- list what a consumer does.
- recognize themselves as consumers.
- recognize family members as consumers.

B. Daily Living: School Relevancy:

The students will be able to identify the relevancy of school subject matter and the school experiences to community, home, leisure, and occupations.

1. School Experiences: The students will be aware of the school academic and social experiences at their grade level.

The students are able to:

- list school social experiences they encounter at their grade levels.
- list school academic experiences they encounter at their grade levels.

2. School Relates to Family: The students will be aware of how school academic and social experiences relate to the activities of family members in the home.

The students are able to:

- list their family members.
- identify the activities of their family members.
- identify a home activity they engage in which uses school academic or social experiences.
- identify a home activity an adult engages in which uses a school academic or social experience.

C. Task Responsibility/Employability: Dependency in Task Accomplishment

The students will be able to recognize that others depend on them in helping perform a task and will be able to identify situations in which people depend on each other to perform certain tasks.

- #1. Participation: The students will be aware of activities in which they can participate.

The students are able to:

- list those activities in which they can participate.
- identify from examples those things they can do.

D. Task Responsibility/Employability: Value From Tasks Well Done

The students will be able to recognize the value (personal rewards) which comes from a task well done.

1. Ability To Accomplish Tasks: The students will be aware of tasks that they are able to accomplish.

The students are able to:

- list those tasks that they are able to accomplish.
- identify from examples those things they can accomplish.
- define reward.

E. Task Responsibility/Employability: Purpose and Steps of a Task

The students will be able to recognize that tasks have a purpose and that steps are followed in completing a task.

1. **Tasks:** The students will be aware of tasks carried out by themselves.

The students are able to:

- list those tasks that they carry out themselves.
- identify from examples those tasks they can carry out themselves.

- #2. **Task Purpose:** The students will be aware of the purpose of those tasks carried out by themselves and others.

The students are able to:

- recognize the purposes of those tasks they can accomplish.
- recognize from examples the purposes of those tasks others accomplish.

F. Task Responsibility/Employability: Personal Characteristics and Job Fields

The students will be able to recognize certain personal characteristics that are related to job fields.

- #1. **Jobs:** The students will be aware of various jobs.

The students are able to:

- list several jobs performed in their community.
- recognize that there are product-oriented and service-oriented occupations.
- identify some product-oriented occupations.
*(product-oriented occupations: jobs in which workers make or repair things.)

identify some service-oriented occupations.

*(service-oriented occupations: jobs in which workers do things for us.)

G. Work and Leisure Environment: Work and Leisure Activities

The students will be able to distinguish between work and leisure time activities.

#1. Work: The students will be aware of what work means.

The students are able to:

define work.

identify examples of work from situations presented to them.

2. Leisure: The students will be aware of what leisure means.

The students are able to:

define leisure (or free time).

identify examples of leisure from situations presented to them.

3. Work Activities: The students will be aware of various work activities.

The students are able to:

list work activities involving themselves.

list work activities performed by others.

4. Leisure Activities: The students will be aware of various leisure time activities.

The students are able to:

list leisure activities involving themselves.

- list leisure activities performed by others.

H. Work and Leisure Environment: Respect For Work Done Well

The students will be able to recognize that respect is due to others for the contributions they make in their various roles and when their work is well done, regardless of its nature.

1. Work Roles of Those Around Them: The students will be aware of the work roles of people around them.

The students are able to:

- identify various people with whom they are involved.
- define work role.
- list work roles of people around them.
*(i.e. teachers, custodian, cook, etc.)

2. Work Roles Purposes: The students will be aware that each work role has a purpose.

The students are able to:

- list the purposes of the work roles of the people around them.
- list the purposes of their work roles as students.

- #3. Respect: The students will be aware of the meaning of respect.

The students are able to:

- define respect.
- recognize ways others show respect toward them.
- recognize ways they may show respect toward others.
- recognize situations in which respect is being given.

I. Work and Leisure Environments: All People Work

The students will be able to recognize that all people perform some type of work.

1. Work: The students will be aware of what work means.

The students are able to:

- define work.
- identify from situations presented to them examples of work.

#2. Work Activities: The students will be aware of various work activities.

The students are able to:

- list various work activities.
- list work activities in which they are involved.

3. Family Members Work: The students will be aware that family members work.

The students are able to:

- identify the members of their families.
- identify the work that each family member does.

J. Work and Leisure Environments: Work Roles Change/Multiple Roles

The students will be able to recognize that work roles may change during one's career or that a worker may have multiple roles at the same time.

#1. Change: The students will be aware that change does take place throughout their lives.

The students are able to:

- define change.
- describe the changes that have and are taking place in their lives.

2. Worker: The students will be aware of what a worker is.

The students are able to:

- define worker.
- identify workers from examples given to them.

K. Work and Leisure Environments: Interests and Abilities Relate to Job Clusters.

The students will be able to recognize that there are families (clusters) of jobs which relate to one another and that one's interests and abilities can relate to several jobs as a result.

1. Jobs: The students will be aware of various jobs.

The students are able to:

- list several jobs performed in their community.

#2. Job Fields Relate: The students will be aware that some job fields relate to other job fields.

The students are able to:

- recognize that there are product-oriented and service-oriented occupations.
- identify some product-oriented occupations.
*(product-oriented occupations: jobs in which workers make or repair things.)
- identify some service-oriented occupations.
*(service-oriented occupations: jobs in which workers do things for us.)

•list some job fields that are related (go together).
•(i.e. doctors-nurses, park ranger-farmer, etc.)

DOMAIN: LIFE CAREER PLANNING

A. Planning Skills; Attitudes and Values Affect Decisions, Actions, and Life Styles

The students will be able to recognize that attitudes and values affect decisions, actions, and life styles.

1. Attitudes and Values; The students will be aware of what attitudes and values are.

The students are able to:

- define attitude.

- *(attitude: a mood or feeling toward something, usually in positive or negative terms.)

- define value.

- *(value: something that a person values is something that is very important to that person.)

2. Everyone Has Attitudes and Values: The students will be aware that attitudes and values exist for everyone.

The students are able to:

- identify the attitudes of their classmates on a particular subject.

- identify their own attitudes toward that subject.

- identify the value placed on an object by their classmates.

- identify the values they themselves place on that object.

B. Planning Skills; Decisions Made By Self and Others

The students will be able to recognize that they make decisions and that their lives are influenced by decisions made by themselves and by others.

1. Decision-Making: The students will be aware of what decision-making means.

The students are able to:

- define decision-making.
- recognize from examples decision-making situations.

- #2. Everyone Makes Decisions: The students will be aware that everyone makes decisions.

The students are able to:

- list decisions that they make themselves.
- list decisions that their parents make.
- list decisions that their teachers make.
- list decisions that their classmates make.

C. Planning Skills: Alternative Decision-Making Courses

The students will be able to recognize that there can be alternative decision-making courses, with differing consequences.

- #1. Decision-Making: The students will be aware of what decision-making means.

*(This objective is the same as Goal B, Objective #1.)

The students are able to:

- define decision-making.
- recognize from examples decision-making situations.

2. Everyone Makes Decisions: The students will be aware that everyone makes decisions

*(This objective is the same as Goal B, Objective #2.)

The students are able to:

- list decisions that they make themselves.

list decisions that their parents make.

list decisions that their teachers make.

list decisions that their classmates make.

D. Planning Skills: Planning vs. Trial and Error

The students will be able to recognize that "planning" leads to a more effective performance than does chance or the "trial and error" approach to a task.

1. Planning Process: The students will be aware of the planning process.

The students are able to:

define the planning process.

identify from situations presented to them examples of planning.

2. Trial and Error: The students will be aware of the trial and error approach to a task.

The students are able to:

define what is meant by trial and error.

identify from situations presented to them examples of the trial and error approach to tasks.

E. Educational Environment: Demonstrating Effective Study and Learning Skills

The students will be able to demonstrate effective study and learning skills.

1. Study and Learning Skills: The students will be aware of what constitutes effective study and learning skills.

The students are able to:

- define skill.
- recognize that reading and reading comprehension are effective study and learning skills.
- recognize that writing is an effective study and learning skill.
- recognize that listening is an effective study and learning skill.
- recognize that attentiveness is an effective study and learning skill.
- recognize that the ability to question is an effective learning skill.

F. Educational Environment: Using Listening and Speaking Skills

The students will be able to employ listening and speaking skills that allow for involvement in classroom discussions and activities.

- #1. Listening Skills: The students will be aware of listening skills and how to use them in the classroom.

The students are able to:

- define listening (as opposed to hearing).
- recognize that attentiveness is a prerequisite for listening.
- identify situations where attentiveness occurs in the classroom.
- recognize that knowing when to listen and when to speak (timing) occurs in the classroom.
- identify situations where knowing when to listen and when to speak (timing) occurs in the classroom.
- recognize that listening for the content of the speaker's message is a helpful skill.

• identify situations where listening for the content of the speaker's message occurs in the classroom.

• recognize that listening to remember is a helpful skill.

• identify situations where listening to remember occurs in the classroom.

2. **Speaking Skills:** The students will be aware of speaking skills and how to use them in the classroom.

The students are able to:

• define speaking in relation to speaking skills.

*(i.e. to express oneself, verbally relay a message, as opposed to babbling, etc.)

• recognize that preliminary skills are necessary before actual verbalization.

*(i.e. raise their hands to get attention, wait until their turn to speak, responding when spoken to, etc.)

• identify situations in the classroom where these preliminary skills occur.

• recognize that speaking distinctly is a helpful skill.

• identify situations in the classroom where speaking distinctly proves helpful.

• recognize that speaking with an adequate voice level is a helpful skill.

*(i.e. not too loudly, not too softly.)

• identifying situations in the classroom where an adequate voice level proves helpful.

• recognize that responding appropriately is a helpful speaking skill.

• identify situations where responding appropriately occurs in the classroom.

• recognize that contributing to the topic at hand is a helpful speaking skill.

• identify situations where contributing to the topic at hand occurs in the classroom.

G. Educational Environment: Evaluating Ability, Progress and Methods of Improvement

The students will be able to realistically evaluate ability, progress, and methods of improvement in various subject areas.

- #1. Evaluation: The students will be aware of various methods of evaluation.

The students are able to:

- define evaluation.
- identify various ways of evaluating.
- recognize that evaluation takes place in their classroom.
- recognize ways that evaluation takes place in their classroom.

H. Self Understanding: Individual Abilities Aid in Task Accomplishment

The students will be able to recognize how individual abilities aid in accomplishing different tasks.

- #1. Abilities: The students will be aware of the abilities of themselves and others.

The students are able to:

- define ability
*(ability: the power or skill to do some special thing.)
- identify abilities found in classmates
- identify abilities found in themselves.

I. Self Understanding: Learning In Life Situations

The students will be able to recognize that learning occurs in all types of life situations.

1. Learning: The students will be aware of what constitutes learning.

The students are able to:

- define learning as being able to do anything they could not do before.

- identify various learning situations.

2. Learning In Their Lives: The students will be aware that learning takes place in their daily lives.

The students are able to:

- list learning situations that occur for them at school.

- list learning situations that occur for them at home.

- list learning situations that occur in the community.

- J. Self Understanding: Clarifying and Expanding Interests and Capabilities

The students will be able to appreciate the value of clarifying and expanding their interests and capabilities.

1. Interests and Capabilities: The students will be aware of their interests and capabilities.

The students are able to:

- define interests.

- define capabilities.

- identify from examples those situations which involve interests.

- identify from examples those situations which involve capabilities.

OPPORTUNITIES FOR RATING STUDENTS

How does one go about rating a child on his/her skills in a given area? The following suggestions may be useful to the rater in developing opportunities for making decisions about rating students on Competencies.

Direct observation of the student under varied circumstances may well be the best source of ratings. Such circumstances could include the classroom, the playground, lunchroom, hallway, and special classes or programs. Watching the student in normal interaction in these settings could be supplemented by the provision of stories or fictitious situations that lend themselves to the performance of certain Competencies.

Discussions can prove to be valuable as can oral or written tests and student self-ratings.

The first step in getting ready to assess the children prior to actually rating them is for THE RATER TO BECOME THOROUGHLY FAMILIAR WITH THE GOALS, DEVELOPMENTAL OBJECTIVES AND COMPETENCIES. It might be useful for the rater to develop his/her own performance indicators such as: "The student will choose the correct definition of 'verbal response' from a list read by an examiner." Such performance indicators could be put on a check list as described below.

It could be helpful for the rater to keep a notebook or log with notes on informal assessment of the students' Career Education skills. A spiral or looseleaf notebook organized to suit the rater's needs would seem appropriate.

A sample entry in such a log might be:

1-13-79

Today Stu was able to tell me how he helps his mother.

1-16-79

Stu shared his experience of going shopping with his mother in a Magic Circle group today.

1-17-79

Stu chose pictures of five activities he does with his mother.

Another useful method of keeping track of student skill level might be through use of a skill check list such as the one that follows.

SAMPLE

COMPREHENSIVE CAREER GUIDANCE

COMPETENCY RATING SCALE

Skill Check Sheet

Developmental Objective: The students will be aware of the skills and characteristics that make up a friendship.

Performance Indicator

Children's Initials

	G.B.	P.C.	S.D.	N.E.										
Shared			✓											
Took turns		✓		✓										
Encouraged another	✓			✓										
Respected another's contribution		✓												
Compromised	✓													
Asked another to help or play				✓										
Successfully solved a conflict with another				✓										



EXAMPLES OF TEST SITUATIONS

The following section is designed to aid the rater in determining ways of checking a student's skill on a Competency from the Competency Rating Scale, Skill Level Criteria. There is an example given for each of the behavioral terms used at the Knowledge level of learning. The Competency statements are taken directly from the Skill Level Criteria.

Competency: define interpersonal relationships.

Examples of ways of testing:

1. Ask the child to tell you what the phrase means.
2. Include the following questions on a test:

Interpersonal relationships are how people act when they are together. T F

Interpersonal relationships are thoughts you have when you are alone. T F

Interpersonal relationships are:

- a. thoughts
- b. feelings
- c. friendships
- d. games

Competency: describe their relationships with their mothers.

Examples of ways of testing:

1. In a group setting, have children tell what their mothers do for them and what they do for their mothers.
2. Individually have children tell you about what they and their mothers do together.
3. Given a list of activities such as go shopping, help me when I am sick, bring me to school, etc., the child will say which activities are true in his/her relationship with his/her mother.

Competency: identify interpersonal relationships with peers.

Examples of ways of testing:

1. The child will name those people who are his/her friends, classmates, playmates, neighbors, fellow church members, fellow club members, people he/she helps, people who help him/her.
2. Given a box of pictures of all of his/her classmates, the student will sort them into some of the above categories.

Competency: know that sadness is a feeling.

Examples of ways of testing:

1. When asked to name feelings, the child will include sadness as one.
2. On a test, the child will correctly respond to the following questions:
 - a. Sadness is a feeling. T F
 - b. One of the words I will say is not a feeling. Tell me which word is not a feeling:
 - happiness
 - noise
 - sadness
 - anger
 - c. Complete the following sentence:
Sadness is a _____ . (feeling)
 - d. I will say some words. If a word is the name of a feeling, draw a circle around it. Circle the words that are feelings.
*joy, *mad, *sadness, fruit, *happy, finger, friend, *scared, big dog.

Note: *indicates words to be circled.

Competency: list various family roles.

Examples of ways of testing:

1. As part of a group discussion, have children give the various roles of people in a family such as baby, cook, house cleaner, dishwasher, helper, nurse, etc.
2. From a group of pictures depicting roles of family members have a child sort those that represent the roles of his/her family; alternately, have the child sort the pictures for each family member.

Competency: recognize verbal responses.

Examples of ways of testing:

1. In a group setting, the child will give a signal or in some way indicate when someone is giving a verbal (as opposed to a non-verbal) response.
2. Listening to a story read by a teacher or peer, the child will indicate when a verbal response is given to another character in the story.
3. After giving a verbal response to someone such as answering a question, asking a question or making a comment, the child will indicate that he/she has made a verbal response to someone.

THE RATING SCALE: CHOOSING A DEGREE OF PROFICIENCY

0	1	2	3
No Competency 0%	Minimum Level Competency 30%	Functional Level Competency 60%	Mastery Level Competency 90%

The rater has four ratings to choose from when evaluating student performance of each Developmental Objective. The rater should think of this scale as a continuum ranging from zero to 100 percent. Since the number of Competencies vary from Objective to Objective, the number of Competencies representing a specific percentage will also vary. An explanation of the meaning of each rating is given below.

NO COMPETENCY -0- To obtain this rating for a Developmental

Objective, the student will be unable to demonstrate skill in the Competencies stated for that Objective.

MINIMUM LEVEL COMPETENCY -1- To obtain this rating for the

Developmental Objective, the student will be able to demonstrate skill in only the most basic Competencies stated for that Objective. On a percentage basis, this would mean that the student is able to demonstrate skill in at least 30% of the Competencies for the Objective being rated.

FUNDAMENTAL LEVEL COMPETENCY -2- To obtain this rating for a Developmental Objective, the student is able to demonstrate skill in most of the Competencies stated for that Objective. On a percentage basis, this would mean that the student is able to demonstrate skill in at least 60% of the Competencies for the Objective being rated.

MASTERY LEVEL COMPETENCY -3- To obtain this rating for a Developmental Objective, the student must demonstrate skill in most of the Competencies stated for the Objective. On a percentage basis, this would mean that the student demonstrates skill in at least 90% of the Competencies for the Objective being rated.

The rating number is selected as follows:

- a. Count the total number of Competencies for the Developmental Objective being rated.
- b. Determine the number of these Competencies the child being rated shows skill in.
- c. ~~Divide~~ Divide the child's number of Competencies by the total number of Competencies to obtain the percentage.
- d. The number from the Rating Scale that is closest to the percentage obtained above is the rating for that child on that Developmental Objective.

T = total number of Competencies for the Developmental Objective.

Example: For the K-1 level, Interpersonal Effectiveness Domain, Goal A, Developmental Objective 2, there are 12 Competencies.

$$T = 12$$

S = the number of those Competencies in which the child being rated shows skill.

Example: Kindergarten student has shown skill in four of these 12 Competencies.

$$S = 4$$

Formula: S divided by T = %

$$4 \text{ divided by } 12 = 33\% \text{ a rating of 1.}$$

THE RATING FORM

Please refer to a Cumulative Student Folder, Comprehensive Career Guidance, Competency Rating Scale as you read this section.

The Cumulative Student Folder is designed to follow the student throughout his/her school career. The student's name may be written on the folder tab. Otherwise, the folder is only identified as follows:

Cumulative Student Folder

Comprehensive Career Guidance

Competency Rating Scale

The folder contains Competency Rating Scale Forms; these are distinctive for K-1, 2-4, and 5-6 grade level groupings. Each level of the Rating Scale contains places for rating each of the Developmental Objectives stated in the Competency Rating Scale Skill Level Criteria. These are presented in their abbreviated forms. There is a place beside each Developmental Objective to circle the rater's assessment of the child's skill level for that Objective. The numbers represent the percentage of the Competencies for that Objective that the child can perform. (The reader is referred to the explanation of the Scale on the preceding page.) There is a blank to the right of each Goal where the average of the ratings for the Objectives of that Goal may be written. The average is obtained by summing the ratings and dividing by the number of Developmental Objectives.

The folder also contains the Developmental Profile. The Profile is comprised of a three page fold-out, a cover page containing identifying information and the three pages containing graphs for charting the child's average Goal rating at each grade level, K-6. Each page represents one of the Domains. The Developmental Profile is assembled and designed to be used by all raters of the child throughout his/her grade school career. The identifying information on the cover includes the student's name, birthdate, school name and location. There is space for the rater's signature each year and for the date of that year's rating.

In the section of this manual devoted to directions for rating, the use of these forms will be specified with examples.

DIRECTIONS FOR RATING STUDENTS

This section of the manual explains in detail the mechanics of rating a student on Career Guidance Skills. Examples of completed forms may be found immediately following these directions.

Know the Criteria Skills

The first step in beginning to rate students on the Career Guidance Skills is for the rater to become THOROUGHLY FAMILIAR with the Goals, Developmental Objectives, and Competencies for the child's level, K-1, 2-4, or 5-6.

It is important because the rater must be alert to the behaviors that show skills to be rated as they occur in informal situations, during discussions, on tests, during written activities, and in one-to-one interaction between students. The rating of a child should not be based on one incident alone. Several observations of skill in an area might be recorded in a log or on a check sheet before the child is rated.

Time

The process of rating, that is the awareness of the child's skills by the rater, will take several months unless a prerating is done. The actual marking of the rating sheets should not require more than a day or two.

Prerating

In the case of prerating, the rater will not have more than a few weeks in which to observe the children; the rating will be made on less information than will a rating that occurs in the spring.

Postrating

In the case of the postrating, the rater will have an entire school year in which to observe the child.

Filling out the Rating Form

1. As the rater sits down to the actual task of filling out the Rating Forms found in the Cumulative Student Folder, the following materials will be needed:

logs notes, skill check sheets, the

**Filling out the Rating
Form, Continued.**

child's Folder and from it, the Rating Form for the appropriate level, K-1, 2-4, or 5-6, the Developmental Profile, and the Skill Level Criteria for the appropriate grade level from the Rater's Manual. Other sundry items such as writing instruments in more than one color may be needed.

2. Write the student's name on the tab of the Cumulative Student Folder if this is the first Rating for this student due to his or her being in Kindergarten or being transferred from a school where no Rating was done.

3. Remove the Competency Rating Scale Form from the Folder and circle the appropriate season found in the upper left-hand corner of the Form and the appropriate grade found in the upper right-hand corner. Fill in the student's name and your name. At this point, it will be necessary to refer to the

Filling out the Rating
Form, Continued.

Skill Level Criteria from this
Manual.

4. Begin the Rating by referring to the Skill Level Criteria and the first Goal under the Interpersonal Effectiveness Domain. Read the Goal, the first Developmental Objective, and the Competencies under it. Reflect on the student's behavior and refer to any notes you might have in the log on this student's performance for this Developmental Objective or specific Competencies under it. At the K-1 level, there are 12 Competencies under the second Developmental Objective. If you feel the child has demonstrated skill in none of them, circle the zero for rating of that Developmental Objective, if the child has demonstrated skill in 4 of the Competencies, circle the one because five divided by 12 equals 33% which is a rating of one. If the child has demonstrated skill in 7 of the

Filling out the Rating

Form, Continued

Competencies, circle the two because 7 divided by 12 equals 58% which is a rating of two. If the child has shown skill in 10 of the Competencies, circle the three because 10 divided by 12 equals 85% which is a rating of 3.

Each Developmental Objective has a different number of Competencies so be certain you have the right total number for determining the child's rating for that Developmental Objective.

A detailed description of this process may be found at the end of the part of this section entitled THE RATING SCALE: CHOOSING A DEGREE OF PROFICIENCY, page 46.

5. Complete the next Objective Rating in the same manner. Then, to find the average rating for that Goal, add the two Ratings and divide by two. Always divide by the number of Ratings that went into the sum; that is the same as the number of Developmental Objectives for that Goal.

Filling out the Rating

Form, Continued

6. Continue in the same manner until the child has been rated on all of the Developmental Objectives for the Interpersonal Effectiveness Domain. At that point, it is necessary to find a Domain Average Rating for the child. To do this, sum the ratings of the Developmental Objectives, divide by the total number of Developmental Objectives and record the Average Domain Rating on the blank provided for it on the Competency Rating Scale Form. That is found at the end of the ratings for that Domain. The Average Domain Rating will be recorded on the Classroom Profile. Rate the child on the other two Domains in the same way.

7. It is now time to transfer the Rating to the Developmental Profile graphs. First, fill out the information on the cover sheet of the Developmental Profile. This includes the student's name, birthdate, school and school district and location. Sign

**Filling out the Rating
Form, Concluded**

the line beside the appropriate grade level and fill in the current date.

In the case of a prerating and postrating, extra dates and signatures may be crowded in. Locate the sheet for the Interpersonal Effectiveness Domain. Locate the appropriate grade level graph on that sheet. Place a dot on the intersecting lines of the Goal letter and the average Goal rating for that Goal on the chart.

This is obtained from the Competency Rating Scale Form you just completed. Graph the other Domains in the same way.

Classroom Profile

The Classroom Profile may be used in two ways. It may be used at the end of the school year as the rater rates the children. It may be used by a teacher in the fall as he or she makes yearly plans of a new class. It may be completed from the end of the year ratings or from the preratings of the current year.

The Average Domain Ratings for each student in the class are used for this

Classroom Profile

Concluded

Profile. Several Classroom Profile Charts may be found in the Appendix of this Manual.

Refer to the following page for an example partially completed Classroom Profile Chart.

To use the Profile, complete the identifying information on the page. Each graph represents one of the three

Domains: Interpersonal Effectiveness, Work and Life Skills, and Life Career Planning. Enter the children's names, in alphabetical order if you wish, on the blanks beside the graph.

Place a dot at the intersection of the child's name and his or her Average Domain Rating (0-1 2 3) for each Domain.

When all children's ratings have been recorded, draw lines connecting the dots for each Domain to give you a profile of your class' standing on the Career Guidance Skills by Domain.

COMPREHENSIVE CAREER GUIDANCE

COMPETENCY RATING SCALE

Classroom Profile

Teacher Grade One Teacher Year 77-78 Date May 15, 1978

Student's Name	DOMAIN I				DOMAIN II				DOMAIN III			
	0	1	2	3	0	1	2	3	0	1	2	3
1. First Grade Pupil												
2. Grade One Student												
3. First Grade Student												
4. Grade One Pupil												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
18.												
19.												
20.												
21.												
22.												
23.												
24.												
25.												
26.												
27.												
28.												
29.												
30.												

DOMAIN I - INTERPERSONAL EFFECTIVENESS DOMAIN
 DOMAIN II - WORK AND LIFE SKILLS DOMAIN
 DOMAIN III - LIFE CAREER PLANNING DOMAIN

(Circle one)

COMPETENCY RATING SCALE FORM

(Circle one)

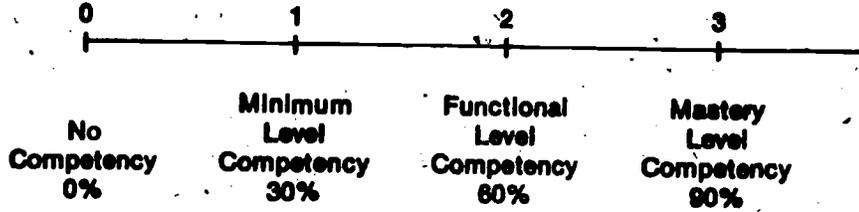
Spring
Fall

Interpersonal Effectiveness Domain

Kindergarten
Grade 1

Student's Name Grade One Pupil Rater Grade One Teacher

Rating Scale:



Directions: Circle the number of the Rating of the student's performance ability for each Objective. Determine the average ability for a Goal by dividing the sum of scores by the number of Developmental Objectives.

	Rating	Average
A. <u>Human Relations Skills: Behavior Affects Behavior</u>		
1. Interpersonal Relationships	0 1 2 ③	
2. Responses	0 1 ② 3	<u>2.5</u>
B. <u>Human Relations Skills: Friendships</u>		
1. Friendship Characteristics	0 1 ② 3	<u>2.0</u>
C. <u>Human Relations Skills: Expressing Opinions and Beliefs</u>		
1. Responses	0 ① 2 3	<u>1.0</u>
D. <u>Human Relations Skills: Acceptable Behaviors in Groups</u>		
1. Group Situations	0 1 ② 3	
2. Behaviors That Help or Hinder	0 ① 2 3	<u>1.5</u>
E. <u>Relating With Significant Others: Competitiveness and Cooperativeness</u>		
1. Cooperativeness	0 1 2 ③	
2. Competitiveness	0 1 2 ③	<u>3.0</u>
F. <u>Relating With Significant Others: Family Relationships</u>		
1. Roles of Family Members	0 1 ② 3	
2. Family Relationships: Their Own	0 1 ② 3	<u>2.0</u>

G. Self Validation: Worthwhileness

1. Distinguishing Factors

Rating Average
0 1 2 3
0 1 2 3

2. Feelings and Causes

1.0

H. Self Validation: Control Over Self and Environment

1. Affecting Things and Others

0 1 2 3 1.0

I. Self Validation: Individual Differences

1. People: Alike or Different

0 1 2 3 2.0

Average Interpersonal Effectiveness Domain Rating

1.77

© 1977 Georgia State Department of Education

The preparation of this publication was supported in whole or in part by the U.S. Office of Education, Department of Health, Education and Welfare under Grant # G007500339.

Developed by Margaret S. Gunderson, Nancy Ross Milner, and Earl J. Moore, University of Missouri-Columbia

SAMPLE

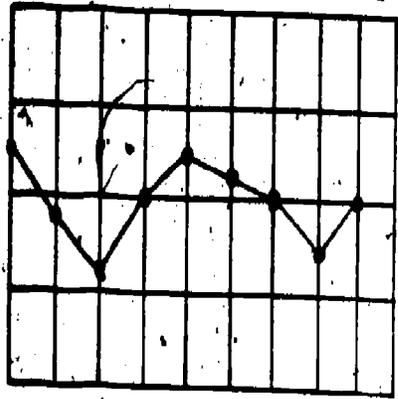
DEVELOPMENTAL PROFILE: INTERPERSONAL EFFECTIVENESS DOMAIN

Grades K-6

Student's Name Grade One Pupil

Kindergarten

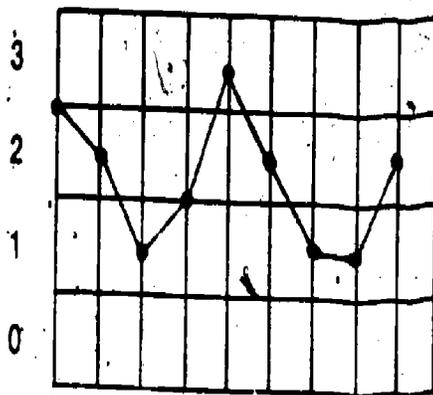
Year: '76



A B C D E F G H I

First Grade

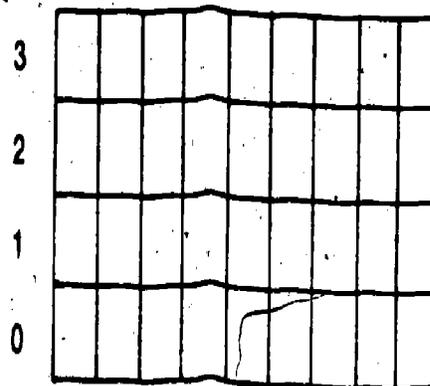
Year: '77



A B C D E F G H I

Second Grade

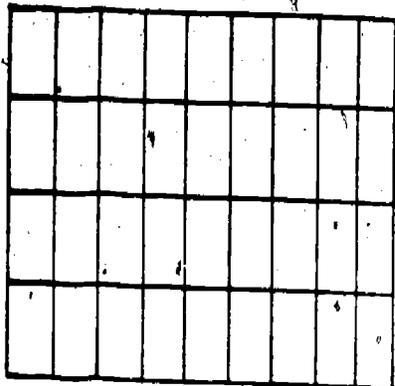
Year:



A B C D E F G H I

Third Grade

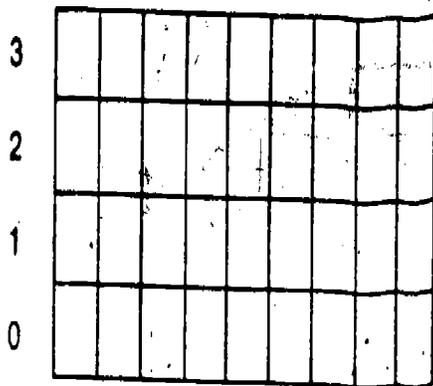
Year:



A B C D E F G H I

Fourth Grade

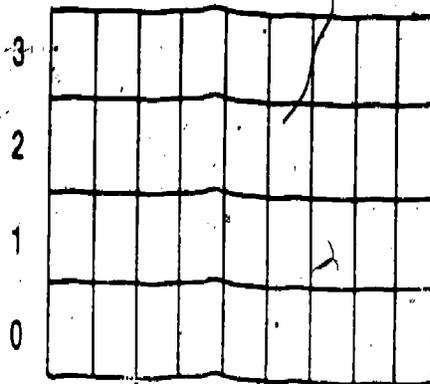
Year:



A B C D E F G H I

Fifth Grade

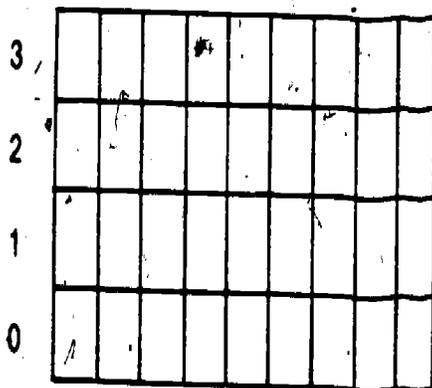
Year:



A B C D E F G H I

Sixth Grade

Year:



A B C D E F G H I

USING THE RESULTS
OF
THE RATING SCALE

USING THE RESULTS OF THE RATING SCALE

The Rating Scale and the process of rating the children with it have been thoroughly explained. You are now, no doubt, completely familiar with the Goals, Developmental Objectives, and Competencies listed in the Skill Level Criteria. It is time to address the specific value and use of the results obtained through use of the Rating Scale. Your own familiarity with the Skill Level Criteria will suggest unique uses to you in your own situation. The following suggestions are meant only to supplement yours and to present broad uses that could be employed by whole schools, school districts, or states.

Current and Immediate Use of the Results

Determine individual student strengths and weaknesses in Career Guidance.

Plan immediate curriculum changes for an individual student.

Determine the strengths and weaknesses of a classroom group in order to plan curriculum adaptations to meet the needs of the group.

Monitor individual and group progress.

Future Use of the Results

There are no standardized guidelines for the evaluation of students' incorporation of career guidance concepts into their

Future Use of the
Results, Continued

lives. There are no set standards for mastery. This void leaves open the need for establishing the levels that can realistically be expected of children in various grade levels, of various ages, of various socio-economic status, of various ability, etc. Conscientious use of the Rating Scale can provide empirically based expectancies, developmental stages in career education concepts, use a sound basis for the sequencing and modification of the curriculum, and a basis for determining the methods of judging of student mastery. For example, some decision needs to be made regarding the use of the objectives stated by developmental level; should all be taught to all grades in that developmental level or should they be specified to be taught at specific grade levels.

A Guidance Department or Curriculum Director in the school system may want to

Future Use of the
Results, Concluded

systematically gather the results of
the Rating Scale in order to assess needs
of students at different levels and
to establish school-wide expectancies
for students in career guidance concepts.

The Competency Rating Scale provides a set of guidelines for the in-
fusion of career guidance concepts into the school curriculum. It can only
be as effective as those who use it allow it to be. It will be ineffective
if merely regarded as an exercise with the results hidden in filing cabinets
from April to April. It can be very effective if used to individualize
instruction, enrich classroom activities, enhance interpersonal, work,
and life skills for both teacher and students and to bring into focus the
idea that education is more than the three r's. The Rating Scale can
be an exciting new tool in the hands of educators who wish to grow and see
their students become more effective people.

APPENDIX

2

4

2

0

2

2

COMPETENCY RATING SCALE

Cross-Reference Chart

The following chart presents a cross-reference of the original Georgia goal classification with the goal classification that is used in the Comprehensive Career Guidance Program. Under the Georgia Goal Classification System column below, the numbered goals are those used by the Georgia Statewide Testing Program (Georgia Criterion-Referenced Tests). The lettered goals are those that were added by the Comprehensive Career Guidance Project.

Domain	Goal Classification System	Georgia Goal Classification System
Interpersonal Effectiveness	A B C D E F G H I	5 A B 6 D C E 2 1
Work and Life Skills	A B C D E F G H I J K	F 15 7 14 19 10 13 4 9 12 11
Life Career Planning	A B C D E F G H I J	3 17 18 20 G H I 8 16 J

COMPREHENSIVE CAREER GUIDANCE
COMPETENCY RATING SCALE

Overview Chart

Kindergarten - Sixth Grade

Developmental Level	K-1	2-4	5-6
Interpersonal Effectiveness Domain	9 Goals 14 Objectives 76 Competencies	9 Goals 17 Objectives 97 Competencies	9 Goals 18 Objectives 101 Competencies
Work and Life Skills Domain	11 Goals 22 Objectives 55 Competencies	11 Goals 27 Objectives 75 Competencies	11 Goals 17 Objectives 59 Competencies
Life Career Planning Domain	10 Goals 16 Objectives 64 Competencies	10 Goals 22 Objectives 121 Competencies	10 Goals 17 Objectives 116 Competencies
Developmental Level Totals	30 Goals 52 Objectives 205 Competencies	30 Goals 66 Objectives 293 Competencies	30 Goals 52 Objectives 276 Competencies

Total: 30 Goals * 170 Objectives * 774 Competencies

COMPREHENSIVE CAREER GUIDANCE
GOALS AND DEVELOPMENTAL OBJECTIVES

OVERVIEW

KINDERGARTEN THROUGH SIXTH GRADE

DOMAIN: ~~INTERPERSONAL~~ INTERPERSONAL EFFECTIVENESS

A. The students will be able to recognize that their behavior toward others affects other's behavior toward them.

K-1: 1. The students will be aware of the various interpersonal relationships in their lives.

2. The students will be aware of the different types of responses they use in interpersonal relationships.

2-4: 1. The students will understand the different types of responses they use in interpersonal relationships.

2. The students will be aware of how the actions of others affect their behavior.

5-6: 1. The students will be aware of how their actions affect the behavior of others.

2. The students will be aware of the relationship between actions and responses.

B. The students will be able to demonstrate an understanding of the process of making and keeping friendships.

K-1: 1. The students will be aware of the skills and characteristics that make up a friendship.

2-4: 1. The students will understand what skills and characteristics make up a friendship.

2. The students will be aware of the process of making and keeping friendships.

5-6: 1. The students will understand the process of making and keeping friendships.

2. The students will evaluate the effectiveness of their own friendship skills.

c. The students will be able to demonstrate an awareness of the various methods of expressing their opinions and beliefs.

K-1: 1. The students will be aware of different types of responses.

2-4: 1. The students will be aware of what constitutes an opinion, a belief, and a fact.

2. The students will be aware that all people have opinions and beliefs.

3. The students will be aware of the various methods of expressing opinions and beliefs.

5-6: 1. The students will understand the various methods of expressing opinions and beliefs.

2. The students will evaluate their own methods of expressing opinions and beliefs.

D. The students will be able to identify socially acceptable behaviors occurring in a group situation.

K-1: 1. The students will be aware of various group situations.

2. The students will be aware of those behaviors that help or hinder group cooperation and effectiveness.

2-4: 1. The students will understand those behaviors that help or hinder group cooperation and effectiveness.

2. The students will be aware that those behaviors which help the group to function include observing the rights of self and others.

5-6: 1. The students will understand the relationship between the rights of self and the rights of others in group situations.

2. The students will be aware of the characteristic behavior patterns (roles) that develop as a part of group interaction.

3. The students will be aware of their own behaviors in group interactions.

E. The students will be able to recognize the effects of competitiveness and cooperativeness with both peers and adults.

K-1: 1. The students will be aware of what constitutes cooperativeness.

2. The students will be aware of what constitutes competitiveness.

2-4: 1. The students will be aware of the results of cooperativeness.

2. The students will be aware of the results of competitiveness.

5-6: 1. The students will understand the effects of their cooperativeness with both peers and adults.

2. The students will understand the effects of their competitiveness with both peers and adults.

3. The students will be aware of the differences and similarities between competitiveness and cooperativeness.

F. The students will be able to recognize the value and process of establishing an effective relationship with their families.

K-1: 1. The students will be aware of the roles of each member of their families.

2. The students will be aware of their family relationships.

2-4: 1. The students will be aware of the process of establishing effective family relationships.

5-6: 1. The students will understand the process of establishing effective family relationships.

2. The students will be aware of the results that come from having effective family relationships.

G. The students will be able to achieve feelings of worthwhileness.

K-1: 1. The students will be aware of factors that distinguish self from others.

2. The students will be aware of feelings and their causes.

2-4: 1. The students will be aware of the activities they perform that make them feel worthwhile.

2. The students will be aware of personal characteristics that make them feel worthwhile.
- 5-6: 1. The students will be aware of methods of attaining feelings of worthwhileness in relation to other people.
 2. The students will understand their own feelings of worthwhileness.
- H. The students will be able to recognize that they can exercise some control over themselves and their environment.
- K-1: 1. The students will be aware that they affect things and others around them.
- 2-4: 1. The students will be aware of situations where they have some control over themselves.
 2. The students will be aware of situations where they have some control over their environment.
- 5-6: 1. The students will be aware of factors involved in the process of controlling themselves and their environment.
- I. The students will be able to demonstrate an understanding that all individuals, including themselves, have different and varying personal characteristics and abilities which distinguish them from one another, and that certain of these characteristics and abilities may change from time to time.
- K-1: 1. The students will be aware of ways that people are like and/or different from them.
- 2-4: 1. The students will be aware of characteristic behavior patterns and abilities in other individuals and in self.
- 5-6: 1. The students will understand about changes that occur in characteristic behaviors and abilities of self and/or others over time.

DOMAIN: WORK AND LIFE SKILLS

- A. The students will be able to identify consumer skills that are used in daily living.

- K-1: 1. The students will be aware of what a consumer is and what he/she does.
- 2-4: 1. The students will be aware of the consumer skills that they use in their own daily living.
- 5-6: 1. The students will understand the various consumer skills that are used and needed by different consumer groups.

B. The students will be able to identify the relevancy of school subject matter and other school experiences to community, home, leisure, and occupations.

- K-1: 1. The students will be aware of the school academic and social experiences at their grade level.
2. The students will be aware of how school academic and social experiences relate to the activities of family members in the home.
- 2-4: 1. The students will be aware of the school academic and social experiences at their grade level.
2. The students will understand how school academic and social experiences relate to the role of citizen in the community.
- 5-6: 1. The students will be aware of the school academic and social areas at their grade level.
2. The students will understand how school academic and social areas relate to the role of worker on the job.
3. The students will understand how school academic and social areas relate to the leisure participant.

C. The students will be able to recognize that others depend on them in helping perform a task and will be able to identify situations in which people depend on each other to perform certain tasks.

- K-1: 1. The students will be aware of activities in which they can participate.
- 2-4: 1. The students will be aware of activities in which others need their help.

- 5-6: 1. The students will understand situations where people are dependent upon each other to accomplish a task.
- D. The students will be able to recognize the value (personal rewards) which comes from a task well done.
- K-1: 1. The students will be aware of tasks that they are able to accomplish.
- 2-4: 1. Of the tasks they are able to accomplish, the students will be aware of those they do well.
2. The students will be aware of their personal criteria for successful task accomplishment.
- 5-6: 1. The students will understand the personal rewards available when a task is done well.
- E. The students will be able to recognize that tasks have a purpose and that steps are followed in completing a task.
- K-1: 1. The students will be aware of tasks carried out by themselves.
2. The students will be aware of the purpose of those tasks carried out by themselves and others.
- 2-4: 1. The students will be aware of tasks carried out by themselves and others.
2. The students will understand the purpose of those tasks carried out by themselves and others.
3. The students will be aware of the major processes in task accomplishment.
- 5-6: 1. The students will understand the major processes and the steps involved in task accomplishment.
- F. The students will be able to recognize certain personal characteristics that are related to job fields.
- K-1: 1. The students will be aware of various jobs.
- 2-4: 1. The students will be aware of various job categories.
2. The students will be aware of various personal characteristics.

3. The students will be aware of how some personal characteristics can relate to job fields.
- 5-6: 1. The students will understand how some personal characteristics relate to job fields.
2. The students will be aware of the importance of the relationship between personal characteristics and job choice.
- G. The students will be able to distinguish between work and leisure time activities.
- K-1: 1. The students will be aware of what work means.
2. The students will be aware of what leisure means.
3. The students will be aware of various work activities.
4. The students will be aware of various leisure time activities.
- 2-4: 1. The students will understand the difference between work and leisure.
2. The students will be aware of various work roles.
3. The students will be aware of various leisure roles.
4. The students will be aware of how their work and leisure time activities have/are/and will change.
- 5-6: 1. The students will understand the similarities and differences between work and leisure time activities.
- H. The students will be able to recognize that respect is due to others for the contributions they make in their various roles and when their work is well done, regardless of its nature.
- K-1: 1. The students will be aware of the work roles of people around them.
2. The students will be aware that each work role has a purpose.
3. The students will be aware of the meaning of respect.
- 2-4: 1. The students will be aware of the purposes of various work roles.

2. The students will understand the effects of quality work.
 3. The students will be aware that respect is due others for work that is well done.
- 5-6:
1. The students will understand the purposes of various work roles.
 2. The students will understand that respect is due to others for work that is well done, regardless of the nature of that work.
- I. The students will be able to recognize that all people perform some type of work.
- K-1:
1. The students will be aware of what work means.
 2. The students will be aware of various work activities.
 3. The students will be aware that family members work.
- 2-4:
1. The students will understand what work means.
 2. The students will be aware of how they and other students work.
- 5-6:
1. The students will understand various work roles and activities performed by others.
- J. The students will be able to recognize that work roles may change during one's career or that a worker may have multiple roles at the same time.
- K-1:
1. The students will be aware that change does take place throughout their lives.
 2. The students will be aware of what a worker is.
- 2-4:
1. The students will be aware of what a "work role" means.
 2. The students will be aware of what constitutes a career.
 3. The students will be aware that a change in work roles can take place during one's career.
- 5-6:
1. The students will understand various work roles and activities performed by others.

2. The students will be aware that a worker may have multiple roles at the same time.
- K. The students will be able to recognize that there are families (clusters) of jobs which relate to one another and that one's interests and abilities can relate to several jobs as a result.
- K-1: 1. The students will be aware of various jobs.
2. The students will be aware that some job fields relate to other job fields.
- 2-4: 1. The students will be aware of various job clusters.
2. The students will understand that some jobs relate to other jobs.
 3. The students will be aware of how interests and abilities relate to job clusters.
- 5-6: 1. The students will understand how interests and abilities relate to job clusters.
2. The students will be aware that interests and abilities can relate to several jobs.

DOMAIN: LIFE CAREER PLANNING

- A. The students will be able to recognize that attitudes and values affect decisions, actions, and life styles.
- K-1: 1. The students will be aware of what attitudes and values are.
2. The students will be aware that attitudes and values exist for everyone.
- 2-4: 1. The students will understand what attitudes and values are.
2. The students will understand that attitudes and values exist for everyone.
 3. The students will be aware of how attitudes and values affect decisions and actions.

- 5-6: 1. The students will be aware of various life styles.
2. The students will be aware of how attitudes and values affect decisions and life styles.

B. The students will be able to recognize that they make decisions and that their lives are influenced by decisions made by themselves and by others.

- K-1: 1. The students will be aware of what decision-making means.
2. The students will be aware that everyone makes decisions.

- 2-4: 1. The students will be aware of the decision-making process.
2. The students will be aware of how their lives are influenced by the decisions they make.

- 5-6: 1. The students will be aware of how their lives have been, are and will be influenced by the decisions they make.
2. The students will be aware of how their lives are influenced by decisions made by others.

C. The students will be able to recognize that there can be alternative decision-making courses, with differing consequences.

- K-1: 1. The students will be aware of what decision-making means.
2. The students will be aware that everyone makes decisions.

- 2-4: 1. The students will be aware of the decision-making process.
2. The students will be aware of the relationship between decisions and consequences.

- 5-6: 1. The students will understand the relationship between alternative decision-making courses and consequences.
2. The students will understand about the choices within decision-making courses and their differing consequences.

D. The students will be able to recognize that "planning" leads to more effective performance than does chance or "trial and error" approach to a task.

- K-1: 1. The students will be aware of the planning process.

2. The students will be aware of the trial and error approach to a task.
- 2-4:
1. The students will understand the planning process.
 2. The students will understand the trial and error approach to a task.
 3. The students will understand the similarities and differences between the planning process and the trial and error process in task accomplishment.
- 5-6:
1. The students will understand that the planning process is a more effective approach for task accomplishment than trial and error.
- E. The students will be able to demonstrate effective study and learning skills.
- K-1:
1. The students will be aware of what constitutes effective study and learning skills.
- 2-4:
1. The students will understand what constitutes effective study and learning skills.
 2. The students will understand how their effective study skills apply in a study situation.
- 5-6:
1. The students will be aware of how their effective study skills combine to form a study system.
 2. The students will understand the importance of developing their own effective study system.
- F. The students will be able to employ listening and speaking skills that allow for involvement in classroom discussions and activities.
- K-1:
1. The students will be aware of listening skills and how to use them in the classroom.
 2. The students will be aware of speaking skills and how to use them in the classroom.
- 2-4:
1. The students will understand listening skills and how to use them in the classroom.

2. The students will understand speaking skills and how to use them in the classroom.
- 5-6:
1. The students will understand the applications of listening skills and how to use them in the classroom.
 2. The students will understand the applications of speaking skills and how to use them in the classroom.
- G. The students will be able to realistically evaluate ability, progress, and methods of improvement in various subject areas.
- K-1: 1. The students will be aware of various methods of evaluation.
- 2-4: 1. The students will understand various methods of evaluation.
2. The students will be aware of various methods of improvement in subject areas.
- 5-6: 1. The students will understand how to apply various methods of evaluation in determining ability, progress, and the effectiveness of methods of improvement in various subject areas.
- H. The students will be able to recognize how individual abilities aid in accomplishing different tasks.
- K-1: 1. The students will be aware of the abilities of themselves and others.
- 2-4: 1. The students will be aware of the development of abilities in themselves and others.
2. The students will be aware of how the abilities of themselves and others can contribute to the success of daily routine.
- 5-6: 1. The students will understand how individual ability differences contribute to the completion of specific tasks.
- I. The students will be able to recognize that learning occurs in all types of life situations.
- K-1: 1. The students will be aware of what constitutes learning.
2. The students will be aware that learning takes place in their daily lives.

- 2-4: 1. The students will be aware of the various methods of learning.
2. The students will understand about various situations in their own lives where learning takes place by different methods.

- 5-6: 1. The students will understand the learning process.
2. The students will be aware of the learning that takes place in the life situations of others.

J. The students will be able to appreciate the value of clarifying and expanding their interests and capabilities.

- K-1: 1. The students will be aware of their interests and capabilities.

- 2-4: 1. The students will be aware of factors that influence interests and capabilities.
2. The students will be aware that interests and capabilities can change.

- 5-6: 1. The students will be aware of how interests and capabilities can be expanded.
2. The students will be aware of the consequences of expanding interests and capabilities.

COMPREHENSIVE CAREER GUIDANCE

COMPETENCY RATING SCALE

Classroom Profile

Teacher _____ Year _____ Date _____

Student's Name	DOMAIN I				DOMAIN II				DOMAIN III			
	0	1	2	3	0	1	2	3	0	1	2	3
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
18.												
19.												
20.												
21.												
22.												
23.												
24.												
25.												
26.												
27.												
28.												
29.												
30.												

DOMAIN I - INTERPERSONAL EFFECTIVENESS DOMAIN
 DOMAIN II - WORK AND LIFE SKILLS DOMAIN
 DOMAIN III - LIFE CAREER PLANNING DOMAIN

COMPREHENSIVE CAREER GUIDANCE

COMPETENCY RATING SCALE

Classroom Profile

Teacher _____ Year _____ Date _____

Student's Name	DOMAIN I				DOMAIN II				DOMAIN III			
	0	1	2	3	0	1	2	3	0	1	2	3
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
18.												
19.												
20.												
21.												
22.												
23.												
24.												
25.												
26.												
27.												
28.												
29.												
30.												

DOMAIN I - INTERPERSONAL EFFECTIVENESS DOMAIN
 DOMAIN II - WORK AND LIFE SKILLS DOMAIN
 DOMAIN III - LIFE CAREER PLANNING DOMAIN

COMPREHENSIVE CAREER GUIDANCE

COMPETENCY RATING SCALE

Classroom Profile

Teacher _____ Year _____ Date _____

Student's Name	DOMAIN I				DOMAIN II				DOMAIN III			
	0	1	2	3	0	1	2	3	0	1	2	3
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
18.												
19.												
20.												
21.												
22.												
23.												
24.												
25.												
26.												
27.												
28.												
29.												
30.												

DOMAIN I - INTERPERSONAL EFFECTIVENESS DOMAIN
DOMAIN II - WORK AND LIFE SKILLS DOMAIN
DOMAIN III - LIFE CAREER PLANNING DOMAIN

REFERENCES

Brolin, D. E. Project Price: Competency Rating Scale Manual. Columbia, Missouri: Project Price, University of Missouri-Columbia, 1976.

Bessel, H., & Palomares, U. H. Methods in Human Development: Developmental Profile. San Diego: Human Development Training Institute, 1970.

Carkhuff, R. R. Helping and Human Relations: A Primer for Lay and Professional Helpers (2 vols.). New York: Holt, Rinehart and Winston, Inc., 1969.

Dinkmeyer, D., & McKay, G. Raising a Responsible Child. New York: Simon and Schuster, 1973.

Dinkmeyer, D., & McKay, G. Systematic Training for Effective Parenting (S.T.E.P.). Circle Pines, Minn.: American Guidance Services, Inc., 1976.

Ellis, A., & Harper, R.A. A Guide to Rational Living. Hollywood, CA: Wilshire Book Company, 1975.

Gordon, T. Parent Effectiveness Training. New York: Peter H. Wyden, Inc., 1970.

- 2-4: 1. The students will be aware of the various methods of learning.
2. The students will understand about various situations in their own lives where learning takes place by different methods.
- 5-6: 1. The students will understand the learning process.
2. The students will be aware of the learning that takes place in the life situations of others.
- J. The students will be able to appreciate the value of clarifying and expanding their interests and capabilities.
- K-1: 1. The students will be aware of their interests and capabilities.
- 2-4: 1. The students will be aware of factors that influence interests, and capabilities.
2. The students will be aware that interests and capabilities can change.
- 5-6: 1. The students will be aware of how interests and capabilities can be expanded.
2. The students will be aware of the consequences of expanding interests and capabilities.

COMPREHENSIVE CAREER GUIDANCE

COMPETENCY RATING SCALE

Classroom Profile

Teacher _____ Year _____ Date _____

Student's Name	DOMAIN I				DOMAIN II				DOMAIN III			
	0	1	2	3	0	1	2	3	0	1	2	3
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
18.												
19.												
20.												
21.												
22.												
23.												
24.												
25.												
26.												
27.												
28.												
29.												
30.												

DOMAIN I - INTERPERSONAL EFFECTIVENESS DOMAIN
 DOMAIN II - WORK AND LIFE SKILLS DOMAIN
 DOMAIN III - LIFE, CAREER PLANNING DOMAIN

COMPREHENSIVE CAREER GUIDANCE

COMPETENCY RATING SCALE

Classroom Profile

Teacher _____ Year _____ Date _____

Student's Name	DOMAIN I				DOMAIN II				DOMAIN III			
	0	1	2	3	0	1	2	3	0	1	2	3
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
18.												
19.												
20.												
21.												
22.												
23.												
24.												
25.												
26.												
27.												
28.												
29.												
30.												

DOMAIN I - INTERPERSONAL EFFECTIVENESS DOMAIN
 DOMAIN II - WORK AND LIFE SKILLS DOMAIN
 DOMAIN III - LIFE CAREER PLANNING DOMAIN

COMPREHENSIVE CAREER GUIDANCE

COMPETENCY RATING SCALE

Classroom Profile

Teacher _____ Year _____ Date _____

Student's Name	DOMAIN I				DOMAIN II				DOMAIN III			
	0	1	2	3	0	1	2	3	0	1	2	3
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
18.												
19.												
20.												
21.												
22.												
23.												
24.												
25.												
26.												
27.												
28.												
29.												
30.												

DOMAIN I - INTERPERSONAL EFFECTIVENESS DOMAIN
DOMAIN II - WORK AND LIFE SKILLS DOMAIN
DOMAIN III - LIFE CAREER PLANNING DOMAIN

REFERENCES

-92-

101

Brolin, D. E. Project Price: Competency Rating Scale Manual. Columbia, Missouri: Project Price, University of Missouri-Columbia, 1976.

Bessel, H., & Palomares, U. H. Methods in Human Development: Developmental Profile. San Diego: Human Development Training Institute, 1970.

Carkhuff, R. R. Helping and Human Relations: A Primer for Lay and Professional Helpers (2 vols.). New York: Holt, Rinehart and Winston, Inc., 1969.

Dinkmeyer, D., & McKay, G. Raising a Responsible Child. New York: Simon and Schuster, 1973.

Dinkmeyer, D., & McKay, G. Systematic Training for Effective Parenting (S.T.E.P.). Circle Pines, Minn.: American Guidance Services, Inc., 1976.

Ellis, A., & Harper, R.A. A Guide to Rational Living. Hollywood, CA: Wilshire Book Company, 1975.

Gordon, T. Parent Effectiveness Training. New York: Peter H. Wyden, Inc., 1970.