The Model 3 communication skills lexicon consists of three lists of words developed by the Southwest Regional Laboratory (SWRL) for use in communication skills instruction in K-6. This report documents the procedures followed in the specification and generation of the second component of the Model 3 communication skills lexicon, the general lexicon. The general lexicon is defined as those words learned by children in K-6. Explanations are provided for minor revisions of the inclusion-exclusion criteria defined in Cronnell's "Inclusion-Exclusion Criteria for the Model 3 Communication Skills Lexicon" (1971). The unavailability of a comprehensive source of up-to-date vocabulary is discussed; the procedures employed to compile such a source are detailed. Separate lists are included for literary, fictional, and historical names; geographical names; and phrases. (Author/RR)
SPECIFICATION OF THE MODEL 3 GENERAL LEXICON

Mary Rhode

ABSTRACT

This report documents the procedures followed in the specification and generation of the second component of the Model 3 communication skills lexicon, the general lexicon. Explanations are provided for minor revisions of the inclusion-exclusion criteria defined in Cronnell (1971b). The unavailability of a comprehensive source of up-to-date vocabulary is discussed; the procedures employed to compile such a source are detailed. Separate lists are included for: literary, fictional, and historical names, geographical names, and phrases.
SPECIFICATION OF THE MODEL 3 GENERAL LEXICON

Mary Rhode

The second stage in the design of the Model 3 communication skills lexicon is the identification of the general lexicon. The first stage was the specification of the entry lexicon (Rhode, 1972), which is that set of words known by children entering kindergarten. The entry lexicon forms the base for all communication skills instruction. The general lexicon has been defined (Cronnell, 1971a, p. 7) as "those words learned by children after entering kindergarten and by the end of the sixth grade." This paper, however, does not include the list of general lexicon words, since the purpose is to report on procedures used to generate the lexicon and to update the inclusion-exclusion criteria. Further, the general lexicon will not be decisively determined until the technical lexicon has been completed. Those words that are specified for the technical lexicon and are not commonly used in nonacademic activities will be deleted from the current list of general lexicon words. Because some sources that were used contain words that will be placed in the technical lexicon, deletions will have to be made. Therefore, the completed general list will be placed in circulation at a later date when technical words have been deleted. However, this paper does include certain specialized lists:

Appendix A  Literary, Fictional and Historical Names  17 entries
Appendix B  Geographic Names  281 entries
Appendix C  Phrases  172 entries
SOURCES AND PROCEDURES

Eight sources of words were used to obtain the general lexicon (sec Cronnell 1969 and 1971b); these sources and their criteria are summarized in Table 1 (p. 4). The first was comprised of items which occurred in only one entry lexicon source, and therefore did not meet the criterion for inclusion on the entry list.

The second source, Rinsland (1945), remains the most comprehensive study of the vocabulary of children in the United States. It was obtained from all types of children's writings, grades 1-8. Words from Rinsland were listed if they had a total frequency of four or more, with at least one occurrence at two different grade levels. Also, words were included with a total frequency of four or more, all in grade 8. In addition to the criteria specified by Cronnell (1971b, pp. 9,10,16), another inclusion criterion was defined when some items were found with relatively high frequencies, all in one grade level, but below grade 8: i.e., words with a total frequency of 11 or more, occurring at only one grade level, 1-7.

The third source, Murphy and others (1957), summarizes several studies in which only oral vocabulary in grades K-3 was recorded. Because it is unique in its representation of children's oral speech, Murphy and others was used as a source for both the entry lexicon (Rhode, 1972) and the general lexicon. As originally specified, all words, grades 1-3, were to be included in the general lexicon. This was revised to include words with a total cumulative frequency of five, grades K-3, allowing such items as advise, aircraft, breeze, and life buoy to be specified for the general lexicon.

1"Because of the limited writing ability and experience of the first-grade children, it was necessary to secure written reports of their conversation, in school and outside." (Rinsland, 1945, p. 8)
<table>
<thead>
<tr>
<th>Source</th>
<th>Inclusion Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entry lexicon</td>
<td>all words occurring only once</td>
</tr>
<tr>
<td>Rinsland (1945)</td>
<td>a. words with a total cumulative frequency of 4 or more, with at least one occurrence at two different grade levels</td>
</tr>
<tr>
<td></td>
<td>b. words with a frequency of 4 or more in grade 8</td>
</tr>
<tr>
<td></td>
<td>c. Words with a frequency of 11 or more at only one grade level, 1-7</td>
</tr>
<tr>
<td>Murphy and others (1957)</td>
<td>words with a total cumulative frequency of 5 or more, grades K-3</td>
</tr>
<tr>
<td>Durr (1970)</td>
<td>all words</td>
</tr>
<tr>
<td>Jacobs (1967)</td>
<td>all words</td>
</tr>
<tr>
<td>Green et al. (1958)—Grade 5</td>
<td>all words</td>
</tr>
<tr>
<td>Green et al. (1958)—Grade 6</td>
<td>all words</td>
</tr>
<tr>
<td>Contemporary words</td>
<td>words compiled by two staff members and included by agreement of half of the outside reviewers</td>
</tr>
</tbody>
</table>
For the next four sources, Durr (1970), a study of reading vocabulary in library books, Jacobs (1966), a study of children's written word lists, Green et al. (1958), grade 5, and Green et al. (1958), grade 6, studies of reading vocabulary in textbooks, the inclusion criteria were not changed; i.e., all words were included.

The last source is a study of contemporary words. As specified by Cronnell (1971b), McCann (1955) and Browning (1957) were screened by Activity staff and a combined set of these items (172 words and phrases) was reviewed by six people² outside of the Activity in order to produce a collection of "new words." However, it was felt that the resulting list was too limited and not a good representation of up-to-date vocabulary. Since no adequate current study has been published, and one is needed in order to make the general lexicon contemporary, Activity staff undertook a project to combine several recent representative and valid compilations into one comprehensive study.

The first reference used was a dictionary (Berg, 1953) which represents an effort to collect all lexical items that were reflections of vocabulary growth and change: neologisms, acronyms, new phrases, new meanings added to old words, etc. The author did not restrict himself only to oral or to written language, but recorded new items wherever and whenever he encountered them. Because the study was made in England and represents vocabulary from all age levels, some additional inclusion-exclusion criteria were established for selection of words by Activity staff (see Table 2, p. 6). These criteria were used with all subsequent reviews of new words.

²The following people generously contributed their time and effort to the editing of the combined McCann/Browning list: Rosalie Bennett, Hattie Coatney, Pauline Griffin, Steve Hackbarth, Jim Mineo, and Patricia Valdivia.
### TABLE 2

**ADDITIONAL INCLUSION–EXCLUSION CRITERIA FOR NEW WORDS**

1. *Exclude words where only the listed meaning is new and where there is another meaning, older but common (e.g., phantom and profile).*

2. *Include words where the listed meaning is the only or primary meaning in use by children today (e.g., parka and penicillin).*

3. *Exclude words not believed to be known by contemporary K–6 American children.*

4. *Include phrases and proper nouns based on the above criteria.*

5. *Exclude words which are new only in their uses as other parts of speech, not in their forms or meanings (e.g., audition as a verb).*
The second reference consulted was also a glossary of new words and new word uses (Reifer, 1955). No information could be found concerning either the sources for the material or the procedures followed in compiling the dictionary. However, it is a valuable study of relatively new terms.

The third reference was a list of "New Words and Phrases" found in the New York Times Encyclopedic Almanac 1972 (pp. 428-430, hereafter referred to as The Almanac). These were also new words and phrases plus new meanings for older terms, and were prepared by the lexicographical staff of the World Publishing Company.

Since the references used were dictionaries rather than records of oral or written language, editing procedures were established in order to obtain a list of words that are actually in use by K-6 children today (see Table 3, p.8). The initial procedures followed by Activity staff produced a combined list of 868 items. After this list had been edited by eight people outside the Activity and the agreement frequency criterion applied, a list of 524 items remained, approximately 60% of the list that was sent out for review. These newer expressions should be helpful in the development of a contemporary communication skills program (e.g. ad-lib, carport, deadline, emcee, litterbug, missile, smog, T-shirt, and underpass, to name a few).

As helpful as it is hoped these words will be, the study is not comprehensive enough. Not wanting to compromise quality and thoroughness, staff is postponing a final compilation and description of the results.

3The following people generously contributed their time and effort to the editing of the master list: Sue Beasley, Betty Berdiansky, Susan Baker, Jacqueline Maeder, Patricia Milazzo, Jim Mineo, Linda Oliver, and Lee Trithart.
TABLE 3
EDITING PROCEDURES FOR NEW WORDS

A. For each source:

1. Have two Activity staff members review all words, listing only those which are in current use by K-6 children.

2. Compare the two lists for agreement; have each staff member reconsider the inclusion of words that lacked agreement.

3. Combine the two resulting lists.

B. For combined sources:

1. Combine lists obtained above into one alphabetical list.

2. Have combined list edited by other SWRL staff members selected for their knowledge of children's contemporary vocabulary.

3. List with words from other sources (i.e., Rinsland, Murphy, etc.) all terms agreed upon by half of the outside reviewers.

---

1The inclusion-exclusion criteria in Cronnell (1971b) and the additional criteria in Table 1 were applied in the initial editing by staff.
obtained. We will continue to be alert to any new compilations of modern vocabulary. The items obtained from this study constitute the last of the eight sources for the general lexicon.

The final general lexicon was obtained by including those words which occurred in two or more of the above sources. Words already listed in the final entry lexicon were excluded. Also observed were the criteria specified in Cronnell (1971b, pp. 12,13), for adding words from only one source.

The principal authorities consulted were the two dictionaries: The American Heritage Dictionary of the English Language (1969, hereafter referred to as The AHD) and Webster's Seventh New Collegiate Dictionary (1967, Webster's). Because The AHD is more recent and lists many new items, it was consulted first.

PROPER NOUNS

Proper nouns fell into the following categories: names referring to people, geographic names, trade names, and holidays. The capitalization necessary for some words and phrases was not used as a criterion for exclusion from the general lexicon. Some capitalized forms appeared in the entry lexicon: e.g., America, God, and one-word names of holidays, months, and days of the week. Some are also in the general lexicon: e.g., Bible, Capitol, Catholic, Mountie, and Sabbath. Others are in the general lexicon phrase list: e.g., Cub Scout, United Nations, and phrase names of holidays, etc.
LITERARY, FICTIONAL, AND HISTORICAL NAMES (APPENDIX A)

When it was discovered that the sources produced a rather small set of proper nouns, the inclusion criteria intended for them (Cronnell, 1971b, p. 14) were not used. All but Rinsland, Murphy and others, and Green et al. omitted proper names. Since the Green et al. study of textbook material included eleven (p. 34) social studies books, almost half of the proper nouns were historical names. They are not words that are in general use and will probably be included in the lists of technical words to be edited by professional evaluators. Because of this imbalance of historical names, it was decided to add an exclusion criterion for proper nouns: i.e., all items found only in the fifth and sixth grades of Green et al. studies were excluded. Otherwise, the same inclusion criterion applied to all general lexicon items was also used for proper nouns (i.e., occurrence in two sources). This allowed for the inclusion of a few historical names that do seem to be in general use: e.g., Christopher Columbus, Abraham Lincoln, and George Washington.

Because of the impermanence of the names of living people as high frequency items in the general vocabulary, such names as Gene Autry and Hopalong Cassidy were excluded. Names of people, living or dead, who were prominent in the daily news will probably be in the technical lexicon if their claims to fame are newsworthy enough to be covered in the classroom (e.g., Eisenhower⁴). After these names were deleted, a set of 17 literary, fictional, and historical names remained (see Appendix A).

⁴This name had high frequencies because Eisenhower was president of the United States when some of the studies were made.
Although *The Almanac* (1972) remained the source, some of the inclusion criteria established for geographic names (Cronnell, 1971b, p. 15) were found to be unworkable, particularly with cut-off points too high to include many political and physical areas with names in general use. Most of the changes consisted of allowing for selectivity in more categories than had originally been specified (see Table 4, p. 12). "Selective" means that two staff members reviewed all items in *The Almanac* in the category indicated, making subjective judgments about those that were important enough to be in general use. Their two lists were compared and items of disagreement reconsidered. After all deletions had been made, the category of names was established.

For instance, the inclusion of only those world cities with populations over 3,000,000 allowed the listing of Leningrad and Sao Paulo, but not Paris or Berlin. Therefore, the cut-off point was eliminated, and world cities were included only by selection. The same problems were encountered with rivers (i.e., the Yukon River, but not the Colorado River or the Hudson River). Clearly, the linear measure of a river is not the primary basis for judging its importance. The inclusion criterion for each of these was changed to be selective only. Because of our close association with our English-speaking neighbor, Canada, it was felt that names of Canadian cities might be in general use; thus a separate category was established for Canadian cities and their inclusion was selective.

The only other change was the addition of Bangladesh to the list of countries with populations over 20,000,000.
<table>
<thead>
<tr>
<th>TABLE 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUMMARY OF INCLUSION CRITERIA FOR GEOGRAPHIC NAMES</td>
</tr>
</tbody>
</table>

A. Political areas

1. countries  
   all with populations over 20,000,000

2. states  
   all U.S. states

3. U. S. territories  
   selective

4. provinces  
   all Canadian provinces and territories

5. cities  
   a. U.S.: all state capitals
   b. U.S.: all "Representative American cities" in *The Almanac*
   c. Canada: selective
   d. world: selective

B. Physical areas and features

1. planets  
   all

2. continents  
   all

3. islands  
   selective

4. oceans, seas  
   selective

5. lakes  
   selective

6. rivers  
   selective

7. mountains  
   selective

8. deserts  
   selective

Note.--The source for all lists was *The Almanac*. 
Also included were geographic names found in two or more general lexicon sources, but not listed with names taken from *The Almanac* (e.g., Holland, Bethlehem, Canada). All items found only in the fifth and sixth grades of Green et al. were excluded (cf. p. 8 above). A few additional words were too local to be in general use by all children in the United States (i.e., Canton, Cape Cod, Lancaster, Long Beach) and were deleted.

**TRADE NAMES**

There is no separate listing of trade names. The entry lexicon included three trade names which are used more and more as common nouns, i.e., Band-Aid, Coca Cola, and Kleenex. Two more such terms, no longer associated exclusively with a product, and qualifying under all criteria, are included in the general lexicon, i.e., Scotch tape and Ping Pong. Less than ten other trade names qualified, and these were clearly specific products (i.e., Wheaties and Sugar Jets). Some were names of items that are or will be obsolete (i.e., Studebaker and Tiny Tears), and several were specific current automobiles (i.e., Cadillac and Pontiac). Since the lexicon is intended for use in the development of instructional materials for children, it was not felt that such trade names would be needed.

**HOLIDAYS**

Holidays are an important part of the life of a child. Much school curriculum is built around them, and reading textbooks have long used them as story material. Christmas, Easter, Halloween, and
Thanksgiving were in the entry lexicon. Four more holiday names were found in two or more sources: Hanukkah\(^5\) was added to the general list, and Christmas Eve, Fourth of July, and New Year were added to the phrase list. The remainder of our English holiday names are two-word phrases ending in either Day (e.g., Memorial Day) or Birthday (e.g., Lincoln's Birthday). In all but one instance (i.e., Arbor Day), the first words of the phrases, as well as the second words, are on either the entry or the general list, thus making reconstruction of the phrases possible.

**PHRASES (APPENDIX C)**

The importance of recognizing phrases in the description of vocabulary becomes more evident with each lexical study that the Activity staff undertakes. Both The AHD and Webster's recognize and list numerous phrases. Some words are listed only in phrase form and are, in a sense, bound to the other members of the phrase: e.g., according (to), artesian (well), cod-liver (oil), totem (pole). Other phrases contain words that can be used alone, but which have meanings that are no longer closely related to the individual words, particularly in the vocabularies of children (e.g., bulletin board, crab apple, french fries, pussy willow, sweet pea). Furthermore, it is probable that young elementary children often use a word only as part of a phrase. The word bulletin, as an independent word, is not found in any source until third grade; bulletin board is found in first grade, and would be learned early in the kindergarten year.

\(^5\)The alternative spelling (i.e., Chanukah) was not used because of the difficulty children would have with its nonconformity to the spelling-to-sound correspondences of English. Hanukkah is the Hebrew spelling.
Durr and Jacobs did not include any terms as phrases except a few compounds which the dictionaries list as two-word phrases. Rinssland included comparatively few phrases for such an exhaustive study (6,012,359 running words). Green et al. listed a proportionately high number of phrases, including many that would not usually be considered compounds (e.g., growing season, mud hole, raw material). Murphy and others, in their recording of children's oral speech, listed many phrases. Defining phrases is very difficult; even the dictionaries often do not agree. Also, phrases are no more static than the rest of language. With each succeeding edition of a dictionary, some phrases will have passed out of common usage and been deleted; others will have been added. Some phrases will have increased in usage to the extent that the parts are combined into one compound word. For example, Webster's lists as one word, boyfriend, but retains as a phrase, girl friend.

In spite of the limitations imposed by the difficulty in defining phrases and the omission of most phrases from the sources of children's writing and reading vocabulary, a list of 172 representative phrases (see Appendix C) was obtained on the basis of occurrence in at least two sources.

EXCLUSIONS

The Mod 3 lexicon includes as words many hyphenated items that were listed in one or both dictionary authorities. However, there were some classes of hyphenated terms, common in everyday speech, that were not recognized as one-word units by dictionaries.

Hyphenated numbers (e.g., twenty-one, fifty-seven, eighty-nine) and fractions (e.g., one-half, two-thirds, three-fourths) constitute infinite
sets, and were therefore excluded. The set of time words, while not
infinite, was too large to be practical (e.g., two-thirty, four-twenty-two,
ten-fifteen), and was excluded. Because of the varied sampling (some from
oral, some from written, and some from reading vocabularies), such hyphenated
terms would not be represented in all sources.

Another prolific set of hyphenated terms were those descriptive
modifiers with -ed or -ing endings. Those found in the sources were
combinations of noun-verb + -ed/-ing (e.g., ice-covered, coal-producing),
adjective-verb + -ed/-ing (e.g., best-known, fast-moving), and adjective-
noun + -ed (e.g., good-natured, long-legged). The few hyphenated items
that were found in one or both dictionaries were of the adjective-noun
+ -ed combination (e.g., empty-handed, fair-haired, deep-rooted) but were
each listed in only one source. An even smaller number had lost the
hyphen and been fused into single words (e.g., laborsaving, sunbaked).
This is an extremely productive construction in which the hyphen is really
a punctuation convention used to avoid syntactic and semantic ambiguity
in written language. For instance, in the phrase "light-colored box,"
the hyphen indicates that "light" refers to color rather than to the
weight of a colored box.

There is yet another expanding set of items in which some prefixes
and suffixes can be attached, without hyphen, to an inestimable number of free
base forms (e.g., un-, -hood, -ness). The dictionaries cannot list all pos-
sible combinations, even in the extra listings at the bottoms of pages. The
following are examples of words found in the sources, but not listed in
either dictionary: unpainted, boyhood, bigness. There is no reason to
think that our sampling uncovered all such productive prefixes and suffixes. Since words for the Mod 3 lexicon were defined as those items which were listed in either *The AHD* or *Webster's*, such items as those above were excluded from the lexicon.

After all words and phrases from all sources had been examined and assigned to either the general list or an appendix, there was a residue of approximately 30 items. Having failed to qualify as words for this lexicon because they were not listed in either *The AHD* or *Webster's*, they were rejected (e.g., dreidel, bunniah, shadoof). Most were from Murphy and others, Green *et al.*, and Jacobs. From Murphy's recording of children's oral vocabulary, we would expect to find some evidence of language irregularity (e.g., ascared, sitted, snuck) and language innovation (e.g., dressup and waggy). From Green *et al.*'s analysis of reading, social studies, and science textbooks, we might find some non-English words used in describing other cultures and some specialized words used in science technology. These possibilities might account for some items e.g., ahnighito, bunniah, fincas, petigrain, scandan, and shadoof. Jacob's study, in which children listed all the words they could think of for a 15-minute period, produced obvious misspellings which were corrected for the Mod 3 lexicon: e.g., alot, smokey, penguin, sandle, volumn. The child's intent was not clear in other words: e.g., blam, blut, cear, wist.
CONCLUSION

The compilation described above reflects a concentrated effort to obtain a comprehensive list of the general terms used by K-6 children. The sources for these terms were selected for their adequacy of sampling, variety of emphasis, and thoroughness of coverage. When it was discovered that contemporary vocabulary items were not adequately covered, an extensive study was undertaken to fill this gap. Finally, although there is no measurement of the passive, comprehension vocabularies of children, the Mod 3 general lexicon should prove to be a comprehensive and up-to-date representation of the speaking, writing, and reading vocabularies of children in grades K-6.
APPENDIX A

LITERARY, FICTIONAL, AND HISTORICAL NAMES

<table>
<thead>
<tr>
<th>Literary/Fictional Name</th>
<th>Historical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buffalo Bill</td>
<td>Frosty the Snowman</td>
</tr>
<tr>
<td>Christ</td>
<td>Jack Frost</td>
</tr>
<tr>
<td>Christ Child</td>
<td>Kit Carson</td>
</tr>
<tr>
<td>Cinderella</td>
<td>Lincoln, Abraham</td>
</tr>
<tr>
<td>Columbus, Christopher</td>
<td>Little Bo Peep</td>
</tr>
<tr>
<td>Farmer in the Dell</td>
<td>Little Miss Muffet</td>
</tr>
<tr>
<td></td>
<td>Lord</td>
</tr>
<tr>
<td></td>
<td>Pilgrim</td>
</tr>
<tr>
<td></td>
<td>Puritan</td>
</tr>
<tr>
<td></td>
<td>Robin Hood</td>
</tr>
<tr>
<td></td>
<td>Washington, George</td>
</tr>
</tbody>
</table>
APPENDIX B

GEOGRAPHIC NAMES

A. Political areas

1. countries

Argentina
Bangladesh
Brazil
Burma
China
Egypt
England
Ethiopia
France
Germany
India
Indonesia
Iran
Italy
Japan
Korea
Mexico
Nigeria
Pakistan
Philippines
Poland
Russia
Scotland
Spain
Thailand
Turkey
United States
Vietnam

2. states

Alabama
Alaska
Arkansas
Arizona
California
Colorado
Connecticut
Delaware
Georgia
Florida
Hawaii
Idaho
Illinois
Indiana
Iowa
Kansas
Kentucky
Louisiana
Maine
Massachusetts
Maryland
Michigan
Minnesota
Mississippi
Missouri
Montana
North Dakota
Nebraska
North Carolina
Nevada
New Hampshire
New Jersey
New Mexico
New York
Ohio
Oklahoma
Oregon
Pennsylvania
Rhode Island
South Carolina
South Dakota
Tennessee
Texas
Utah
Virginda
Vermont
West Virginia
Washington
Wisconsin
Wyoming

3. U. S. Territories

Canal Zone
Guam
Virgin Islands
Puerto Rico
Samoa
Wake Island

4. Canadian provinces and territories

Alberta
British Columbia
Manitoba
New Brunswick
Newfoundland
Northwest Territories
Nova Scotia
Ontario
Prince Edward Island
Quebec
Saskatchewan
Yukon Territory

5. Cities

a. state capitols

Albany
Annapolis
Atlanta
Augusta
Austin
Baton Rouge
Bismarck
Boise
Boston
Carson City
Charleston
Cheyenne
Columbia
Columbus
Concord
Denver
Des Moines
Dover
Frankfort
Harrisburg
Hartford
Helena
Honolulu
Indianapolis
Jackson
Jefferson City
Juneau

b. representative American cities

Albuquerque
Baltimore
Birmingham
Buffalo
Charleston
Chicago
Cincinnati
Cleveland
Dallas
Houston
Kansas City
Los Angeles
Louisville
Manchester
Memphis
Miami
Milwaukee
Minneapolis
Newark
New Orleans
New York
Omaha
Philadelphia
Pittsburgh
Portland  
St. Louis  
San Diego  
San Francisco  
Seattle  
Washington, D.C.

c. Canadian cities

Montreal  
Ottawa  
Toronto  
Vancouver

d. World cities

Amsterdam  
Athens  
Berlin  
Buenos Aires  
Cairo  
Copenhagen  
Dublin  
Havana  
Hong Kong  
Jerusalem  
London  
Madrid  
Manila  
Mexico City  
Moscow  
Paris  
Peking  
Rio de Janeiro  
Rome  
Tokyo

B. Physical areas and features

1. Planets

Earth  
Jupiter  
Mars  
Mercury  
Neptune  
Pluto  
Saturn  
Uranus  
Venus

2. Continents

Africa  
Antarctica  
Asia  
Australia  
Europe  
North America  
South America

3. Islands

Aleutians  
Bahamas  
Bermuda  
Catalina  
Cuba  
Formosa  
Great Britain  
Greenland  
Hawaiian Islands  
Iceland  
Ireland  
Long Island  
Manhattan  
New Zealand  
Staten Island  
Tahiti

4. Oceans, seas

Arctic Ocean  
Atlantic Ocean  
Caribbean Sea  
Gulf of Mexico  
Indian Ocean  
Mediterranean Sea  
Pacific Ocean

5. Lakes

Great Lakes  
Great Salt Lake  
Lake Champlain  
Lake Erie  
Lake Huron  
Lake Michigan  
Lake Ontario  
Lake Superior  
Lake Tahoe  
Salton Sea
6. rivers
   - Amazon River
   - Colorado River
   - Columbia River
   - Congo River
   - Danube River
   - Hudson River
   - Mississippi River
   - Missouri River
   - Nile River
   - Rio Grande
   - St. Lawrence River
   - Volga River
   - Yukon River

7. mountains
   - The Alps
   - The Andes
   - Appalachian Mountains
   - The Matterhorn
   - Mount Everest
   - Mount McKinley
   - Rocky Mountains
   - Sierra Nevadas

8. deserts
   - Death Valley
   - Mojave Desert
   - Sahara Desert

Additional geographic names found in two or more sources, but not included in lists from *The Almanac*:

- America
- Bethlehem
- Broadway
- Canada
- Chile
- Holland
- Israel
- North Pole
APPENDIX C

PHRASES

<p>| according to | commander in chief  | flying saucer |
| air conditioning | conveyor belt | fountain pen |
| Air Force | cook stove | Fourth of July |
| artesian well | corn bread | french fries |
| atom bomb | corn field | frying pan |
| atomic energy | cottage cheese | girl friend |
| baby sitter | cotton gin | Girl Scout |
| baking powder | cow girl | gold rush |
| blast furnace | crab apple | golf ball |
| blast off | Cub Scout | good morning |
| blue jay | doll house | good night |
| bobby pin | dry cell | guinea pig |
| boll weevil | dry ice | high school |
| booster shot | Empire State Building | home run |
| bow tie | fall line | horse race |
| Boy Scout | finger painting | human being |
| bulletin board | fire drill | ice skate |
| carbon dioxide | fire escape | iron curtain |
| cash register | fire extinguisher | jack rabbit |
| Christmas Eve | fire truck | jet engine |
| coast guard | first aid | jet plane |
| cocker spaniel | fishing pole | jingle bells |
| cod-liver oil | fishing rod | jump rope |
| jumping jack | ocean liner | root beer |
| June bug | olive oil | rubber band |
| jungle gym | once upon a time | safety pin |
| junior high | orange juice | scarlet fever |
| junior high school | paint set | school book |
| kiddie car | paper doll | school bus |
| knee sock | parcel post | Scotch tape |
| lamb chop | pine cone | sea breeze |
| license plate | pine tree | sea gull |
| life buoy | Ping Pong | sea level |
| lima bean | polar bear | sea lion |
| living room | police car | sewing machine |
| log cabin | polio shot | shopping center |
| looking glass | polka dot | shut up |
| lunch box | polo shirt | sleigh bell |
| lunch pail | pork chop | sliding board |
| mail truck | prairie schooner | soda pop |
| maple sugar | punching bag | space cadet |
| merry Christmas | pussy willow | spark plug |
| milk shake | ranch house | spinning wheel |
| milk truck | report card | squad car |
| Milky Way | river bank | steam shovel |
| motion picture | rocket ship | storm window |
| moving picture | rocking chair | string bean |
| New Year | rocking horse | sugar cane |</p>
<table>
<thead>
<tr>
<th>sweat shirt</th>
<th>tooth decay</th>
<th>United Nations</th>
</tr>
</thead>
<tbody>
<tr>
<td>sweet pea</td>
<td>totem pole</td>
<td>vacuum cleaner</td>
</tr>
<tr>
<td>swimming pool</td>
<td>tow truck</td>
<td>Valentine's Day</td>
</tr>
<tr>
<td>take off</td>
<td>trading post</td>
<td>wake up</td>
</tr>
<tr>
<td>tap dance</td>
<td>trailer truck</td>
<td>walking doll</td>
</tr>
<tr>
<td>tea set</td>
<td>trash can</td>
<td>whooping cough</td>
</tr>
<tr>
<td>teddy bear</td>
<td>tuna fish</td>
<td>wood box</td>
</tr>
<tr>
<td>Thanksgiving Day</td>
<td>two wheeler</td>
<td>yellow fever</td>
</tr>
<tr>
<td>tomato juice</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
REFERENCES


Cronnell, B. Graded vocabulary studies of children in kindergarten through grade three. Technical Note, November 11, 1969, Southwest Regional Laboratory, Los Alamitos, California.

Cronnell, B. Components of a Mod 3 Lexicon. Technical Note No. TN-2-71-06, 1971, Southwest Regional Laboratory, Los Alamitos, California. (a)

Cronnell, B. Inclusion-exclusion criteria for the Model 3 communication skills lexicon. Technical Note No. TN-2-71-38, 1971, Southwest Regional Laboratory, Los Alamitos, California. (b)


Rhode, M. Specification of the Model 3 entry lexicon. Technical Note No. TN-2-72-08, 1972, Southwest Regional Laboratory, Los Alamitos, California.
Rinsland, H. D. *A Basic Vocabulary of Elementary School Children.*

*Webster's Seventh New Collegiate Dictionary.* Springfield, Massachusetts:
DISTRIBUTION
1 - Becher
1 - Berdiansky
1 - Bessemer
3 - Cronnell
1 - Follettie
1 - Koehler
1 - Lee
1 - Legum
1 - Niedermeyer
1 - Okada
3 - Rhode
1 - Rudegeair
1 - Rundle
1 - Russell
1 - Schwab
1 - Scott
1 - Smith