


AN ABSTRACT OF THE THESIS OF

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Title A Study of the Vocabularies of Thirty-three Preschool--
*Children with Recommendations for Promoting Vocabulary-----
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The present study was undertaken to determine existing gaps between words that are learned by the preschool child through his home environment and what words are most frequently used in the English language.

The writer compiled a frequency list of words used by preschool children at the various age levels from thirty-three vocabularies which were taken from the literature (Table I). These words were tabulated in Thorndike's book (43), The Teacher's Word Book of 20,000 Words. The words were then segregated according to the various age levels to determine the number of vocabularies at each age level in which each word occurred (Tables II, III, IV, V, and VI). Words which were not found in Thorndike's list and also the compound words were listed separately (Tables VII and VIII).

To show more clearly where the gaps exist between the words used by the child and the most frequently used words in the English language, the writer listed the first 2,000 most frequently used words as set forth by Thorndike and after each word tabulated the number of vocabularies at each of the age

levels in which the word was found (Tables IX, X, XI, and XII).

The words which were not used by the children represent the gap. These words were listed under two classifications, (1) the words which were not used by any of the children (Tables XIII, XIV, XV, and XVI), and (2) the words which were used by 25 per cent or less of the children (Tables XVII, XVIII, XIX, and XX).

This study shows that gaps do exist between the words used by the preschool child and words most frequently used in the English language. The words which make up these gaps are listed in Tables XIII, XIV, XV, XVI, XVII, XVIII, XIX, and XX.

Since there is a high correlation between intelligence and vocabulary and since the intelligence quotient can be altered by environment, it would seem that increasing the child's vocabulary through a proper environment would tend to improve his score on intelligence tests.

In general, the child's vocabulary can be increased by improved environment. However, the child's vocabulary growth should be directed in order that it will include the words which will be of greatest value to him when he makes the transition from the home to the outside world.

A STUDY OF THE VOCABULARIES OF THIRTY-THREE
PRESCHOOL CHILDREN WITH RECOMMENDATIONS
FOR PROMOTING VOCABULARY DEVELOPMENT

by

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Chapter I

INTRODUCTION

Each word which is the record of some fact or thought furnishes a means by which that fact or thought can be transmitted to others. The more words one knows, providing these words are well selected, the better prepared is that person to understand and express ideas.

Professor E. A. Kilpatrick (28-p.209) says:

In the development of each individual, nothing exercises a greater influence in moulding and developing thought and feeling than his language environment. The vocabulary of a person represents in a condensed and symbolic form all that he has experienced and imagined. The breadth of his mental experience is indicated by the number of words that have for him a meaning, while the accuracy of his thinking is shown by the constancy and exactness of meaning with which he uses words.

E. W. Doran (13-p.431) gives this importance to vocabulary:

Whether we can think without words or not it is certain that no connected train of thought is carried on independently of the symbols of thought. Therefore, by increasing the number of words at our command, we increase the number of concepts of the mind.

Exactness, clearness, and elegance of diction are impossible with a man who has a limited vocabulary. If

men had the power to discriminate in the use of words, and other men had the power to interpret them with precision, this would be a far happier world.

Language proper emerges in late infancy. In the course of three short years the child has a highly developed system of linguistic habits that he uses for the expression of his every need and desire, both physical and intellectual. In addition he is able to use many complex forms of sentences with appropriate inflections, and his vocabulary amounts to several thousand words.

During this preschool period, which is important because of the child's rapid development, a check on the words which make up the child's vocabulary is desirable. It is important that his progress in learning be directed toward words with which he will come in contact most frequently in the outside world.

In recent years a decreased amount of attention has been focused on the words used and understood at the various age levels throughout childhood. The great bulk of literature on language development appeared during the wave of interest in the child study movement beginning about 1890.

Recent studies which are briefly summarized in the following chapter show the need for more specific facts concerning methods of facilitating progress in the

preschool child's language development. This study, therefore, which includes an analysis of vocabularies learned in the home environment, was designed to increase our knowledge of the specific words included in the preschool child's vocabulary as it is learned in the home environment. Particular emphasis is placed upon suggestions which may be used by parents in the guidance of their child's language development. The results of this study should also be of value to parent educators who include units on language development in their study group programs.

Chapter II

THE PROBLEM

Summary of Studies Related to the Problem

Intelligence and Vocabulary

The positive relationship which exists between vocabulary and intelligence is clearly set forth by Lewis M. Terman (42-p.362) in his book "The Measurement of Intelligence."

The vocabulary test has a higher value (in testing intelligence) than any other single test of the scale. Our statistics show that in a large majority of cases the vocabulary test alone will give us an intelligence quotient within ten per cent of that secured by the entire scale. Out of hundreds of English-speaking children we have not found one testing significantly above age who had a significantly low vocabulary; and correspondingly those who test much below age never have a high vocabulary.

Arnold Gesell states: (17-p.220-221)

That the acquisition of words undergoes a consistent increase as the child grows older is amply borne out by our studies of the three-, four-, and five-year-old children. This increase in vocabulary is an index of maturity and also in a measure an index of intelligence. Conversational facility which involves emotional readiness and sociability is more powerfully influenced by personality traits and environment factors.

From the standpoint of mental hygiene and developmental diagnosis, conversation characteristics are more important than vocabulary index. Vocabulary, however, reflects the ability of the child to assimilate and utilize words, and therefore has a fundamental relation to endowment.

Stoddard and Wellman conclude: (41-p.113-114)

The relationship between vocabulary development of young children and mental age seems to be higher than the correlation between vocabulary ability and chronological age.

It has been demonstrated at the Iowa Child Welfare Research Station that the intelligence quotient can be altered. Dr. Beth Wellman reports: (44)

Modern nursery-schools have demonstrated that a child's intelligence can be changed remarkably by the right kind of education. During two years' experience in a nursery-school a child's intelligence may be permanently altered. After attending pre-school, he enters elementary school equipped with a higher I. Q. than he would have had without the pre-school experience, and he maintains this superiority throughout his school years.

Not all children profit in the same amount from preschool attendance. That depends upon their intellectual level at entrance. Those who are just average or slightly below gain the most; the superior ones gain considerably; the very superior some; and the "genius" children do not gain. Average children gain enough during two years so that at school entrance they are well up in the superior group.

Since there is a high relationship between intelligence and vocabulary it seems highly probable that language may be an important factor in this mental

acceleration.

Barrett and Koch (2) reach a similar conclusion as the result of their study on a group of orphanage children. In summarizing they say:

A group of orphanage children placed from six to nine months under a nursery-school regime showed consistently greater gains in mental test performance than did a carefully paired control group of orphans deprived of such experience. The nursery-school children had an average I. Q. of 91.71 on the test given just before training was begun and one of 112.57 on the retest given after training. The corresponding figures for the control group were 92.59 and 97.71 respectively.

An analysis of results leads us to infer that nursery-school activities and methods in some way raise the general accomplishment level of children.

Many studies have been made concerning intelligence and its relationship to various factors in the environment. In this study, however, only a few studies have been summarized since it seems important here merely to review some of the evidence which shows that there is a relationship between language and intelligence and that intelligence scores can be improved by an enriched environment.

Chapman and Wiggins (11-p.417) made a study on family size and intelligence. They have shown that the correlation between the size of the family and the intelligence of children within the family is negative as

shown by a correlation of $-.33$. There is a general tendency for the members of large families to be of inferior intelligence and conversely for members of small families to be of superior intelligence. These results may tend to show that the mere association of children within families does not insure high intelligence. The quality of the environment is important.

Freeman et al (15) found from a study of foster children that heredity and environment are both influential factors in the development of intelligence. The influence of the home was shown by the fact there is a correlation between early placement and intelligence and a slight relationship between the child's intelligence and the length of time he had spent in the foster home.

The conclusions of Barbara S. Burks (9-p.308-309) as to the relative influence of nature and nurture on intelligence are:

1. Home environment contributes about 17 per cent of the variance in I. Q.: parental intelligence alone accounts for about 33 per cent.
2. The total contribution of heredity (i.e. of innate and heritable factors) is probably not far from 75 or 80 per cent.
3. Measurable environment one standard deviation above or below the mean of the population does not shift the I. Q. by more than six to nine points above or below the value it would have had under normal environmental conditions.

In other words, nearly 70 per cent of school children have an actual I. Q. within six to nine points of that represented by their innate intelligence.

4. The maximal contribution of the best home environment to intelligence is apparently about 20 I. Q. points or less, and almost surely lies between 10 to 30 points. Conversely, the least cultured, least stimulating kind of American home environment may depress the I. Q. as much as 20 points.

Mead (31) in 1913 secured the reports of parents on the age of talking of normal and feeble-minded boys and girls. The girls in his investigation talked earlier than the boys, and the normal boys and girls talked at an earlier age than the feeble-minded boys and girls.

There are numerous other causes for delayed speech in addition to low intelligence. Arbuthnot (1) lists five other than feeble-mindedness. The child may get what he desires without the effort of talking. Too much fuss over the child's first successful attempts may cause confusion. The parents or the nurse may become over-anxious and bring too much pressure to bear, thus creating a tension in the child which may result in negativism. The child may have some physical defect, as a cleft palate, harelip, malformed teeth, or diseased tonsils and adenoids. Malnutrition and maladjustment to the environment may result in late speech development.

She suggests three simple ways of promoting speech. First, encourage the child through labeling and improving mildly his successful imitations. Second, furnish the child with some motive for speech. Third, talk to the child slowly, distinctly, and with as few words as possible.

To determine the sectional differences in the vocabularies of kindergarten children, Horn (22) took 489,555 running words which have this distribution: 59,610 words from the west, 95,233 words from the south, 71,463 words from the east, and 263,249 words from the middlewest.

In conclusion she says:

In so far as these data point to sectional differences in the vocabulary of children while attending kindergarten, there are few such differences; and these differences are of too small value to necessitate special consideration of such words in the kindergarten course of study.

Vocabulary Studies

Word Frequency Studies

One of the best known lists of most frequently used words is that of Edward L. Thorndike (43), "A Teacher's Word Book of the Twenty Thousand Words Found Most Frequently and Widely in General Reading for Children and Young People." About 15 years ago

Thorndike published his first list of 10,000 words which were found to occur most widely in a count of about 625,000 words from literature for children, about 3,000,000 words from the Bible and English classics, about 300,000 words from elementary school textbooks, about 50,000 words from books about cooking, sewing, farming, the trades, and the like, about 90,000 words from the daily newspapers, and about 500,000 words from correspondence. Forty-one different sources were used.

Since that time he has made extensive additional counts from over 200 other sources. These sources include about 5,000,000 words. As a result of this further study he was able to revise and improve his original list of 10,000 words and extend the list to 20,000 words, and to rate each word in groups from 1 to 20, according to the frequency and range of its occurrence.

Ernest Horn (20) prepared a similar list of the 10,000 words most frequently used in writing. As a basis for his study he analysed business and personal correspondence, letters of application and recommendation, letters of persons of more than average literary ability, minutes, resolutions, etc.

Ernest Horn (21) also has prepared a list of the commonest words in the spoken vocabulary of children up to and including six years of age. He compiled this list

from his own investigation of the spoken vocabulary of 80 children varying in age from one to six years, combined with a study made by Mrs. Ernest Horn of the spoken vocabulary of kindergarten children and a study by P. C. Parker of the spoken vocabulary of first-grade children in Detroit. After the studies were combined, in order to secure a more limited list, only those words were used which occurred in three investigations with a total frequency of 15 or more, or in two of the three investigations with a frequency of 25 or more.

M. D. Horn (23) prepared a list of the 1,003 words most frequently used by kindergarten children.

Elizabeth Stalnaker (40) recorded the vocabulary of 14 children in the preschool laboratory of West Virginia University who ranged in age from two years, four months to four years. She found that I, it, me, you, is, want, don't, going, get, the, a, my, here, to, in, and car were used ten times or more by at least three children.

Smith (39) from her observation of 88 children varying in age from two years to five years made the following findings of common words in conversations:

<u>Word</u>	<u>Frequency</u>
I	2,543
is	1,611
it	1,041
you	955
that	790
do	787
a, an	748
this	712
not, n't	674
the	664
here	632
to	627

Margaret M. Nice (33) took the all day conversation of a child four years old. She found the following frequency for words used more than 100 times:

I	979	yes	150
don't	247	see	139
to	230	here	126
mama	215	it	124
want	210	my	123
this (pronoun)	186	do	121
you	175	not	119
did	175	this (adjective)	117
baby	170	me	116
no	161	going	112
get	154	on	103

Vocabulary Lists

Bateman (3) listed the vocabulary of his two daughters, Anne at 12 months and Jane at 36 months. To secure all the words known and used by Jane an observer was with her constantly for three weeks beginning with the third birthday, father, mother, or student assistant. All that the child said was recorded on

large sheets of paper. From these papers the vocabulary was compiled.

Certain principles were set up and followed in making the compilation. They are: 1. No proper nouns. 2. No variants of verbs and adjectives, except a few of the verb "to be." 3. All forms of pronouns are included. 4. No plurals unless the singulars were not used. 5. The same word is listed twice or more according to its grammatic use by the child. 6. Shortened and coined words are in quotation marks.

At 36 months Jane had a vocabulary count of 738 words. Anne had nine at one year.

Beyer (4) recorded the vocabulary of his son, Lynn Beyer, during the 23rd and 24th months. He had a total count of 771 words. To make the list a proper and actual record, the following conditions were followed.

1. No words were included except those used spontaneously and apparently understood.

2. Words known previously but not actually used during the two months of observation were omitted.

3. Words used early in the period but apparently forgotten before the end, were dropped.

4. Inflected forms were treated as distinct words only when there was a radical or internal change, as

foot, feet. The plurals in s were listed when used by the child; the singular form was not given.

Beyer (5) made a check on the vocabulary of his son during the 35th and 36th months. He made observations in the same manner and under the same restrictions as for the two-year vocabulary count. He found Lynn to have a total of 2,055 words.

Bohn (6) kept a word list of his daughter's vocabulary in the chronological order of their appearance in her speech from the ninth to the 27th month. Her parents were with her constantly during her waking hours and they jotted down words as soon as they were used independently, intelligently, and intelligibly. Only in the case of irregular verbs were the various tense forms regarded as separate words.

Boyd (7) reports the vocabulary of a girl at two years, three years, and four years. He collected the sentences used by the child in the last fortnight of the 24th, 36th, and 48th month. From these he made a vocabulary count and classified the words "to bring out their significance as an expression of the mental development of the child." The past tense and past participle of verbs were not included except in the case of a few irregular verbs (e.g., "go" and "went"). At three years the child had a total of 1,657 words and at four years

2,598 words.

Brandenburg (8) followed the practice of Professor Whipple (52) and included in the vocabulary count all verb forms, compounds, and inflections except the plural of nouns. He also followed the method employed by Whipple. A booklet of 26 pages was prepared, one page for each letter of the alphabet. A period of ten days was set aside for observing and recording the words used. The two weeks following were used for searching other children's vocabulary lists and the dictionary to secure words which might have been used by the child had the proper situation arisen. When such a word was found, a situation was produced with the intention to call forth the word. Also a list was made of the words used by the child during various periods prior to this, but which had been forgotten, or which could not be recalled because of lack of proper environment. The entire vocabulary was divided into two parts; the active or conscious vocabulary and the sub-conscious vocabulary. The total amounted to 2,282 words known and used by a three-year-old child.

Bush (10) used the following method: (a) For six weeks previous to the child's third birthday records were kept by the father and mother of all the words the child was heard to use; (b) a week previous to the third birthday, a small dictionary was scanned for such words as

discreet tests proved were being used intelligently by the child; finally (c) a comparison was made with the published vocabulary of a three-year-old boy (Whipple, Ped. Sem. 16, 1, 1909) and several more words were thereby obtained. Bush reports a total of 1944 words.

Dewey (12) reports sixteen words and phrases used by a one-year-old child.

The Gales (16) report a vocabulary study of the three oldest children of Professor and Mrs. West made as the children were successively two years old. The oldest child was taken again at three years of age. The work was chiefly done by Mrs. West, who began about a month before each of these birthdays to record as far as time and opportunity permitted, all the different words she heard the child use. She then made an alphabetical list of all the words. Proper nouns were not recorded, nor were declensions or inflections unless they were from different stems. Unfortunately, the first few pages containing the a, b, and c of one two-year-old girl's word list were lost. At three years a girl knew 1,176 words. At two years one girl knew 614 words, one girl knew 578 words, and one boy knew 115 words.

Grant (18) recorded the vocabulary of his daughter, listing the words in the chronological order of their acquisition from 12 months to 26 months. From the time

the child began to talk her words were taken down daily. No word was put down until she had used the word intelligently of her own accord. All plurals were excluded except those that were irregular on those learned before the singular form. All verb forms were included. All words used only in songs and Mother Goose rhymes were excluded. Also some few expressions and "bywords" were left out. At 12 months the child knew and used three words, at 18 months 77 words, and at two years 707 words.

Heilig (19) published the vocabulary of his daughter, Alice, on her third birthday. He and Mrs. Heilig began at her second year to keep a record of her words. The past tense and participle forms of verbs were counted as distinct words. 2,153 words were reported.

Jegi (24) recorded the vocabulary of a two-year-old child. He excluded all doubtful expressions and such as were used exclusively in songs, rhymes, and jingles, or in quotations of any sort. The list includes only words actually employed in expressing her ideas and emotions during the three weeks immediately preceding her second birthday. In a vestpocket notebook one page was set aside for each letter of the alphabet for the common words; one for exclamations of all kinds; one for sounds, and a few pages for proper names. He was

with the child for a few minutes at several different times each day. The list includes 1,212 common words, plus 82 proper names.

Mateer (29) made a study as a graduation thesis of the vocabulary of her brother who was four years and one week old when she began her observation. She made a notebook and arranged all the words he used alphabetically. For ten weeks she was with him almost constantly. The whole number of words which he used during the entire time was 1,020. This included all words which he had used before, all newly acquired ones and all original or "coined" words.

Nice (34) obtained the vocabulary of her 18 months daughter by keeping a record of all the words used up to that time. She was found to have a vocabulary of 145 words. The three-year-old vocabulary was taken (the same child) for one month before the child's birthday. A record was kept of every new word she was heard to say within that time. A few words were obtained by asking questions which would involve the use of the words it was thought she knew to answer. The total number of words at three years was 1,205. It took a longer time to secure a word list of the child at four years. From the 45th to the 47th month a partial record was kept. During the 48th month a complete record of everything

new was jotted down. A number of words were obtained by pointing to an object and asking her, "What is this?" The total number of words at four years was 1,870. Inflections of words were not included. Only words of which the child had a fair conception of the meaning were included. Proper names were counted.

Oatman (35) made a study of the general development of an eighteen-months-old boy. She listed the words comprising his vocabulary and classified them according to his principal interests (e.g., dress and toilet, the body, fires, food, interesting objects, and miscellaneous). Proper names, shortened, and coined words were counted. There were 110 words besides three letters of the alphabet.

Pelsma (36) published the vocabulary of his daughter at 12 months, 24 months, 36 months, and 48 months of age. At one year the child knew 10 words; at two years, 379 words. The only digression from the principle of reducing the number of words to a minimum, is in including all forms of the pronouns. All words used by the child three weeks prior to her second, third, and fourth birthdays were recorded in a tablet of 26 pages, each page lettered alphabetically. Words were secured from her daily conversation by asking questions to get her to name an object or action, the direct naming

of an object or action, "What is this?", from her imaginary conversation with her dolls or playmates, by her direct contribution in making the four-year word list, "I know ____."

Rowe and Rowe (38) report the vocabulary study of a boy four years old and again when he was six years old. Someone with a notebook and pencil was with the boy from the time he awoke until he went to sleep, recording each word used. The recording was begun on his fourth and sixth birthdays and kept up for ten weeks. To make sure a complete vocabulary was obtained this work was supplemented by going through an abridged dictionary and listing all words known to have been used by the child and not already recorded. 2,346 was the total number of words used at four years and 3,950 at six years.

The Whipples (45) secured the vocabulary of a three-year-old boy by recording all the words used by him for ten days prior to his third birthday. To this list they added all the words which they knew had been used previously. These words were tested by a framed conversation that would involve the use by the child of the words in question. Finally they turned to some of the published vocabularies of other children and tested the words found there and not secured by the first two methods. All words listed were those actually used in

sentences. The total number equaled 1,771 words.

Analysis for Parts of Speech

Many writers have analysed the vocabularies of children to determine the percentage of the various parts of speech used. Lukens (27) shows the difficulty in making such a study when he says, "To classify such child-words by the adult distinctions of the parts of speech is of course to be misled by very superficial considerations. It does not seem possible to classify a child's word until he uses all of the parts of speech." It appears that any word in the child's usage may function as any part of speech which is needed in the situation regardless of its usual classification. Dewey (12) says, "The psychological classification is to class the word according to what it means to a child, not to the adult with his grammatical forms all differentiated."

McCarthy (30-p.155-156) made a word analysis according to the various parts of speech on two bases: first, according to the total number of words used at each age level, and second, according to the number of different words used at each age. The following tendencies were indicated:

1. Considering the total number of words used, the proportion of nouns in the vocabulary is very large at the younger

ages, decreasing with age up to about thirty months.

2. Corresponding to this decrease in the percentage of nouns, there is an increase in the percentage of verbs, with advance in chronological age.
3. The other large increases are to be found in the proportions of adverbs and of pronouns.
4. Conjunctions appear late, as do the prepositions, and both of these categories increase, though slightly, with advance in age.
5. The sex differences are less marked , and though the same tendencies appear with advance in mental age as appeared with increase in chronological age, the sex differences disappear when we hold mental age constant.
6. When the parts of speech analysis based on the total number of words used were studied in relation to paternal occupation, the results failed to confirm the theory of Drever, who maintains that children with broader environments tend to have relatively more nouns and fewer verbs than children of more narrow experience.

Stalnaker (40) found the following percentages when she analysed the vocabulary of 14 preschool children at West Virginia University:

30.05% verbs	10.54% articles and
21.4% nouns	adjectives
12.46% pronouns	7.98% adverbs
4.99% prepositions	5.10% interjections
	1.3 % conjunctions

Grant (18) who made a survey of published vocabularies, says, "Most vocabularies are made up of even

more than 50 per cent nouns. In general, the proportion of nouns to the entire vocabulary decreases as the vocabulary increases, and the proportion of verbs increases accordingly."

Many other analyses of vocabularies have been made. Most of the authors of vocabulary lists have determined the percentages of the different parts of speech used.

Other Types of Studies

Smith (39), McCarthy (30), and Nice (32), have investigated the length of response.

Piaget (37), McCarthy (30), and Johnson and Josey (25), have classified the language of the child under two large groups - the ego-centric and the socialized.

Johnson (26) studied the rhythmic forms in the speech of nursery school children.

Smith (39) and Fisher (14) have made studies of the construction of the sentence in the speech of young children.

The Problem

The above review of literature shows that vocabulary and intelligence are closely related. It also shows that an enriched environment may improve intelligence scores. That this improvement is brought, at least in part, by means of language or vocabulary improvement seems probable. Since incidental learning in a favorable environment can accelerate a child's progress in development it seems logical to conclude that even greater progress can be made if this environment is specifically enriched. The determination of needs in vocabulary progress and the shaping of a child's environment to bring about a specific enrichment in needed areas, should facilitate more rapid progress in learning a useful vocabulary.

With the above assumption in mind the writer's problem as undertaken in this study may be stated as follows:

1. To determine the specific words with their frequencies found in preschool vocabularies at the various age levels.
2. To determine the relationship between the preschool child's sequence in learning words and the relative frequency of use in the English language as shown by Thorndike's word list (43).
3. To determine gaps between the words used by the child and the words most frequently used

in the English language.

4. To recommend methods for introducing into the child's vocabulary the words which are less readily acquired through incidental learning.

It seems reasonable to believe that the child with a vocabulary of five hundred words will progress more rapidly if he knows approximately the five hundred words most frequently used in the English language.

The writer hopes that the findings of this study which involves the analysis of thirty-three vocabularies of preschool children will be an aid primarily to parents and nursery school teachers in directing the language development of children. Parent educators may also find these data of value in study groups. Authors of children's books may find helpful suggestions for increasing the educational value of children's stories.

To enable the reader to make more specific use of the data presented, the analyses of word frequencies in vocabularies have been classified on the basis of age levels. The age levels selected for this grouping are one, one and one-half, two, three, and four years.

Individual vocabularies vary considerably in length and content. Because of this wide variation and the limited number of vocabularies studied, only the trend in vocabulary development can be shown.

Chapter III

METHOD

Since previous investigators have compiled vocabulary word lists (3, 4, 5, 6, 7, 8, 10, 12, 16, 18, 19, 24, 29, 34, 35, 36, 38, and 45) for children from one to five years of age, thirty-three of these lists were used by the writer in the present study.

The list of most frequently used words which was prepared by Thorndike (43) and published in his "Teacher's Word Book" was used as the criterion in evaluating the importance of each word in the Child's vocabulary. It also served as a means of determining the list of important words in the language which tend to be less readily learned by preschool children in the home environment.

The 20,000 words in "The Teacher's Word Book" are listed alphabetically with a code number following the word. The code number indicates the frequency of use for this word. 1a refers to the first 500 most frequently used words; 1b to the second 500; 2a to the third 500; 2b to the fourth 500, and so on with 3a, 3b, 4a, 4b, 5a, and 5b. 6 refers to the sixth thousand most frequently used words, 7 to the seventh thousand, etc.

In making the tabulations which were recorded in

"The Teacher's Word Book" the author followed the practice of Thorndike; namely, that of not making separate entries of plurals in s; plurals where y is replaced by ies; adverbs formed by adding ly; comparatives and superlatives formed by adding er or est, or r and st; verb forms in s, d, ed, and ing; past participles formed by adding n; and adjectives formed by adding n to proper nouns. Homographs like bear (the animal) and bear (to carry) are counted together.

Baby talk (e.g., da, which may have meaning for the child but has no place in adult language) was disregarded. Proper names also were excluded from the study. Words which were not found in "The Teacher's Word Book" and compound words were listed on a separate paper.

For each word reported in the several vocabularies, the frequency of appearance was determined.

To show the gaps more clearly between what words the child uses and what he will most frequently hear, the first 2,000 most frequently used words, as determined by Thorndike, were listed with the number of vocabularies of the particular age levels at which these words occurred.

Since four years was the highest age level included in this study, the first 2,000 words were chosen because Smith (44) found the average vocabulary of 26

four-year-old children with a mean intelligence quotient of 109 to be 1,540 words.

Table I

Investigations From Which the Thirty-three Vocabulary Lists Used in This Study Were Secured

Author	Ref.	Sex of the child	Age of the child	Number of words
Bateman	3	F	1 yr.	9
		F	3 yr.	738
Beyer	4	M	2 yr.	771
	5	M	3 yr.	2,055
Bohn	6	F	1 yr.	7
		F	1½ yr.	207
		F	2 yr.	667
Boyd	7	F	2 yr.	656
		F	3 yr.	1,657
		F	4 yr.	2,598
Brandenburg	8	F	3 yr.	2,282
Bush	10	F	3 yr.	1,944
Dewey	12	M	1 yr.	17
Gale	16	F	3 yr.	1,176
		F	2 yr.	614
		F	2 yr.	578
		M	2 yr.	115
Grant	18	F	1 yr.	3
		F	1½ yr.	77
		F	2 yr.	707
Heilig	19	F	3 yr.	2,153
Jegi	24	F	2 yr.	1,294
Mateer	29	M	4 yr.	1,020
Nice	34	F	1½ yr.	145
		F	3 yr.	1,205
		F	4 yr.	1,870
Oatman	35	M	1½ yr.	110
Pelsma	36	F	1 yr.	10
		F	2 yr.	379
		F	3 yr.	681
		F	4 yr.	1,278
Rowe	38	M	4 yr.	2,346
Whipple	45	M	3 yr.	1,771

Chapter IV

RESULTS

Although the vocabulary lists presented in this chapter upon first inspection may appear to be long, they are valuable in that they tend to show the type of words learned through the home environment. A careful analysis will show that many words learned by the pre-school child are seldom used outside the home. The opposite is also true, that many words used frequently outside the home are seldom acquired by the child in the home environment.

It seems probable that one of the difficulties met by the child as he leaves the home for the first time to enter school is that of understanding the words included in the school environment.

Many more evidences of tension and fatigue are found in the first year of school than in other years. It is probable that the home could reduce this condition somewhat if before the child enters school his vocabulary could be brought to a state which makes the conversation about him more understandable.

After being with a child constantly parents can become familiar with the words used by the child. From time to time the known words can be checked with the word

lists formed in this study. In this way parents may discover gaps which are present in their own child's vocabulary and also gaps between their child's and other children's vocabularies. It is extremely important that children have a background for understanding each other. Through language social contacts are made.

A further consideration of the outcomes of this study is set forth later in the chapter.

In Table II the words actually used by the group of five four-year old children are summarized. The first group contains those words found in the vocabularies of five children, the second group those found in vocabularies of four children, the third group those found in the vocabularies of three children, etc. The number at the left of the word is the frequency classification of that word as reported by Thorndike¹ (43).

¹ For explanation of code meanings see page 26 in this study.

Table II

A Summary of the Specific Words Found in the Vocabularies of Four-Year-Old Children. Words are Classified According to Those Found in Five, Four, Three, Two, and One Vocabularies. N = 5

The words found in 5 vocabularies		1a	by	1b	fish	1b	hurt
		1a	can	2a	flag	1a	if
		1a	carry	1a	flower	1a	in
		1b	catch	1a	foot	2a	inside
1b	afraid	2a	chicken	1a	for	1a	is
1a	after	1a	church	2b	fork	1a	it
1b	afternoon	1b	clean	1a	front	2a	jump
1a	again	2a	climb	1a	full	1a	just
1a	all	1b	clock	3a	funny	2b	kick
1a	and	1b	coal	1a	garden	2a	knock
1a	another	1a	cold	1a	get	1a	know
1a	any	1a	come	1a	girl	1b	lady
3b	anybody	5b	cork	1a	give	2a	lamp
1a	arm	1b	corner	1b	glass	1a	last
1a	ask	1a	cover	1a	good	1a	lay
1b	baby	1b	cow	4a	grandma	1b	leg
1a	back	1b	cry	4b	grandpa	1a	light
4b	banana	1b	cup	1a	great	1a	like
1a	bank	5a	cupboard	1a	hair	1b	lip
3a	bath	1a	cut	1a	half	1a	little
2b	bean	1a	dark	2b	hammer	1a	long
1a	bear	2b	dig	1a	hand	1a	look
1a	bed	1b	dinner	1a	hard	1b	lot
1b	bell	3b	dirty	1b	hat	1a	make
1a	better	1a	do	1a	have	1a	mark
4a	bicycle	1a	door	1a	he	1a	might
1a	big	1a	down	1a	heavy	1a	miss
1a	black	1a	dress	2a	heel	2a	mix
1a	blow	1a	drink	1a	here	1b	moon
1a	blue	1a	drop	1b	hide	1a	must
1b	boat	2b	duck	1a	high	2a	nail
2a	bottle	1a	egg	1a	his	1b	neck
1a	box	1b	else	1a	hold	1a	never
1a	boy	2b	engine	1b	hole	1a	new
1a	bread	1a	eye	1a	home	1a	next
1b	break	1a	face	2b	hook	1b	nice
3b	broom	1a	feel	1a	horse	1a	night
1a	burn	1a	field	1a	hot	1a	no
1b	butter	1a	find	1a	house	1b	nose
2b	button	1b	finger	1a	how	1a	of
1a	buy	1a	fire	1b	hurry	1a	off

Table II - continued

1b	oh	1a	show	3a	toe	1a	alone
1a	old	1a	side	1b	tomorrow	1a	am
1a	on	1a	sister	1a	too	1a	apple
1a	once	1b	skin	1a	top	1a	around
1a	open	1a	sleep	1b	touch	1a	as
1a	other	3a	slide	1a	train	1a	at
1a	out	2a	smell	1a	try	2a	aunt
1b	outside	1b	smoke	1a	under	2b	automobile
3b	oven	1b	snow	1a	up	1a	away
1a	over	1a	so	6	upstairs	2b	awful
1b	paint	3a	soap	1a	us	1a	bad
1a	paper	1a	soft	1a	use	2a	bake
2b	pencil	1a	some	1a	very	1a	ball
1a	people	1a	something	1a	walk	1b	band
1b	pick	2b	sore	1a	want	7	barefoot
1a	picture	1a	stand	1b	wash	2a	barn
1a	piece	1a	stay	1a	watch	1b	basket
3a	pillow	1a	step	1a	water	1a	be
2b	pink	1b	stick	1a	way	3b	bead
1a	place	2b	stocking	1b	wear	1a	before
2a	plate	1a	stone	1a	well	1a	behind
1a	play	1a	story	1a	what	2b	belt
2a	potato	2b	string	1b	wheel	2a	bend
1b	pound	2b	stuff	1a	where	1b	beside
1a	pretty	1a	summer	1a	white	1a	best
1b	pull	1a	sun	1a	who	1a	bird
3b	pussy	2b	swing	1a	whole	2b	birthday
1a	put	1a	table	1a	will	1b	bit
1a	rain	1a	talk	1a	wind	2a	bite
1a	ready	1b	taste	1a	window	2a	block
1a	red	2a	tea	1a	wish	1b	blood
1a	rest	1a	tell	1a	with	1b	bone
1a	right	1a	than	1a	wood	1a	book
1b	ring	1a	that	1a	work	1a	both
1a	roll	1a	them	1a	would	1b	bottom
2b	rub	1a	then	1a	write	2a	bowl
1a	run	1a	there	1a	yet	1b	breakfast
1a	say	1a	these	1a	you	1b	bridge
1a	school	1a	they			1a	brother
5a	scissors	1a	this	4 vocab-		1b	brown
4a	screen	2b	throat	ularies		2a	brush
5a	screw	2b	tight	1a	about	1a	build
1a	see	1a	time	1a	across	6	bump
1b	sheep	1b	tire	2a	ah	7	bun
1b	shoe	1a	to	1a	air	1b	busy
				2a	alive		

Table II - continued

1a	but	1a	eat	1b	iron	1b	mouth
3b	butterfly	1b	either	4a	jelly	1a	move
3b	cage	2a	empty	4a	juice	1a	much
1b	cake	1a	end	1a	keep	2b	mud
1a	call	1a	enough	2a	key	1a	my
1b	car	1a	every	1a	kind	1b	myself
1a	care	1b	everything	1b	kiss	4b	nap
1b	careful	1a	fall	2a	kitchen	3b	napkin
3a	cart	2b	fan	4b	kitty	4b	naughty
2a	cat	1a	far	1b	knee	1a	near
3a	cellar	1a	fast	2a	knife	1a	need
1b	chair	1b	fat	3b	knot	2b	nobody
6	chew	2a	feather	1a	late	1b	none
4a	chin	2a	fence	5b	leaf	1a	not
1b	Christmas	1a	first	1a	leave	1a	nothing
3b	closet	1a	five	4a	lemon	1a	now
1b	clothes	1a	floor	5a	lemonade	1a	one
1b	coat	1a	fly	1a	let	1a	only
1a	corn	1a	food	1a	letter	2a	orange
3a	couch	1b	forget	4a	lick	1b	ought
4a	cough	1a	four	1b	lift	1a	our
1a	could	1a	from	1a	line	1b	page
1b	count	1a	go	1a	live	3a	papa
6	cracker	2a	grape	1b	lose	3a	pea
3b	crawl	1b	grass	1b	loud	7	peanut
2a	cream	1a	green	1a	love	3a	pear
1a	cross	1a	ground	1a	low	1b	pen
4a	crust	1a	grow	3b	lunch	2b	penny
2b	curl	1b	guess	2a	mail	4a	pepper
3b	darling	1b	hall	1a	man	1b	perhaps
6	darn	2a	handle	1a	many	4a	piano
1a	day	1b	hang	1a	me	2a	pig
1a	dear	1a	head	1a	mean	4a	pinch
1a	die	1a	hear	1b	meat	1a	please
1b	different	5b	hello	3a	mend	1a	poor
3b	dirt	1a	help	1b	middle	12	postcard
2a	dish	1a	her	1a	milk	4b	prune
1b	doctor	1a	him	1a	mind	4b	pumpkin
1b	dog	2b	hit	1a	mine	5b	punch
2b	doll	2a	horn	1b	minute	2a	push
4a	donkey	2a	hungry	2a	mistake	1b	quiet
7	downstairs	1a	I	1a	more	2b	rabbit
1b	dust	1b	ice	1a	morning	10	radish
1a	each	3a	ink	1a	mother	11	raspberry
1a	ear	1a	into	2a	mouse	1a	read

Table II - continued

1b	real	12	sticky	2a	wet	2b	bench
1a	remember	4a	stomach	1a	when	2b	berry
2b	ribbon	1a	stop	1a	while	7	bib
3a	rice	1b	store	2b	whip	1b	bill
1a	ride	1a	street	2a	whistle	4b	blanket
2b	robin	1a	such	1a	why	4a	bleed
1a	rock	1b	sugar	1a	winter	1b	board
1b	roof	2a	supper	2b	wire	12	bonfire
1a	room	1b	suppose	1b	wonder	4a	bonnet
5b	rooster	2a	swallow	1b	wrong	1b	born
2b	rope	1a	sweet	1b	yellow	1b	branch
1b	rose	2a	swim	1b	yes	2a	brick
1a	round	12	tablecloth	1b	yesterday	1a	bring
1b	sand	1b	tail	1a	your	3a	bubble
1a	saw	1a	take			2b	bud
3a	scratch	1b	teacher	3	vocab-	5a	bug
1b	seed	2b	teeth	ularies		3a	bunch
1a	set	1a	thank	3b	ache	6	cab
2a	sew	1b	thin	1b	age	4a	calf
1a	she	1a	thing	1b	ago	2b	candy
2a	shell	1a	think	7	alligator	1b	cap
1b	shine	2a	thread	1a	almost	2a	card
2b	shirt	1a	three	1a	along	3b	carpet
2a	shoot	1a	through	1a	always	8	carrot
4b	shovel	3b	thumb	1a	an	1a	case
1b	shut	5a	tickle	1a	answer	2a	caught
1b	sick	1b	tie	1b	anything	4b	ceiling
1a	sing	2b	tiny	4b	anywhere	1b	chain
1a	sit	2a	tip	3b	apron	2a	chase
1a	six	1a	today	1a	are	2a	cheek
3b	skate	1a	together	2b	arrange	2b	cheese
2a	skirt	1a	town	2b	attention	2b	cherry
1b	sky	1a	tree	2a	awake	1a	children
3b	sleepy	4a	tub	11	baa	2b	chimney
3b	slipper	1a	turn	4a	bacon	1a	city
3a	somebody	1a	two	8	balloon	1b	cloth
1a	sometime	4b	umbrella	2a	bark	1b	cloud
3a	soup	1b	understand	3a	barrel	4b	clover
4b	sour	2a	wagon	1b	beat	2b	collar
5b	spill	1a	wait	1a	beautiful	4a	comb
2b	spoon	2a	wake	1a	because	5a	conductor
2a	stair	1a	wall	4a	bedroom	1b	cook
1b	star	1a	warm	5b	beetle	7	cooky
1a	start	1a	we	4a	behave	1b	cool
1b	station	1a	went	1b	belong	2a	cousin

Table II - continued

2b	crack	8	grunt	16	milkman
4b	cricket	2a	gun	3a	mirror
13	croquet	8	hammock	6	mister
2b	crow	8	hamper	5a	mitten
1b	crown	2b	handkerchief	1a	money
2a	curtain	1b	happen	4a	monkey
9	cute	1a	happy	8	mosquito
9	daddy	2a	hardly	1a	most
7	dandelion	5a	hatchet	1a	name
1a	deep	2a	hay	3b	nearly
1a	done	13	headlight	7	necktie
1b	double	1b	heaven	2b	newspaper
2a	dozen	2a	hen	12	nightgown
1a	draw	4b	hoe	2a	noise
1b	dream	2a	honey	2a	nut
1a	drive	5b	hug	2a	oil
4a	driver	1b	hunt	1a	own
2b	drum	6	itch	2a	ox(en)
1b	dry	3b	joke	2a	pack
8	dump	3a	kettle	3a	package
4b	dusty	2b	kid	3a	pail
1a	early	1a	kill	1b	pair
3b	elbow	2b	lace	2b	pan
7	electricity	1b	lake	3a	pant
4a	envelope	2b	lap	5a	pantry
2b	excuse	4a	lard	3a	parlor
1b	exercise	1a	large	5b	parrot
2b	fairy	1a	laugh	1a	pass
1b	feed	1a	learn	5b	paste
1a	fine	1a	left	3b	pat
1b	fix	1b	lie	3a	peach
2a	flat	3a	lightning	3b	peck
2b	float	3a	lily	1b	perfect
2b	forehead	1b	lion	4a	pet
2a	fox	1b	listen	5b	petticoat
3a	frog	1b	load	4b	picnic
2a	fun	4b	loaf	2a	pile
1b	game	2a	lock	2a	pin
1b	gate	4b	lump	2a	pipe
1a	glad	4b	magazine	4a	pitcher
2b	glove	1b	march	1a	plant
2a	goat	2a	match	2a	pocket
3b	goodbye	1a	matter	3a	poison
12	graham	1a	measure	8	poke
6	gravy	1a	meat	5b	policeman
13	greasy	2a	merry	2b	porch

Table II - continued

3b	prick	3b	somewhere	2a	track
3b	pudding	1b	song	2b	trap
5a	quack	1a	soon	1b	trip
1b	question	2a	sorry	1b	trouble
1a	quick	1b	sort	2a	trunk
1b	quite	1a	sound	3a	tumble
1b	race	5a	spank	5b	tunnel
3a	rag	4a	spider	20	unbutton
1a	raise	7	spool	1b	uncle
4b	rake	1b	spot	3b	underneath
1a	reach	1b	square	8	undress
5b	reindeer	2a	stamp	16	unfasten
2b	ripe	3a	stem	6	unlock
1a	river	1a	still	3a	velvet
1a	road	3a	stove	5a	vinegar
2b	rob	1b	straight	1a	was
5a	rotten	4b	strap	1b	wave
2a	rough	2a	straw	2b	weed
3a	rubber	3b	strawberry	1a	week
3a	rug	19	streetcar	10	wheelbarrow
1b	salt	1a	strong	1a	which
7	sandal	1b	study	2a	whisper
3a	scare	4b	stumble	18	whoa
5a	scrub	4b	suck	1b	wing
1b	seat	13	suitcase	2b	wipe
1a	second	2b	sunshine	1a	word
1a	send	1a	sure	2b	worm
2a	shadow	5b	switch	3b	yours
1a	shall	1b	tall	2a	yourself
2a	sharp	5a	tan		
4b	shave	1b	tear		
2a	sheet	6	tease		
4b	shelf	3a	telephone		
12	shiny	2a	terrible		
1a	short	1a	the		
4a	sidewalk	4b	thirsty		
2a	sink	1a	those		
3b	skip	1b	throw		
3b	sleeve	2b	thunder		
2a	slip	3a	tin		
1b	slow	1b	tongue		
1a	small	2b	tonight		
3a	snap	4b	towel		
7	sneeze	2a	tower		
5b	sock	2a	toy		

2 vocabularies

1a	a
1b	able
2b	alarm
2b	alike
1b	allow
1b	already
1a	among
1b	amount
1b	animal
4b	anyway
2a	apart
9	aren't
3b	ash

Table II - continued

2b	ashamed	6	buckle	3b	cloudy
2a	asleep	6	buffalo	2b	club
12	awfully	6	buggy	8	cobweb
2b	ax	1b	building	2a	cock
10	baboon	17	bulldog	1a	color
1b	bag	13	bumblebee	2a	comfort
4a	baker	13	bunny	2b	comfortable
6	bang	3b	bureau	1b	coming
5a	barber	2a	burst	1a	company
2a	bare	2a	bush	18	coop
3b	basin	5a	bust	2a	copy
3b	bat	3a	butcher	3b	cord
3a	bathe	9	buttercup	2a	cotton
9	bathroom	20	buttonhole	2b	couple
5a	beak	3b	buzz	4b	crab
1b	beauty	4b	cabbage	13	crayon
1b	bee	1a	came	11	crock
1a	been	8	camera	4b	crooked
5b	beet	2b	candle	4b	crumb
2a	beg	7	candlestick	7	cuddle
1a	believe	2b	can't	4a	cuff
6	bet	1b	captain	3a	cunning
1a	between	3a	carpenter	11	curly
2a	bitter	2a	carriage	6	currant
7	blackberry	2a	cast	3b	curve
4a	blackboard	3b	catalog	3b	cushion
1b	blind	6	caterpillar	9	dandy
4b	blunt	3b	cedar	1b	daughter
20	bobwhite	1b	cent	1a	dead
1a	body	4b	chalk	6	decorate
2a	boil	2a	chamber	1b	delight
6	boiler	1b	charge	2a	desk
14	bologna	2b	chest	1a	did
9	bookcase	3b	chestnut	6	dimple
2b	boot	1a	child	3a	dip
3a	borrow	18	chipmunk	6	dipper
4a	bother	4a	chocolate	2a	dollar
1b	bow	3a	chop	1b	don't
5a	bracelet	12	churn	11	doughnut
4b	braid	5a	circus	3a	dove
3b	brake	3a	clap	4a	drawer
2b	brass	1b	class	2b	easily
2a	breathe	5a	claw	4a	Easter
10	buck	1a	clear	1b	easy
4a	bucket	2b	cloak	1b	edge

Table II - continued

1b	eight	1b	gone	5b	laundry
4a	elephant	2a	goose	6	leak
7	elevator	10	gooseberry	1b	led
1b	enemy	1a	got	7	legging
1a	even	1b	grain	6	lettuce
1b	evening	4b	grate	2b	library
1a	ever	6	gravy	4b	liver
2b	everybody	1b	grew	9	lizard
1a	fair	2b	grind	2a	loose
1a	family	6	grocery	1a	lost
2a	farther	5a	growl	2a	lovely
1a	father	3a	ha	2a	mad
1b	fell	1a	had	3a	mamma
1a	few	5a	hatch	2a	map
1b	fight	6	headache	2b	marble
1b	figure	1b	heat	2a	marry
1a	fill	5a	hers	1a	may
1b	finish	1b	herself	4a	maybe
6	fireplace	11	hey	2a	meal
1b	firm	1a	hill	10	measles
1b	fit	1a	himself	2b	medicine
2a	flame	3b	hood	4a	moist
2a	flour	3a	hop	4a	monstrous
2a	fold	1a	hope	10	mop
2b	fond	4a	horseback	3b	moss
1a	found	4b	hose	14	motorman
2b	fountain	3a	howl	1a	mountain
2a	frame	1a	hundred	6	muddy
7	fried	4b	icy	4a	mule
1a	friend	1b	inch	1b	music
2b	fright	1b	Indian	7	mustard
2b	frighten	6	indoors	3a	negro
2a	fur	3a	insect	1b	neither
3b	furnace	2a	invite	1b	nest
3b	gallop	6	isn't	6	nibble
6	garter	2a	itself	4b	nickle
5b	gasoline	5a	jacket	1b	nine
15	giraffe	5a	Japanese	1a	north
5b	glue	3a	jar	1a	number
5a	gnaw	7	jerk	2a	nurse
6	gobble	1b	judge	7	oatmeal
17	gocart	1a	king	1b	ocean
1a	God	4b	kite	2a	o'clock
1a	gold	4a	kneel	3a	olive
19	goldfish	2a	lamb	4a	onion

Table II - continued

1a	or	1a	rich	3b	snatch
1a	order	11	rinse	5b	soak
6	outdoors	14	romper	1b	soil
9	overalls	2a	root	1a	son
1b	pain	4a	rosy	1a	south
2a	park	1b	row	3b	spade
1a	part	1b	rush	3a	sparrow
1b	past	5b	rusty	1a	speak
3a	patch	2b	sack	6	speck
1b	path	2b	saddle	3a	spin
1a	pay	1a	said	4b	spit
5a	peg	1a	sail	5b	splash
16	peppermint	1a	same	2a	splendid
5b	pickle	5b	sandwich	7	splinter
3a	poem	6	saucer	2a	spoil
2b	pond	1a	save	1a	spring
3a	pony	3b	schoolhouse	3b	sprinkle
5b	pop	3a	scrape	3a	squirrel
1b	post	9	scribble	8	starch
11	posy	1a	sea	2a	steam
2a	pot	1a	seem	6	steamboat
2a	pour	1b	sell	2b	steep
3a	powder	1b	seven	3a	sting
7	prance	2b	severe	2a	stir
2a	prayer	1b	shade	4a	stitch
2b	precious	1b	shake	4a	stool
1a	present	4a	sharpen	17	stopper
1b	press	7	shawl	1b	storm
3b	pretend	4a	shear	2a	stretch
1b	price	2b	shepherd	2a	strip
3a	pump	3a	shield	4a	stripe
5b	puppy	14	shotgun	2b	student
2b	purple	5a	shove	1b	suit
2b	quarrel	2b	shower	3b	sunny
1b	queen	9	sideboard	8	supporter
3b	queer	7	slam	1b	surprise
2b	quit	6	slap	12	suspender
3a	rack	5b	sled	3b	swan
2a	railroad	10	slim	4a	sweat
3b	rainbow	9	smash	6	sweater
2b	rat	1b	smile	2b	sweep
3b	rattle	2a	smooth	6	sweetheart
3a	raw	6	snail	10	tadpole
9	refrigerator	3a	snake	4b	tank
9	revolver				

Table II - continued

16	teakettle	13	watermelon	1a	also
2b	team	3a	wee	7	ammunition
6	teaspoon	2a	weigh	15	anemone
2a	tender	1a	were	2a	angel
1a	their	6	whale	2a	angry
6	thimble	1b	wild	4a	ankle
3a	thorn	13	wildcat	4a	ant
1a	thought	3a	witch	2b	anxious
3a	ticket	3b	wither	4b	apparent
4b	tiger	1a	without	9	apricot
1a	till	2a	wolf	2b	arch
5a	toad	1a	woman	1b	army
4b	toast	2b	won't	4a	arrest
5b	toilet	6	woodpecker	2b	arrow
5a	tomato	1a	world	13	artichoke
1a	took	2b	wrap	4a	ashore
2b	tool	3a	wreck	3a	aside
11	toot	5a	wren	8	asparagus
2b	tooth	14	wringer	2b	attack
12	toothache	4a	wrinkle	1b	attend
9	toothpick	6	wrist	5b	attic
6	tray	2b	wrote	2b	avenue
2b	truck	1b	yard	3b	awhile
2a	trim	1a	year	5a	awoke
5b	trolley	7	yeast	6	axle
4a	trousers	4a	yell	14*	backing
4b	tuck	1a	young	3b	backward
4b	tug	13	zebra	6*	backwards
9	tumbler			7	bacteria
4b	turtle			7	baggage
5b	typewriter	<u>1 vocabulary</u>		5a	bait
17	unbuckle	1b	account	5a	balm
3a	university	5b	acorn	6	bamboo
7	untie	3b	acquaint	18	banister
1a	until	1b	act	3b	banner
1b	valley	6*	actually	19	bantam
6	vase	1a	add	2a	bar
3a	vest	3b	adventure	13	barb
1b	village	9*	afterwards	7*	barely
2b	vine	1a	against	6	barge
3a	violet	4b	agent	2a	base
1a	visit	2b	aim	6	baseball
1a	voice	17	airship	19	basswood
2b	waist	7	alcohol	13	bathrobe
1b	waste	5a	alley	1b	battle
		3a	allowed		

Table II - continued

1b	bay	2a	bound	3b	cane
15	bazaar	4b	bowel	3b	cannon
2b	beach	3b	bower	4b	canoe
2b	beard	4b	brace	3a	cape
1b	beast	3a	brain	3b	careless
6	beaten	6	bran	11	carnation
2a	became	1b	brave	5a	carrier
20	bedclothes	2a	breast	4b	catholic
8	bedtime	2a	breath	2a	cattle
6	beech	6	breeches	2b	cave
18	beehive	3a	breeze	6	caw
5a	beer	11	breezy	6	celery
3a	beggar	4a	briar	5b	cemetery
1a	begin	3b	bridle	8	cereal
5b*	beginning	1b	bright	1b	chance
4b	besides	1b	broad	1a	change
4b	beware	2b	broke	3b	channel
12	billet	1b	broken	7	chap
2a	bind	17	broncho	3a	chapel
11	binder	1b	brook	8	charcoal
6	birdie	2b	brow	3b	chariot
5a	blackbird	6	buckwheat	2a	check
3a	blacksmith	4b	bugle	7	checkers
2b	blade	1b	built	2b	cheerful
3a	blast	3a	bull	6	cheery
2b	blaze	5b	bullet	3b	chick
8	bled	14	bum	20	chickenweed
1b	bless	3b	bundle	10	chiffonier
9	blindfold	11	bungalow	8	chilly
6	blister	11	burdock	2b	China
3b	bloody	5b	burr	13	Chinaman
2b	bloom	2a	bury	5a	Chinese
2a	blossom	3a	bushel	4b	chip
7	blouse	11	bushy	5a	chirp
19	blowpipe	6	busily	2a	choice
13	bluebell	1a	buy	4a	choke
12	blueberry	5a	bye	1b	choose
10	bluebird	3b	cabin	20	chunk
10	bobolink	4b	cabinet	7	cider
2a	bold	8	cackle	5b	cigar
13	boo	6	calamity	10	cigarette
8	boom	17*	calling	7	cinder
10	borax	4b	camel	10	cinnamon
2a	border	2a	camp	1b	circle
2b	bore	9	camphor	6	clam
7	bounce	3a	canal	3a	clasp

Table II - continued

2b	clay	4b	cripple	3b	disappoint
3b	clerk	7	crochet	2b	disease
4a	clever	7	crocodile	5b	disgust
10	click	9	crook	6	dizzy
5a	clime	5b	crouch	4a	dock
5a	cling	1b	crowd	1a	does
14	clipper	10	crumple	5a	dolly
11	clog	12	cub	4b	dome
1a	close	8	cucumber	9	domino
5b	clove	4b	curb	2b	dot
7	clown	9	curd	6	dough
4b	cluck	2b	cure	2b	drag
9	clump	9	custard	3b	dragon
8	clumsy	5b	cylinder	4b	drank
5a	cobbler	12	dad	4a	draught
13	cockroach	9	daffodil	19	drawing
7	cocoa	6	dagger	6	dresser
10	cocoon	3a	daisy	11	dressmaker
2a	coffee	3b	damp	4a	drip
13	cog	1b	dance	7	drone
4a	colored	2a	danger	2a	drown
3a	column	2b	dangerous	19	dryness
5b	comforter	1b	dare	3b	dug
1b	common	3a	dart	3a	dull
2a	companion	2a	dash	10	duster
4a	comparison	17*	dashing	3a	Dutch
2b	concern	1b	date	10	Dutchman
6	cone	3b	daylight	4a	dye
3b	confusion	1b	deal	10	dynamite
7	core	20	dearie	2b	eager
7	corset	1b	decide	2b	eagle
3b	couldn't	3a	deer	1a	earth
1a	country	8	dentist	1a	east
9	coupling	3a	despise	12	eater
1b	court	7	dessert	2b	eighteen
9	cowboy	2a	diamond	3b	eighty
9	cozy	11	diaper	5b	elastic
10	cranberry	5a	dictate	3a	electric
4a	crash	3a	didn't	4b	elevate
7	crate	2a	difficult	2b	eleven
13	crawfish	12	dike	5a	elf
2a	creature	3a	dim	3b	elm
2b	creep	4b	dime	5b	embroider
1b	cried	1b	direct	3a	encourage
18	crinkle	2b	disappear	4a	engineer

Table II - continued

1b	English	2b	flew	1b	gentle
1b	enjoy	4b	fling	1b	gentleman
10	eraser	5b	flint	3b	gently
4a	errand	2b	flock	2a	giant
1b	escape	2b	flood	14	giggle
10	eskimo	17	flowerpot	5b	ginger
2a	especial	14	fluffy	13	gizzard
8	evaporate	4a	fog	2a	glory
3a	everywhere	8	foggy	8	glossy
2a	exact	1a	follow	14	gobbler
1b	except	1b	following	1b	going
3a	excite	2a	fool	3b	goodly
5a	experiment	2b	foolish	15	gorilla
2a	explain	9	foolishness	10	gourd
1b	express	5b	football	8	grab
6	eyebrow	4a	forenoon	1b	grace
1b	fact	2b	forgot	2a	grand
3a	factory	2b	forgotten	14	grandchildren
5a	faculty	1b	forth	4a	grasshopper
2b	familiar	2a	fought	5b	grease
2a	fancy	1b	fourth	2a	greet
1b	farm	2b	frank	3b	grey
5a	farthest	1a	free	9	grindstone
10	faucet	2b	freeze	18	gristle
2a	fault	1a	fresh	12	grizzly
2b	favorite	2a	Friday	2b	grove
3b	feeble	2a	friendly	8	grub
2a	feeling	9	frisk	5a	grumble
1a	feet	16	fritter	1b	guard
4b	fern	2a	frost	6	guinea
11	ferret	7	froze	9	grill
6	fiddle	1b	fruit	10	gulp
2a	fierce	5a	fry	20	gunboat
4b	fig	16	fudge	6	gunpowder
5b	film	3a	funeral	6	gymnasium
2a	finally	12	furry	6	hack
7	fireman	2a	further	14	halibut
14	firework	4a	gallant	19	hallway
4b	fisherman	6	garage	4a	ham
15	fishhook	3a	gas	4b	handful
3b	fist	1b	gather	2b	handsome
6	flannel	1a	gave	7	handy
5a	flap	2a	gay	8	hardness
9	flea	13	gee	2a	harm
2a	flesh	2b	gem	3a	harness

Table II - continued

9	Harvard	1b	ill	1a	lead
1a	has	2a	imagine	2a	leader
2a	hate	1b	indeed	2a	lean
5a	haul	6	inspector	2a	leather
20	haystack	1b	instead	1b	lesson
2b	heap	1b	interest	2a	level
1b	heard	1b	island	1a	life
16	hearse	1a	its	6	lighthouse
1a	heart	5a	ivy	3a	likely
9	heater	18	jabber	10	lilac
6	hedgehog	10	jackal	2b	limb
4a	hem	5b	jail	2b	linen
2b	herd	8	jam	10	lobster
2b	hero	3a	jaw	12	locket
10	hickory	5b	Jesus	2a	lodge
2b	hid	16	jiffy	2b	log
18	highschool	14	jiminy	4b	lonely
17	hike	8	jingle	5a	lonesome
4a	hinder	10	jog	6	loosen
5b	hinge	4b	jolly	9	lounge
12	hippopotamus	1b	journey	1b	lower
8	hitch	1b	joy	2b	lumber
4a	hive	7	jug	6	luncheon
4b	ho	8	juicy	4b	lung
3b	hog	2a	July	15	lye
2a	hollow	17	jumper	6	ma
2a	honest	15	junket	16	ma'am
7	honesty	13	kangaroo	15	macaroon
18	honeybee	10	kindergarten	2a	machine
8	honeysuckle	3a	kitty	1a	made
12	hornet	4b	knew	10	magpie
19	horny	3a	knit	2a	main
9	horseshoe	10	knuckle	19	mallard
3a	hotel	8	laboratory	2b	manage
20	hough	2a	lad	18	mantlepiece
1a	hour	3a	ladder	4b	maple
2a	huge	1b	laid	5a	mar
12	hump	10	lambkin	1b	market
2b	hunter	1a	land	2b	married
4a	hurl	4b	lantern	1b	master
5a	hurrah	20	lassie	3b	mat
7	hustle	10	lathe	2a	material
17	hydrant	18	laundryman	17	matting
11	icicle	2b	lawn	7	mattress
2a	idea	2b	lazy	2a	meadow

Table II - continued

2b	meant	5a	nonsense	9	pendulum
5a	meddle	1b	noon	3a	perceive
6*	meeting	5a	normal	4b	permission
2a	melt	1b	notice	1a	person
1a	men	6	nowhere	6	photograph
15	meow	8	nuisance	2a	pie
5b	mess	1b	oak	4b	pigeon
1b	met	3a	oat	5a	pill
4a	mice	2a	obey	6	pilot
1a	mile	4a	observation	14	pimple
1b	mill	1a	often	2b	pine
4a	milller	10	oilcloth	9	pineapple
6	mince	17	omega	4a	pistol
3a	mist	18	omelet	15	pitchfork
6	misty	2b	operation	2a	pity
7	moccasin	17	opossum	7	plaid
2b	mock	2b	organ	1a	plain
8	molasses	10	oriole	1b	plan
5a	mole	4b	overcoat	5a	plaything
4b	monster	2b	owl	4b	plough
1a	month	4a	oyster	7	plug
10	moonshine	12	packer	3a	plum
10	moose	5a	pad	13	pocketbook
5b	moth	6	paddle	4a	poetry
4a	motor	10	pajamas	1a	point
9	mouldy	2b	pale	12	poker
12	mouthful	6	pancake	2a	pole
3a	movement	5a	pansy	3b	polite
7	mow	5a	parade	10	pollen
10	mucus	10	paraffin	3b	pool
6	muff	16	parasol	6	poppy
11	muffler	6	pare	9	porcupine
16	mumps	10	parsnip	10	porridge
6	muscle	6	partridge	4b	porter
14	mush	1b	party	2a	possess
8	musket	2b	patient	6*	possibly
10	mustache	7	patter	5b	postoffice
3a	naked	2b	pattern	1b	practice
1b	narrow	3b	paw	2b	preach
10	nasty	5a	peacock	5a	preacher
11	nearby	4b	peak	2a	president
4a	nigh	4b	peal	4a	presume
3b	ninety	11	pedal	11	prickly
6	nip	13	peek	8	primrose
12	nipple	5a	peel	1b	prince
2b	nod	2b	peep	2a	print

Table II - continued

2b	prison	6	rig	4b	scrap
2a	prisoner	5a	ripple	3a	scream
2b	prize	1b	rise	8	scuttle
4b	procession	7	roadside	2b	seal
2b	prompt	2a	roar	4b	seam
4b	protest	3a	robber	2a	search
1b	proud	3a	robe	13	seaweed
17	pshaw	16	rocker	1a	seen
10	puddle	5a	rogue	17	seesaw
3a	puff	5a	roller	1b	self
17	pullet	11	roost	1a	sent
2b	punish	6	rung	1a	serve
17	punk	3a	ruler	1b	settle
11	pup	14	runabout	4b	shady
9	purr	1b	safe	2a	shame
2b	purse	2b	safety	9	shark
11	putty	16	sailboat	2a	shed
3b	quart	2b	sailor	2a	shelter
1b	quarter	8	salamander	7	shelve
5a	quilt	10	salve	3b	shift
17	raccoon	14	sandman	8	shingle
12	racket	2b	sang	1a	ship
8	raft	4a	Santa Claus	7	shipwreck
2b	rail	4a	sap	2b	shock
3b	railway	4a	sash	20	shoo
7	raindrop	17	sassafras	1b	shore
4a	rainy	1b	sat	19	shortcake
5b	raisin	2a	satisfy	2a	shot
20	ramrod	2b	Saturday	1a	should
1b	ran	4a	sauce	1b	shoulder
2a	range	5b	sausage	1b	shout
5a	rap	5b	savage	6	sicken
5a	rascal	13	sawdust	4b	sift
13	rattlesnake	10	sawmill	2a	sigh
2b	really	12	scab	1a	sight
5a	reception	9	scabbard	1b	sign
7	redbreast	8	scald	4a	signal
3a	register	2a	scale	1b	silk
3b	rein	5b	scalp	7	sill
2a	represent	7	scamper	4a	silly
1b	require	11	scarecrow	1a	silver
3b	rescue	3b	scarlet	1b	simple
13	rhubarb	4b	scent	1a	since
3a	rib	5a	schoolroom	5a	sip
5b	riffle	5a	scour	11	siphon

Table II - continued

1b	sir	14	squirt	2a	sword
3b	sixteen	5a	slab	19	syringe
1b	size	2b	stable	6	syrup
14	skillet	6	stack	12	tabby
4b	skim	3a	stain	6	tack
5a	skull	11	stairway	6	tag
14	skunk	3b	stake	2b	tailor
6	slack	4b	stale	3a	tame
5a	sleigh	1a	state	8	tangle
3a	slept	6	statute	18	tapioca
4b	slice	3a	steady	4b	tar
18	slick	2a	steal	8	target
5b	sling	4b	steeple	1b	teach
4a	slippery	3b	steer	10	teat
19	sliver	2b	stiff	8	telescope
12	slop	18	stingy	1a	ten
6	smack	7	stink	6	tennis
9	smoker	6	stirrup	2a	tent
11	smokey	1b	stood	5b	thaw
4b	sneer	3a	stoop	1b	themselves
6	snare	5b	stork	5b	thermometer
7	snout	3a	stormy	4b	thistle
13	snowball	3a	stout	1a	though
6	snowy	15	straddle	1a	thousand
5b	sofa	6	straighten	6	thrush
4b	soften	1b	stream	13	thunderstorm
1a	soldier	10	stretcher	6	tilt
8	somehow	1b	strike	12	toboggan
13	somersault	2b	struck	1a	toddle
9	soot	11	stub	2b	toil
11	sop	3b	stuck	1b	told
2b	sow	3a	stump	13	tomahawk
1b	space	9	stunt	15	tonsil
3a	spéar	4b	stupid	10	topple
2a	special	10	subway	4b	tore
2b	spill	1b	sudden	3a	torn
16	spigot	15	suds	2b	toss
1b	spirit	17	sumac	6	tough
2a	sport	2a	Sunday	6	tow
9	spotless	3b	sunset	1b	towards
12	squaw	4a	surrender	1b	trade
5a	squeak	3b	swarm	3b	trail
13	squeal	2b	swell	4a	tramp
5a	squeeze	2a	swift	11	trash
13	squirm	11	swimmer	1b	travel

Table II - continued

2a	treasure	1a	war	2a	wound
2a	treat	3a	warrior	10	wrapper
6	triangle	11	wart	11	wriggle
2a	tried	12	washboard	5b	wring
12	trigger	9	washer	2a	written
2b	troop	20	washerwoman	4b	yawn
3b	trot	5a	wasn't	4a	yon
5a	trout	6	wasp	11	zest
5a	truck	18	waterspout		
3a	trumpet	3a	wax		
4a	tube	1b	weak		
9	tulip	1b	weather		
3a	turkey	3a	weave		
19	turnkey	3b	web		
16	turnover	2a	weep		
7	turpentine	1b	weight		
2a	twice	2a	welcome		
3a	twin	1b	west		
3b	twist	17	whack		
2b	ugly	1b	wheat		
5a	underground	2b	whenever		
7	underwear	1b	whether		
5a	undo	16	whippoorwill		
20	unicorn	3b	whirl		
2a	unless	7	whoop		
8	unload	1b	whose		
1a	upon	1a	wide		
2a	upper	5a	wig		
5a	upset	4b	wigwam		
10	upside	3b	willow		
1b	usual	4b	windmill		
12	vaccinate	6	windy		
9	vaccination	3b	wink		
6	valentine	17	witchhazel		
6	varnish	4a	woke		
13	vaseline	13	woodchuck		
12	veranda	2b	wooden		
2a	vessel	2a	wool		
5a	villain	4b	woolen		
4a	visitor	3b	worker		
8	vomit	2b	worn		
13	wad	2a	worse		
11	waddle	2b	worst		
6	wade	1b	worth		
4b	wag	4b	wouldn't		

Table III summarizes the words found in the vocabularies of ten three-year-old children. The words listed in the first group are those used by all ten children; in the second group are those used by nine children; in the third group are those used by eight children, etc. The number to the left of the word indicates the frequency as found by Thorndike (43).

Table III

A Summary of the Specific Words Found in the Vocabularies of Three-Year-Old Children. Words are Classified According to Those Found in Ten, Nine, Eight, etc. Vocabularies
N - 10

The words found in 10 vocabularies					
1a ask	1a any	1b dinner			
2b button	3b apron	3b dirt			
1b careful	1a arm	3b dirty			
4a comb	1a away	1a do			
2b excuse	1b baby	1b dog			
1b fish	1a back	1a down			
1a fly	1a bad	1a dress			
2b fork	1a ball	1a ear			
1a grow	4b banana	1a eat			
1a have	1b basket	1a egg			
1a he	3a bath	3b elbow			
2a lock	1a big	1a eye			
1a long	1a bird	1a far			
1a me	2b birthday	1b fat			
1a milk	6 biscuit	1a feel			
1a mother	1a blow	1a find			
1a old	1a blue	1b finger			
1b paint	1b bone	1a fire			
1a ride	2a bottle	1a first			
1a right	2a bowl	1a foot			
2a smell	1a bread	1a four			
2b string	1a bring	1a full			
1a that	3b broom	3a funny			
5a tickle	1a buy	1a get			
1a two	1a can	1a girl			
1a well	2a card	1a give			
1a white	1a carry	1b glass			
1a window	2a cat	1a go			
1a with	1b catch	1a good			
1a wood	1b chair	1a hair			
1a write	2a chicken	2b hammer			
	1b clean	1a hand			
	1b clock	1b hat			
	1b clothes	1a head			
	1b coat	1a hear			
	1a cold	1a here			
	1a come	1a him			
	4a cough	1a hold			
	1b count	1a home			
	1b cry	2b hook			
	1b cup	1a horse			
	1a cut				
<hr/>					
9 vocabularies					
1a after					
1a again					
1a all					
1a am					
1a and					

Table III - continued

1a	hot	1b	pick	1a	there
1a	house	1a	picture	1a	they
1b	hurry	2a	pig	1a	thing
1a	I	3a	pillow	1a	this
1b	ice	2a	pipe	2a	thread
1a	if	1a	place	1a	three
1a	in	2a	plate	2b	throat
2a	inside	1a	please	1a	through
1b	iron	2a	pocket	2b	tight
1a	is	2a	potato	1a	time
1a	it	1a	pretty	1b	tire
2a	jump	1b	pull	1a	to
1a	keep	2a	push	1a	today
1b	kiss	1a	put	1b	tongue
2a	knock	1a	rain	1a	too
1a	know	1a	rest	1a	town
2b	lace	1b	ring	2a	toy
5b	leaf	3a	rubber	1a	turn
1b	leg	1a	run	4b	umbrella
1a	let	1b	salt	1a	up
1a	light	1b	sand	1a	very
1a	like	2a	sew	1a	walk
1a	little	1b	shoe	1a	wall
1a	look	1a	sing	1a	want
1b	lose	1a	sister	1a	watch
1a	make	1a	sit	1a	water
1a	man	1a	sleep	1a	way
1b	meat	3b	slipper	1b	wear
1a	more	1b	snow	2a	wet
2a	nail	3a	soap	1a	what
1b	nice	1a	some	1b	wheel
1a	no	3a	soup	1a	which
1b	nose	2b	spoon	1a	will
1a	off	1a	stand	1a	wind
1b	oh	1a	stay	1a	you
1a	one	1a	step		
1a	on	1b	stick	<hr/> 8 vocabularies <hr/>	
1a	open	1a	stone	1b	afraid
1a	other	2b	sweep	1a	almost
1a	our	1a	table	1a	another
3a	oven	1b	tail	1a	apple
1a	over	1a	talk	1a	as
3a	pail	1b	tear	1a	bank
1a	paper	1a	thank	2a	barn
1a	people	1a	them	1a	because

Table III - continued

1a	bed	1b	else	1a	letter
1a	before	1a	end	1b	lie
1a	behind	1a	enough	1b	lift
2b	berry	1a	face	1b	lip
1b	beside	1a	fast	1b	listen
1a	better	2a	feather	1a	love
1b	bit	1b	feed	1a	low
2a	bite	1b	fix	3a	mamma
4b	blanket	1a	floor	1a	meet
2a	block	1a	flower	1a	might
1a	box	1a	for	1b	minute
1a	boy	2a	fun	1b	moon
1b	break	6	garter	1a	morning
1b	breakfast	2b	glove	1b	mouth
1b	brown	4a	grandma	2b	mud
2a	brush	1b	grass	1a	my
6	bump	1a	green	4b	naughty
1a	burn	1a	ground	1b	neck
1a	by	1b	guess	1a	need
1b	cake	2b	handkerchief	1a	not
1b	car	2a	handle	1a	now
1a	care	1b	hang	1a	of
1b	chain	1a	hard	3a	package
1a	change	1a	heavy	1b	page
2a	cheek	2a	heel	2b	pan
4a	chin	5b	hello	3b	pat
4a	chocolate	1a	help	2b	pencil
1a	church	1a	her	2b	penny
3a	clap	1a	high	5b	petticoat
3b	closet	1a	hill	4a	piano
7	cocoa	1a	his	2a	pie
2b	collar	2b	hit	1a	piece
1b	cook	1b	hurt	2a	pin
7	cooky	4a	jelly	1a	plant
3a	couch	1a	just	1a	play
1b	cow	2a	key	1a	quick
2a	cream	1a	kind	1b	quiet
4b	crumb	2a	kitchen	1b	quite
2a	curtain	1b	knee	1a	reach
1a	dark	2a	knife	1a	read
1a	dear	1b	lady	1a	room
2a	dish	2a	lamb	2b	rope
2b	doll	2b	lap	3a	rug
1a	drop	1a	last	1a	say
1b	dust	1a	leave	5a	scissors

Table III - continued

3a	scratch	2b	waist	1b	butter
1a	see	1a	wait	1a	call
1b	seed	1b	wash	2b	candle
2a	sheet	1a	we	2b	candy
2b	shirt	1a	when	1b	cap
1b	shut	1a	where	3a	cellar
1b	sick	2a	whistle	4a	choke
1a	side	1a	who	1b	Christmas
1b	skin	2b	wipe	2a	climb
3b	sleeve	1b	wonder	1b	cloth
7	sneeze	1a	would	1b	cloud
1a	so	1b	yes	1b	coal
2b	sore	1a	yet	2a	coffee
5b	spill	1a	your	1a	color
5a	squeeze			1b	cool
2b	stocking	<u>7 vocabularies</u>		1b	corner
3a	stove	1a	about	1a	could
4b	strap	1a	across	2b	crack
1b	sugar	1a	alone	6	cracker
2a	supper	1a	along	3b	crawl
1a	sure	1b	animal	2b	creep
2b	swing	3b	anybody	1a	cross
12	tablecloth	3b	ash	4a	crust
1a	take	2a	asleep	3a	cunning
1b	taste	1a	at	1b	dance
2b	teeth	2a	aunt	7	dandelion
1a	tell	2a	awake	3b	darling
1a	then	2b	awful	1a	day
6	thimble	2a	bake	2a	desk
1a	think	6	bang	2b	dig
4b	thirsty	2b	bean	1a	door
1b	throw	1a	been	4a	drawer
3b	thumb	1b	bell	1a	drink
1b	tie	2b	belt	2b	drum
4b	toast	4a	bicycle	2a	empty
3a	toe	1a	black	4a	envelope
1a	top	1b	boat	1b	everything
4b	towel	4a	bonnet	1a	fall
1a	train	1a	book	2a	fence
1a	tree	1a	both	1a	fill
2a	trunk	4a	bottle	2a	flag
1a	try	1b	bridge	2a	flour
3a	tumble	6	buckle	2b	forehead
1a	under	5a	bug	1a	front
1a	us	1a	but	2a	fur

Table III - continued

1a	garden	1a	near	1a	speak
1b	gate	7	necktie	1b	spot
1a	glad	1a	never	2a	stair
3b	goodbye	1a	new	2a	steam
4b	grandpa	1a	night	4a	stomach
2a	grape	12	nightgown	3b	strawberry
1a	great	2a	noise	1a	street
1a	half	2a	orange	1a	strong
2a	hay	1b	outside	2b	stuff
1b	hide	1a	own	1a	sun
1b	hole	7	peanut	2b	sunshine
5b	hug	1b	pen	1b	suppose
2a	hungry	1a	poor	1a	sweet
1b	hunt	12	postcard	2a	tea
3a	ink	5b	postoffice	1a	the
3a	jar	1a	present	1a	these
4a	juice	4b	pumpkin	2b	tiny
4b	kitty	11	raspberry	5a	tomato
2a	lamp	1a	ready	1b	touch
1a	laugh	1a	red	6	tray
2a	lean	1a	remember	4a	tub
1a	left	2b	ribbon	8	undress
4a	lemon	1a	rock	6	upstairs
1b	lion	1b	rose	1a	use
1b	lot	2b	rub	3a	violet
2a	lovely	3a	scare	2a	wagon
3b	lunch	1a	school	1a	warm
1a	many	1b	seat	1a	was
1a	mark	4b	shave	1a	went
1a	matter	1a	she	1a	wide
1a	may	2a	shell	2b	wire
1a	mean	1b	shine	1a	wish
2b	medicine	1a	should	1a	word
3a	mend	4b	shovel	1a	work
1a	mind	5b	sled	1b	yard
1a	mine	3b	sleepy	1b	yellow
3a	mirror	3a	slide	1b	yesterday
1a	miss	1b	slow		
1a	money	5b	sock		
1a	mountain	1a	soft		
1a	move	3a	somebody		
1b	music	1a	something		
1a	must	1a	sometime		
1b	myself	2a	sorry		
4b	nap	4b	sour		

6 vocabularies

1a	a
1b	afternoon
1a	air
1a	answer
1b	everything
4b	anywhere

Table III - continued

1a	are	2b	cure	4b	magazine
9	aren't	3b	cushion	2a	mail
1a	around	9	custard	2a	match
2b	automobile	9	cute	1b	middle
4a	bacon	9	daddy	16	milkman
1b	bag	3a	daisy	5a	mitten
1b	band	1a	die	2a	mix
2a	bare	1b	doctor	1a	most
2a	bark	1b	don't	6	muddy
3a	barrel	1b	dream	1a	name
1a	be	2b	duck	3b	napkin
1a	bear	4b	dusty	1b	nest
1a	beautiful	4a	elephant	2b	newspaper
1b	bee	2b	engine	1a	next
5b	beet	1a	ever	2a	nut
1a	believe	1a	every	7	oatmeal
1b	belong	1a	father	2a	o'clock
1b	blood	1a	few	1a	once
1b	board	1b	fit	1b	ought
9	bookcase	1a	five	1a	our
6	bouquet	2a	fold	6	outdoors
1a	brother	1a	friend	4a	oyster
1a	build	3b	furnace	1b	pain
3b	bureau	1b	game	3a	papa
2a	burst	1a	gold	1a	part
2a	bush	6	gravy	1b	path
1b	busy	1b	heat	3a	pea
3b	butterfly	1b	herself	3a	peach
20	buttonhole	1a	himself	3a	pear
3b	cage	4b	hoe	4a	pepper
3b	carpet	2a	honey	1b	perhaps
8	carrot	2a	horn	2a	pile
3a	cart	1a	how	4a	pinch
6	celery	3b	joke	2b	pink
5a*	certainly	3a	kettle	4a	pitcher
2a	chase	2b	kick	13	pocketbook
2b	cherry	1a	kill	2b	porch
6	chew	3b	knot	2a	pour
1a	child	1b	lake	3a	powder
1a	children	1a	lay	3b	pudding
2b	chimney	1a	learn	5a	quack
3b	cloudy	7	legging	2b	rabbit
3b	cork	4a	lid	3a	rag
1a	corn	4b	loaf	5b	raisin
1a	cover	1a	lost	4b	rake
2b	crow	1b	loud	3a	rice

Table III - continued

1a river	1b teach	4b cabbage
1a road	16 teakettle	4a calf
1a roll	1a than	4b camel
14 romper	1a those	2b can't
1b roof	2a tip	2a carriage
5b rooster	2a track	3b catalogue
1a round	4a trousers	6 caterpillar
1b row	20 unbutton	4b ceiling
4a sauce	1b uncle	1b cent
6 saucer	6 unlock	2b cheese
1b shade	6 vase	3a chop
2a shadow	2a wake	5a circus
1b shake	1b wave	1a city
1a shall	2a welcome	2b comfortable
1b sheep	1a while	1a company
5a screw	2b whip	2a cotton
1a send	8 whisker	13 crayon
1a set	2a whisper	4a cuff
1a short	18 whoa	11 diaper
1a show	1a why	1a did
4a sidewalk	1b wing	6 dimple
1a silver	2b worm	2a dollar
2a sink	6 wrist	7 downstairs
1b sky	1b wrong	1a draw
2a slip	1a year	1a drive
1b smoke		2b fan
2a smooth	<u>5 vocabularies</u>	1a field
1b song	3b ache	1b finish
1a sound	12 awfully	2a flat
5a spank	7 barefoot	1a food
4a spider	3b basin	1b forget
5b splash	9 bathroom	1a fresh
1b spread	3b bead	2b frighten
5a squeak	1a begin	3a frog
1b star	1a best	1a from
12 sticky	1a between	5b glue
1a still	1b bill	1b gone
1a stop	1b blind	2a goose
1b store	1a body	1b gray
1a story	2a boil	5b grease
1b straight	1b bow	1a had
1b suit	1b broken	8 hammock
1b surprise	3a bubble	1a happy
2a swallow	2b bud	2a hen
2a swim	1b building	5a hers

Table III - continued

3a	hop	2a	railroad	9	tumble
1a	hundred	3b	rattle	3a	turkey
4b	icy	2b	really	5b	typewriter
6	isn't	2b	roast	1b	understand
1a	late	5a	rotten	3a	university
2b	lazy	1a	said	5a	vinegar
1b	lesson	1a	same	1a	visit
2b	library	1a	saw	1b	weather
1a	line	2a	sharp	2b	weed
12	locket	4b	shelf	1a	whole
2a	machine	4a	silly	6	windy
2b	marble	1b	sir	1a	woman
1b	march	1b	smile	3b	yours
7	mash	13	snowball		
4a	maybe	1b	soil		
1a	measure	3b	somewhere		
2a	mistake	1a	soon		
4a	monkey	3a	sparrow		
2a	mouse	7	spool		
12	mouthful	3a	sting		
1a	much	13	squeal		
3b*	nearly	3a	squirrel		
1b	office	2a	stamp		
2a	oil	1b	station		
2a	pack	1a	such		
5a	pantry	3b	sunny		
3a	parlor	12	suspender		
1b	party	6	sweater		
1a	pass	6	sweetheart		
1a	pay	6	tack		
16	peppermint	3a	telephone		
4a	pet	2a	tender		
19	pincushion	2a	terrible		
2a	plenty	1a	their		
1a	point	1b	thick		
8	poke	1a	though		
12	poker	1a	thought		
1b	post	2b	thunder		
1b	pound	3a	ticket		
3b	prick	4b	tiger		
10	puddle	1a	together		
3a	pump	5b	toilet		
5b	puppy	1b	tomorrow		
2b	purple	2b	trick		
5a	quilt	1b	trouble		

4 vocabularies

1b	act
1a	against
2a	ah
1a	always
4a	ankle
2b	ashamed
8	balloon
3a	bathe
4a	bedroom
3b	beef
2a	bend
2a	bitter
7	blackberry
4a	bleed
5a	bracelet
2a	breast
2a	brick
2b	broke
8	broth
3a	bunch
13	bunny
3b	buzz
1a	came
2a	caught
4b	chalk
2a	chamber
2b	chest
5b	cigar
10	cinnamon
1a	clear

Table III - continued

9	corset	3b	gum	5a	peel
2b	couple	4b	handful	4b	picnic
2a	cousin	1b	happen	1a	plain
3b	cradle	2a	hardly	1b	pleasant
10	cranberry	1a	has	3a	plum
6	crib	5a	hatchet	2b	pond
6	darn	6	headache	3a	pony
1b	daughter	1b	heard	2a	pot
1a	dead	3b	hood	1b	press
7	dessert	5a	horrid	5b	punch
3a	didn't	4a	horseback	2b	purse
1b	different	4b	hose	3b	pussy
3a	ditch	1a	into	3b	queer
5a	dolly	1a	it's	10	radish
4a	donkey	8	jam	5a	rap
1b	double	7	jug	3a	raw
6	dough	8	juicy	1b	real
2b	drag	2b	kid	1a	reason
11	dressmaker	3a	kitten	9	refrigerator
1b	dry	4a	lard	3a	register
1a	each	2b	lawn	2b	ripe
1b	easy	5a	lemonade	2a	rough
2b	eleven	6	lettuce	2b	sack
2b	everybody	1a	live	1a	sail
1b	expect	4b	lump	7	sandal
1b	fell	15	macaroni	5b	sandwich
4b	fig	2a	mad	2b	Saturday
1b	fight	3b	mat	4a	screen
1a	fine	2a	meal	5a	scrub
6	fireplace	5b	mess	1b	sell
2a	folk	6	mister	1b	seven
2a	fool	16	mop	4a	sharpen
5b	football	8	mosquito	7	shawl
2b	forgot	1b	Mrs.	12	shiny
2b	freeze	6	muff	5a	shove
2a	Friday	14	mush	4b	sift
7	fried	10	nasty	1a	since
9	garbage	1a	nothing	3b	skate
3a	gas	1b	ocean	1b	skin
2a	goat	1a	often	7	slam
1a	got	4a	onion	9	smash
8	grab	1a	only	3a	snap
3a	gracious	5a	pansy	1a	soldier
3a	grandfather	1b	past	3a	spin
2b	grandmother	2b	pattern	4b	spit
6	grocery	13	peek	7	splinter

Table III - continued

3b	sprinkle	13	bathrobe	5b	daytime
1a	start	1b	beauty	1a	deep
3a	stem	16	beefsteak	3a	deer
1a	spring	2a	beg	5b	depot
2a	stir	6	billy	7	dictionary
4a	stool	6	bet	6	dipper
1b	storm	4a	Bible	6	dizzy
1a	summer	5a	blackbird	1a	does
2a	Sunday	1b	bless	1a	done
20	sunshiny	12	bloomers	3a	dove
6	syrup	10	bluebird	8	dump
18	tapioca	6	boiler	10	duster
6	tassel	12	bonfire	2b	eagle
1b	teacher	3a	borrow	1a	early
1a	ten	1b	bottom	1b	edge
2b	tonight	7	bounce	1b	eight
2b	tooth	2b	brass	5b	elastic
9	toothpick	2a	breath	3a	electric
2b	tower	2a	bought	7	elevator
2b	Tuesday	5b	buffet	5b	embroider
5b	tunnel	6	buggy	1b	enjoy
1b	twelve	3b	bundle	4a	errand
7	untie	3a	bushel	1b	evening
13	vaseline	9	buttercup	3a	everywhere
3a	velvet	3b	cane	6	eyebrow
3a	vest	3a	cape	2b	fairy
12	washboard	11	carnation	2a	farther
10	wheelbarrow	1b	chance	10	faucet
3b	wink	2a	check	1b	fellow
1a	winter	3a	chill	4b	fern
2a	wolf	8	chilly	6	fiddle
6	woodpecker	2b	China	2a	fifteen
2a	yourself	6	cocoanut	2a	flame
<u>3 vocabularies</u>		5a	conductor	1a	follow
1a	above	1a	country	2b	fond
1b	ago	8	crank	1a	found
3b	ahead	4a	creek	2b	fountain
10	album	7	crochet	1b	fruit
1a	an	4b	crooked	7	fuss
4a	ant	13	croquet	1a	gave
2a	apart	7	cuddle	10	gelatine
2b	ate	5a	cupboard	6	gobble
2b	ax	3b	damp	17	gocart
11	baa	2b	dangerous	1b	going
6*	backwards	1b	dare	12	graham
		3b	daylight	18	grapefruit

Table III - continued

13	greasy	1b	none	1b	shop
2b	grind	2a	nurse	1b	shoulder
8	grunt	2a	obey	1b	single
1b	hall	3a	olive	1a	six
8	hamper	2b	organ	6	slap
2a	harm	4b	overcoat	4b	slice
19	hash	2b	owl	4a	slippery
1a	heart	3a	package	6	smack
1b	heaven	16	parasol	1a	small
1a	hope	2b	pardon	3a	smart
3a	hospital	6	pare	5b	soak
1a	hour	5b	paste	6	soda
5a	hurrah	5a	peg	5b	sofa
3a	hush	5b	pickle	9	soot
1b	inch	2a	pole	11	sap
1b	indeed	5b	policeman	10	spatter
1b	Indian	7	postman	6	speck
2a	invite	2b	preach	11	spinach
2a	itself	2a	print	2a	spoil
5a	jacket	4b	prune	1b	square
14	keyhole	3a	puff	8	squash
12	kimono	1b	race	2a	steal
10	kindergarten	12	racket	6	steamboat
10	knuckle	18	railing	2b	steep
8	laboratory	2b	rat	4b	steeple
1b	laid	6	razor	1b	stood
1a	large	11	rinse	3a	stoop
10	lathe	1b	rise	2a	straw
8	laundryman	2a	roar	1b	strike
1a	lead	3a	robe	1b	study
4a	lick	2b	robin	4b	suck
2b	log	5a	rogue	3b	swan
5a	lonesome	5a	roller	5b	switch
1a	made	5b	salad	1b	tall
1b	market	1b	sat	5a	tan
2b	meant	1a	save	8	tangle
2a	melt	10	scallop	11	teapot
1a	men	3b	schoolhouse	6	tennis
13	meow	3b	scold	3b	Thanksgiving
3b	mischievous	4b	scrap	1b	themselves
2a	Monday	3a	scrape	5b	thermometer
9	muffin	1a	seem	3a	thirteen
10	mustache	17	seesaw	2b	Thursday
1b	nine	4b	shady	3b	tick
6	noisy	1a	ship	3a	tin

Table III - continued

1b	told	2	vocabularies	8	brooch
1a	took	1b	able	4a	bucket
3a	torn	1b	age	10	budge
10	trill	7	alcohol	6	buffalo
2a	trim	2b	alike	1b	built
3b	trot	7	alligator	7	bun
4b	tuck	1b	already	18	burro
9	tulip	1a	among	9	bus
4b	turtle	2a	angel	3a	butcher
1b	twenty	2a	angry	5b	bye
3b	twist	3b	anyone	8	camera
3b	underneath	4b	anyway	7	candlestick
7	underwear	9	apricot	3b	careless
5a	undo	2b	arrange	3a	carpenter
8	undoubted	2b	arrow	8	cereal
1b	unusual	8	asparagus	10	chess
3b	veil	3b	astonish	3b	chestnut
3a	verse	2b	attention	10	chiffonier
2b	vine	5a	auto	4b	chip
5a	wasn't	2b	avenue	1b	choose
1b	waste	4a	baker	20	chunk
13	watermelon	8	bandage	1b	circle
3a	wax	11	banjo	1b	class
2b	weary	2a	bar	5a	claw
2b	Wednesday	5a	barber	1a	close
3a	wee	7	batter	4b	clover
1a	week	5a	beak	7	clown
2a	weigh	1b	beat	3a	colt
1a	were	13	beater	5b	comforter
1b	wheat	8	bedtime	1b	coming
2b	whenever	5a	beer	3b	cord
3b	wither	5b	beetle	3b	couldn't
1a	without	1b	began	5a	counter
2b	won't	4a	behave	1a	course
4b	woolen	2a	below	9	cozy
2b	worn	2a	blossom	1b	cried
4b	wouldn't	20	blotter	1b	crowd
2b	wrap	13	boo	11	curly
5b	wring	2b	boot	12	dad
2b	wrote	4b	bowel	9	dandy
4b	yawn	4b	braid	1b	deal
4a	yell	2a	breathe	1a	death
1a	young	1b	bright	4a	delicious

Table III - continued

8	dentist	8	golf	2b	manage
2b	dew	10	gooseberry	13	marmalade
2a	diamond	2a	grand	7	mattress
1b	difference	4a	greedy	17	mayonnaise
3a	disturb	4b	grip	2a	meadow
3b	doesn't	2a	gun	6*	meeting
11	doughnut	6	gymnasium	2a	merry
2a	dozen	3a	ha	4a	mew
4b	drank	3b	hark	4a	mice
4a	draught	6	hasn't	1b	mill
2b	dreadful	3a	heal	7	moccasin
4a	drip	4a	healthy	8	molasses
4a	driver	3a	hedge	11	motorcycle
3b	dug	1b	held	14	motorman
1a	east	11	hey	7	mow
2b	eighteen	4a	hip	6	mug
1b	either	4b	ho	4a	mule
5b	embroidery	2a	hollow	1b	narrow
4a	engineer	3a	hotel	13	nasturtium
2a	exact	3a	howl	17	navel
1b	exercise	2a	hung	3a	neat
2a	explain	1b	husband	1b	neither
3a	factory	3a	insect	6	niece
1b	farm	6	itch	4a	nineteen
1b	farmer	5b	jail	1b	noon
1a	feet	5a	Japanese	1b	note
2b	fetch	8	jingle	1b	notice
2a	fifty	4b	jolly	8	nuisance
3b	fist	15	junket	1a	number
1b	forth	1a	king	1b	oak
1b	forward	4a	kneel	4b	oar
2a	fox	3a	knit	10	oilcloth
2a	frame	7	knob	18	omelet
2a	friendly	1a	land	1a	or
4b	fringe	6	leak	6	ostrich
2a	frost	3a	lend	3a	ourselves
2b	frozen	3a	lightning	9	overalls
5a	fry	3a	lily	10	overshoe
19	fuzzy	14	limber	2a	ox(en)
3b	gallop	2b	linen	6	paddle
8	garret	1b	load	1b	pair
5b	gasoline	2a	loose	2b	pale
1b	gentle	9	lounge	6	pancake
1b	gentleman	16	ma'am	3a	pant
15	giraffe	19	mallard	5a	parade

Table III - continued

3a	parcel	6	salmon	4a	strike
2a	park	4a	Santa Claus	11	stub
5b	parrot	4a	sash	2b	student
3a	patch	4a	scarf	3a	stump
4b	pavement	2a	scatter	9	stunt
3b	paw	4a	scholar	4b	striped
2b	peep	5b	scorch	13	suitcase
2a	pity	3a	scream	4b	sunlight
5b	plaster	1a	sea	8	supporter
4a	platform	2a	search	2b	swell
5a	plaything	1a	second	2b	team
7	plug	1a	seen	6	tease
3a	poem	1b	self	6	teaspoon
3b	polite	1a	sent	2a	tent
1a	person	5a	sermon	1b	thin
4b	pigeon	1a	serve	2a	thirty
5a	pill	4b	seventeen	1a	till
2b	pine	2a	shame	5a	toad
9	pineapple	4a	shear	3a	tobacco
5b	pop	7	shelve	5a	tongs
6	poppy	20	shoo	6	tough
1b	practice	1b	shout	2a	treasure
2a	prayer	2b	shower	2a	treat
2b	precious	6	sieve	1b	trip
3b	pretend	18	sifter	5b	trolley
1b	prince	5a	sip	5b*	truly
2b	probable	3b	sixteen	3a	trumpet
1b	promise	19	sliver	4a	tube
1b	queen	6	snail	5b	turnip
1b	question	6	snare	17	tweet
2b	quit	6	snowy	3a	twin
3a	rack	4b	snug	2b	ugly
4b	ragged	1a	son	17	unbuckle
2b	rail	3b	spade	1a	until
3b	rainbow	1b	spend	10	uphill
7	raindrop	5a	sponge	1a	upon
4a	rainy	3a	stain	6	valentine
1a	raise	8	starch	12	vanilla
1b	ran	7	stew	2a	vessel
13	rhubarb	2b	stiff	5a	violin
1a	rich	3a	stormy	4a	visitor
3a	robber	6	straighten	1a	voice
1b	rush	11	strainer	6	wade
1b	safe	19	streetcar	6	wasp
16	sailboat	2a	stretch	3a	wherever

Table III - continued

1b	whether	5b	attic	3b	brake
7	whine	9	backbone	6	bramble
1b	whose	7	baggage	1b	branch
1b	wife	18	banister	1b	brook
2a	wine	14	bareheaded	15	broomstick
1b	wise	6	baseball	20	brother-in-law
17	witchhazel	3b	bat	10	buck
1b	wonderful	8	bawl	6	buckwheat
2a	wool	2b	beach	4b	bugle
1a	world	2b	beard	3a	bull
3b	worry	1b	beast	17	bulldog
2b	worst	7*	beating	8	bully
3a	wreath	1a	become	14	bum
3a	wreck	13	bedspread	10	bumper
14	wringer	3a	beggar	14	burnt
5b	yarn	5b*	beginning	7	burrow
7	yeast	2b	begun	1b	business
13	zebra	3b	beloved	5a	bust
7	zinc	2b	bench	6	cab
		2b	bent	4b	cabinet
		9	berth	10	caller
<u>1 vocabulary</u>		4b	besides	17*	calling
3a	accident	4b	beware	2b	calm
5b	acorn	7	biology	2a	camp
6*	actually	4b	birch	9	camphor
2a	afterwards	4b	bishop	3b	cannon
2a	agree	10	blackness	1b	cannot
6	ail	2b	blaze	4b	canoe
12	ain't	6	bleach	1b	captain
17	airship	2b	blessing	7	carol
5a	alley	6	blister	19	cascara
1a	also	3b	bloody	1a	case
10	aluminum	7	blouse	13	casserole
1b	American	12	blueberry	2a	cast
4a	amuse	18	bobbin	4b	cathedral
5b	annoy	10	bobolink	12	cauliflower
2b	anxious	200	bobwhite	6	caution
6	anyhow	13	boost	2b	cave
6	ape	10	borax	6	caw
5a	apiece	2a	border	4a	cement
3b	appetite	1b	born	1b	center
2b	arch	2a	bought	7	chap
1b	arrive	3b	bower	8	charcoal
2b	assure	3a	brain	2a	charm
8	astray				

Table III - continued

2b	cheap	8*	crowded	2b	drain
7	checkers	1b	crown	6	dresser
2a	cheer	5a	crumble	18	dribble
6	cheery	5a	cube	4a	dried
3b	chick	4b	cuckoo	18	driveway
5a	chirp	8	cucumber	16	dromedary
12	chopper	3b	curve	2a	drown
10	christen	5b	cylinder	17	duet
19	chubby	13	da	3a	dumb
11	chum	9	daffodil	3a	Dutch
12	churn	3b	dairy	4a	dye
6	cistern	4a	dam	11	dynamo
3a	clasp	14	damper	2a	earn
5a	cling	2a	darkness	2b	easily
4b	clip	19	darner	3b	eighty
2b	cloak	1b	date	7	electricity
4b	cluck	11	daub	5a	elf
3a	coarse	3b	deaf	3b	elm
1b	coast	20	deary	1b	English
19	coaster	2a	December	11	envelope
2a	cock	1b	decide	1a	even
2a	college	2a	declare	4a	expensive
9	collision	6	decorate	4a	extra
4a	colored	5a	decoration	18	eyelash
3a	column	8	definition	6	eyelid
3b	combination	1b	delight	5a	faculty
2a	comfort	13	dent	1a	fair
19	commode	3a	department	7*	fairly
2b	compass	1b	desire	1a	family
4a	concert	2b	devil	2a	fancy
13	confection	13	diarrhoea	1a	fear
3b	confusion	3a	dim	2a	feast
17	cooker			2b	fed
18	coop	4b	dime	2a	feeling
7	core	9	dingy	1b	felt
13	cornet	3a	dip	1b	figure
1b	cost	3b	disappoint	12	firefly
2b	cottage	3b	dismiss	7	fireman
1b	court	4b	dive	1b	firm
14	courthouse	12	doff	5a	flake
12	creeper	9	domino	2a	flash
17	cribbage	7	doorway	4b	fleece
5a	croak	15	dormouse	5a	flit
11	crock	7	dose	12	flop
15	crochet	2b	dot	17	flowerpot

Table III - continued

18	foal	4a	grate	7	imaginary
2b	foolish	2a	greet	2a	imagine
10	footstool	7	greyhound	5a	impatient
13	forearm	17	grimy	2b	improve
4a	forenoon	4b	grin	6	indoors
2b	forgotten	12	grinder	4a	industrious
3b	fortunate	3a	groan	3b	infant
2a	forty	4a	grocer	13	injection
1a	free	2b	grove	15	inky
3a	freight	5a	growl	1b	instead
12	freshman	10	guitar	4b	institution
2b	fright	10	gulp	3a	instrument
5a	frock	13	gurgle	2a	intend
5a	frosty	5b	gutter	5a	interval
3b	frown	6	hack	1b	island
7	froze	12	hadn't	5a	ivy
20	fuchsia	13	Hallowe'en	3a	jaw
16	fudge	4a	halt	7	jerk
2b	furniture	3a	harness	5b	Jesus
12	furry	4a	harp	4b	jewelry
2a	further	18	hassock	7	jig
10	garter	5a	hatch	14	jiminy
1b	gather	5a	haul	1b	join
2a	gay	8	hawthorn	3a	joint
4b	geese	13	headlight	1b	journey
2b	gem	2b	heap	1b	joy
6*	generally	9	heater	5a	joyous
3a	generous	2b	hid	1b	judge
3b	gently	4b	hidden	2b	judgment
4b	geography	5b	hinge	17	jumper
8	geranium	12	hippopotamus	2a	June
1b	gift	8	hitch	13	kangaroo
14	giggle	4b	holder	1b	kept
6	gingham	2b	holliday	6	kerosene
3a	globe	6	holly	17	kingfisher
2b	glorious	16	hollyhock	2a	knight
2a	glory	2a	honest	11	kodak
1a	God	3a	hoof	3a	ladder
6	godmother	20	hough	10	ladle
1b	golden	4b	hound	10	lambkin
19	goldfish	2a	huge	3a	lame
13	gong	3b	hum	4b	lantern
3a	goodness	4a	hymn	3a	lark
13	granddaughter	20*	icy	2a	leap
4a	grasp	1b	ill	2a	leather

Table III - continued

10	lens	18	mistaken	1b	offer
2a	less	4a	moist	6	ointment
2a	level	6	moisten	3a	ordinary
4a	lighten	5a	mole	10	orifice
10	lilac	1b	moment	3a	ornament
5a	lining	14	monogram	3a	ours
1b	list	1a	month	10	overboard
6	lit	4b	moonlight	4b	overheat
10	lobster	10	moose	2a	owe
5b	locomotive	5b	moth	2a	paid
1b	Lord	20	motorcar	3b	painter
2b	lover	3a	movement	3a	palm
1b	lower	1b	Mr.	17	paprika
4a	lucky	13	mum	6	paragraph
8	lullaby	10	munch	2a	parent
2a	lying	6	muscle	2b	partly
6	ma	7	mustard	6	partridge
3b	madam	5b	mutton	3a	passenger
3a	magic	3a	naked	2b	pasture
2a	maid	1b	natural	2b	patient
2b	maiden	1b	necessary	7	patter
2a	main	6	necklace	4b	pave
10	mallet	20	needn't	10	pawn
17	mammy	1b	neighbor	2b	pearl
18	mandolin	3a	neighborhood	18	pease
5a	mane	4b	nervous	5a	pebble
18	mantlepiece	8	nettle	13	pecan
3b	mantle	6	nibble	3b	peck
5a	mar	7	nick	11	pedal
2b	married	4b	nickle	8	pelt
2a	marry	11	nickname	3a	perceive
1b	master	13	nightcap	1b	perfect
6	mathematics	5b	nimble	2b	perform
17	matting	18	ninepins	5a	performance
10	measles	3b	ninety	13	peroxide
5a	meddle	6	nip	11	perspiration
6	melon	12	nipple	14	perspire
2a	mention	2b	nod	14	pimple
1b	met	5a	nonsense	10	pheasant
4a	meter	1b	nor	9	phonograph
1a	mile	6	nursery	6	photograph
6	mint	9	nutmeg	8	physic
7	mischievous	2a	observe	9	piazzo
4a	miserable	15	octave	11	pincers

Table III - continued

4a	pint	6	radiator	18	sauerkraut
3a	pitch	5a	rascal	5b	sausage
3a	plague	4b	reader	13	sawdust
5b	player	7	redbreast	12	scab
9	playful	5a	reflection	8	scald
12	playhouse	5a	refresh	2a	scale
4b	playmate	3b	rein	7	scamper
1b	pleasure	5b	reindeer	3b	scarlet
4b	plough	4a	remind	4b	scent
10	plumb	2a	remove	4a	scheme
5a	plump	2a	repeat	7	schoolboy
3b	polish	8	reservoir	20	scone
10	pollen	1b	return	5a	scour
3b	pool	7	rheumatism	20	scrapbook
4a	pork	8	rhinoceros	10	scum
10	porridge	13	rickets	2a	secret
1b	possible	3a	rid	3b	secretary
8	poster	5b	rim	2a	sense
11	posy	11	rime	8	sergeant
2a	praise	3b	rip	11	serum
2a	pray	4a	rocky	1b	settle
5a	preacher	2a	rod	7	sewer
2a	prefer	1a	road	9	shabby
7*	presently	10	romp	7	shaggy
2a	preserve	2a	root	9	sham
1b	price	4a	rosy	16	shampoo
18	prickle	7	rubbish	17*	shaving
11	prickly	6	rung	2a	shed
3a	princess	5a	ruffle	2b	shepherd
2b	prison	3a	ruler	7	shew
3a	professor	11	rumple	3a	shield
1b	proud	5a	runner	3b	shiver
9	prowl	5b	rusty	4a	shoemaker
17	pshaw	13	rut	2b	shook
11	psychology	2b	saddle	2a	shoot
12	pug	2b	safety	1b	shore
2b	punish	2b	sailor	19	shortcake
11	pup	10	salve	14	shrimp
1a	purpose	4a	sample	8	shuffle
9	purr	18	sandpaper	4b	shy
6	puss	3b	sandy	3a	sickness
6	quail	2b	sang	9	sideboard
2b	quarrel	13	satchel	18	sidewise
5a	quarry	4b	satin	1a	sight
3b	quart	2a	satisfy	1b	simple

Table III - continued

2b	sin	8	staid	14	taxicab
5a	sinner	11	staircase	20	teal
10	sirup	11	stairway	8	telescope
14	skillet	4b	stale	5a*	theirs
13	skinny	4a	stalk	4a	thigh
5a	skull	3a	starve	1a	third
14	skunk	1a	state	4b	thistle
17	slat	8	steadily	3a	thorn
5a	slate	3a	steady	1a	thousand
2a	slave	5b	steak	2b	throne
5a	sleigh	3b	steer	11	throttle
12	slop	17	stencil	6	thrush
8	smear	7	stimulate	5a	thump
3b	snake	7	stink	13	thunderstorm
10	sniff	6	stirrup	10	tidy
10	snip	4a	stitch	1a	tinfoil
6	snore	17	stopper	20	toaster
9	snowflake	3a	stout	12	toboggan
5a	sob	15	straddle	2b	toil
1b	sold	3a	strain	2b	tool
2b	sole	2a	strip	11	toot
3a	solid	6	stroll	4b	tore
18	solo	14	strop	2b	toss
8	somehow	2b	struck	1b	towards
3b	someone	3b	stuck	4a	tramp
13	somersault	4b	stumble	11	trash
15	sorrel	10	subway	5a	tremendous
1b	sort	1b	sudden	2a	tried
1a	south	15	suds	6	trough
2b	sow	13	sunburn	1a	true
5b	speckle	3b	sunset	4b	tug
2b	spell	6	swam	3a	tune
12	spilt	3b	swarm	16	turnover
13	splint	4a	sweat	7	turpentine
3b	split	8	sweeper	2a	twice
1b	spoke	3b	swept	3b	twig
2a	sport	6	tag	13	typewriting
7	spout	2b	tailor	5b	uncomfortable
3b	spray	4a	talent	5a	uncover
10	spruce	3a	tap	19	underclothes
12	spurt	6	tape	6	uneven
9	squall	4b	tar	16	unfasten
10	squat	6	tart	2b	unhappy
16	squeezer	2a	taught	5b	unkind
13	squirm	12	taxi	18	unlace

Table III - continued

2a	unless	14	woolly
10	unsuitable	20	wormy
2a	upper	2a	worse
5a	upset	3a	worship
12	vaccinate	1b	worth
9	vaccination	10	wrapper
1b	valley	5a	wren
6	varnish	11	wriggle
2b	vegetable	4a	wrinkle
3a	vein	3b	yoke
12	veranda	3a	yonder
3a	vex	20	zoo
1b	village		
7	vocabulary		
3a	volume		
19	wabble		
20	waffle		
4b	wag		
4a	wail		
9	waistcoat		
4b	waken		
18	wallflower		
2a	wander		
5a	waterfall		
19	waterwork		
1b	weak		
9	weasel		
3a	weave		
1b	weight		
1b	west		
3b	whirl		
9	whiskey		
4a	whoever		
1b	whom		
7	whoop		
11	wicket		
1b	wild		
2b	willing		
1b	win		
4b	windmill		
3a	witch		
1b	within		
17	wobble		
2b	wooden		

The vocabularies of nine two-year old children are summarized in Table IV. The words listed in the first group are those used by all nine of the children; in the second group are those used by eight children; in the third group are those used by seven children, etc. The number to the left of the word indicates the frequency as found by Thorndike (43).

Table IV - continued

3a funny	1a stand	4a comb
1a girl	1a stay	1a cover
1a give	1b sugar	1a dear
1b grass	1a sun	1a drink
2a handle	1a table	2b duck
1a hard	12 tablecloth	1b cup
1a hear	1a take	1a enough
1a help	1a talk	1b fix
1a here	1b tear	1a fly
1a house	2b teeth	1a for
1a I	1a that	2b fork
2a kitchen	1a there	2b glove
4b kitty	1a thing	2b handkerchief
1b lady	1b tire (verb)	1a heavy
1b leg	1a to	1a hold
1a light	1b tongue	1a home
1a like	1a too	3a ink
3a mama	1a tree	1b iron
1a money	4a tub	4a jelly
1a more	1a wait	2a jump
2a mouse	1a want	2a key
3b napkin	1a window	2a knife
1b neck	1b yes	2b lap
1a new		1b lift
2a orange	<u>6 vocabularies</u>	10 measles
1a out	1a about	1b meat
2b pencil	1a after	1b minute
5b petticoat	1a arm	1a mother
2a pig	1b baby	1a my
2a pin	1b basket	1a name
1a play	1a better	7 necktie
1a read	1a black	1a night
1a red	1a blue	1a not
2b ribbon	2a bottle	1b oh
1a rock	1a box	1a other
1a roll	1a burn	2b pan
3a rubber	1b butter	3a papa
1a side	1b cake	3b pat
1a sing	1b careful	1b pick
1b salt	1a carry	1a picture
3a scratch	2a cheek	2a pie
3b slipper	2a chicken	2a pocket
2a smell	4a chin	1a poor
3a soap	1b clothes	2a pour
1a soon	1a cold	2b rabbit

Table IV - continued

1a	right	5	vocabularies	1a	has
2b	rub	1a	a	2a	hen
1a	run	1a	again	1a	her
6	saucer	1a	another	1a	high
1a	say	1a	around	4b	holder
1a	school	2a	aunt	2b	kick
2a	sew	4b	banana	2a	knock
2b	shirt	1b	bell	1a	know
1b	sick	1b	beside	1a	laugh
2a	skirt	7	bib	1b	lip
1a	sleep	1b	bit	1a	love
1b	smoke	1b	boat	1a	me
7	sneeze	1a	both	2b	medicine
1a	so	1b	breakfast	1b	moon
1a	some	1a	bring	1a	move
1a	something	1a	build	1a	much
2a	sorry	6	bump	1a	must
5b	spell	1b	busy	1a	need
3a	stove	1a	by	1a	old
2b	string	1a	can	1a	own
1b	study	2b	candy	3a	pail
2a	supper	1b	cap	3a	parlor
1b	tail	3b	carpet	4a	piano
1a	think	3a	cart	1a	piece
1a	this	2a	cat	3b	pudding
1a	three	1b	catch	1a	ready
5a	tickle	6	chew	1a	rest
2b	tight	1a	church	3a	rice
4b	toast	1b	coat	1a	room
3a	toe	1a	corn	3a	rug
9	toothpick	4a	cough	5a	scissors
1a	town	4b	crumb	1b	shake
1a	turn	1b	dance	4b	shave
1a	very	11	diaper	1b	sheep
1a	warm	1b	don't	1b	skin
1a	watch	1b	dust	3b	sleepy
1a	well	2a	empty	2b	sore
1a	went	1b	fat	5a	spank
1b	wheel	1a	father	1a	step
1a	where	1b	fish	1a	still
2a	whistle	6	garter	1a	stop
1a	white	3b	goodbye	1a	story
1a	wind	2a	goose	4b	strap
1a	with	1b	guess	2a	stretch
1a	write	1b	hang	1a	sweet

Table IV - continued

1a	through	2a	cream	4a	pitcher
1a	time	9	daddy	8	poke
4b	towel	3b	darling	2b	porch
6	thimble	1a	day	3a	pump
1a	train	3b	dirt	2b	purse
1a	try	1a	find	5a	quilt
1a	under	1a	fine	4b	rake
1a	wall	2a	flag	2b	rat
1a	way	2a	fun	1a	remember
1a	when	1a	garden	1a	round
1a	work	1b	gate	7	shawl
1b	yellow	4a	grandma	1a	she
1a	yet	4b	grandpa	1b	shoulder
		1b	gone	1a	show
		8	hammock	1a	sister
<u>4 vocabularies</u>		1a	have	1b	sky
1b	afternoon	1a	he	5b	sled
1a	am	1a	head	3b	sleeve
1a	any	5b	hug	3a	somebody
1a	ask	2a	hungry	7	spool
1a	at	1b	hurry	5a	squeeze
1b	bag	4a	juice	2a	stair
1a	bank	1a	just	1b	stick
2a	bark	1a	keep	1a	stone
2a	barn	1a	last	4a	stool
2b	belt	1a	leave	1a	sure
4b	blanket	4a	lemon	2b	sweep
1a	blow	1b	lie	2b	swing
1b	bone	1a	long	6	tack
9	bookcase	1b	lose	2a	tea
3b	broom	1b	lot	1a	thank
6	buggy	2a	machine	1b	touch
1a	call	2a	mail	1a	then
2b	can't	2a	match	1a	these
2a	card	2b	mud	2a	thread
1a	children	6	muff	2a	trunk
2a	climb	2a	nail	6	upstairs
3b	closet	4b	nap	1a	what
1b	coal	2a	noise	1a	will
2a	coffee	1b	paint	1a	wood
2b	collar	3a	pea	1a	word
1b	cook	3a	peach		
7	cooky	2b	penny		
1b	cool	4a	pinch	<u>3 vocabularies</u>	
1b	corner			1b	afraid

Table IV - continued

1a	along	1a	far	1a	mind
1a	are	2a	feather	1a	miss
3b	ash	1a	feel	5a	mitten
2a	awake	1a	feet	4a	monkey
4a	bacon	1b	fell	3a	neat
8	balloon	1b	fellow	1b	nest
1a	be	2a	fence	1a	next
3b	bead	2a	fold	12	nightgown
1a	bear	2a	folk	1b	none
1a	beautiful	2b	forehead	2a	nut
1a	behind	1a	found	7	oatmeal
2b	birthday	2b	freeze	1a	once
4a	bonnet	3a	frog	1a	only
2a	bowl	1a	from	6	outdoor(s)
5a	bracelet	1a	front	1b	pain
1b	bridge	1a	full	2a	park
2b	broke	2a	fur	1b	party
1b	broken	2a	grape	1b	pen
8	broth	1a	gave	1a	people
2b	brow	1a	great	4a	pepper
1a	buy	1a	green	1b	perhaps
4b	cabbage	1a	ground	4b	pigeon
2a	carriage	5b	gum	2a	pipe
4b	ceiling	1b	hall	1a	place
3a	cellar	2b	hammer	13	pocketbook
4a	chocolate	2a	heel	1b	pound
1a	close	1b	herself	5a	powder
3a	couch	1b	hide	4b	prune
1b	count	1a	him	5b	puppy
6	cracker	2b	hook	3b	rattle
3b	cradle	3a	hop	1a	reach
1a	cross	3a	hush	1a	road
4a	cuff	1b	ice	2b	robin
2a	curtain	2b	lace	5b	rooster
6	darn	1a	lay	2b	rope
1b	daughter	5a	lemonade	1b	sand
2a	desk	5b	leaf	4a	sash
1a	did	3a	lily	1a	saw
6	dimple	9	lounge	2a	shadow
3a	dip	1a	many	2a	sharp
2a	dollar	4a	maybe	2a	sheet
5a	dolly	3a	mend	2a	shell
7	downstairs	16	milkman	3a	slide
2b	fan	1b	mill	1a	soft

Table IV - continued

3a	soup	2	vocabularies	2b	cheese
4b	sour	1b	act	2b	cherry
4b	spit	2a	ah	3a	clap
1b	spot	1a	an	2b	cloak
1b	star	2b	awful	1b	cloud
12	sticky	2a	bake	7	clown
4a	stomach	6	bang	1a	color
1a	street	5a	barber	2b	crack
4b	suck	2a	bare	10	cranberry
2b	sunshine	3a	barrel	2b	crow
6	sweater	2b	bean	4a	crust
11	teapot	2b	beard	5a	cupboard
1a	the	4a	bedroom	2b	curl
1a	they	1b	bee	3b	cushion
1a	those	1a	before	9	custard
2b	throat	1b	belong	9	cute
3b	thumb	2b	bench	7	dandelion
2b	thunder	2b	berry	1b	doctor
2a	tip	1a	best	1a	deep
1a	today	6	biscuit	2b	dig
1b	tomorrow	1b	bless	9	domino
1a	top	1b	blind	4a	donkey
3a	torn	10	bonny	6	dresser
4a	trousers	13	boo	4b	dusty
4b	tuck	1b	bottom	1a	each
3a	tumble	1b	bow	1b	eight
3a	tune	1b	brown	3b	elbow
4b	umbrella	4a	bucket	1b	else
3b	veil	5a	bug	1a	end
3a	vest	2a	bush	2b	engine
2a	wagon	3b	butterfly	1a	every
3b	waist	20	buttonhole	1b	everything
2a	wake	5b	bye	6	eyebrow
12	washboard	4a	calf	1a	fast
1b	wave	1a	came	1a	first
1b	wear	4b	camel	1a	five
2a	welcome	3b	cane	2b	flew
1a	while	3a	cape	2a	flour
2b	whip	1b	car	1a	four
8	whisker	1a	care	1a	fresh
1b	wing	5a	certainly	2b	frighten
1a	woman	1b	chain	3b	gallop
10	wrapper	2a	chamber	1b	game
1b	wrong	1a	change	3a	gas

Table IV - continued

2a	goat	9	lookout	2a	pole
17	gocart	15	macaroni	3a	pony
1b	going	2a	map	7	postman
1a	got	1b	market	3b	puck
2b	gown	7	mash	3b	pussy
6	gravy	3b	mat	5a	quack
13	greasy	1a	may	1b	queen
4a	grocer	2a	meal	1a	quick
1a	happy	1a	mean	1b	quiet
2a	hardly	1a	meet	2b	quit
8	hardness	4a	mew	1b	quite
19	hash	4a	mice	12	racket
2a	hay	1a	mine	3a	rag
11	haycock	3a	mirror	4a	rainy
5b	hello	1a	morning	6	razor
1a	hill	1b	Mrs.	1b	rise
4a	hip	9	muffin	3a	robe
1a	his	11	muffler	14	romper
2b	hit	1b	music	1b	roof
4b	hoe	1a	near	2b	sack
3b	hood	3b	nearly	1a	said
1a	how	1a	never	4a	scarf
5a	hurrah	1b	nine	13	satchel
1a	if	1a	nothing	3b	schoolhouse
1b	Indian	1a	number	4b	scrap
6	isn't	1b	0	5a	screw
6	itch	2a	o'clock	5a	scrub
5a	jacket	1a	or	1b	seat
8	jam	1a	our	1a	sum
3a	jaw	1b	outside	1b	sell
3b	joke	3a	oven	1a	set
7	jug	10	overshoe	1b	seven
12	kimono	3a	package	4a	sharpen
1a	kind	10	pajamas	1b	shine
4a	kneel	6	pancake	1a	ship
2a	lamb	3a	pant	1b	shop
3a	lame	16	parasol	4b	shovel
2a	lamp	10	parsnip	4a	silly
1a	large	1a	part	2a	sink
5b	laundry	3a	patch	1a	six
18	laundryman	13	peek	1a	small
1a	lead	5a	peel	3a	snake
1a	learn	5a	pill	1a	sometime
1a	left	1a	plant	3b	spade
4a	lid	2a	plenty	1a	speak

Table IV - continued

6	speck	5b	acorn	9	bathroom
5a	sponge	1a	across	8	bawl
1a	spring	2b	action	5a	beak
3b	sprinkle	1a	against	1a	because
5a	squeak	12	aha	8	bedtime
3a	squirrel	3b	ahead	3b	beef
2a	stamp	6	ail	16	beefsteak
2a	stir	12	aint	1a	been
1b	song	1a	air	2a	beg
1b	store	2b	alike	3a	beggar
2a	straw	5b	alley	4a	behave
1a	summer	7	alligator	1a	believe
1b	suppose	1a	almost	6	belly
3b	swan	1a	alone	2a	bend
6	syrup	1a	always	6	bet
1b	taste	2a	angel	4a	bicycle
16	teakettle	1b	animal	1b	bill
1a	ten	1a	answer	11	bender
1a	them	3b	anybody	6	birdie
1a	till	1b	anything	4a	bleed
2b	tiny	4b	anyway	1b	blood
5a	toad	4b	anywhere	20	blotter
1a	together	2a	apart	11	blubber
2b	tooth	6	ape	18	bobbin
4b	tore	3b	appetite	12	bonfire
1b	uncle	9	aren't	2b	boot
1b	understand	2b	arrow	2b	bosom
1a	us	1a	as	6	boss
6	vase	2b	ashamed	2a	bought
1a	we	2a	asleep	7	bounce
3a	wee	5b	attic	4b	braid
18	whoa	2b	automobile	3b	brake
1a	whole	5a	attic	6	breeches
6	windy	3b	awhile	3a	breeze
1a	wish	2b	ax	2a	brick
1b	wonder	11	baa	7	bristle
2b	won't	4a	babe	1a	brother
1a	would	6*	backwards	5b	brownie
2b	wrap	4a	baker	3a	bubble
6	wrist	1b	band	2b	bud
3a	yonder	18	banister	3a	bull
4b	you're	7	barefoot	7	bun
2a	yourself	4a	barley	13	bunny
		11	barrow	3a	bushel
		3b	basin	1b	business
		3a	bathe	7	bustle
		13	bathrobe	1a	but
<hr/>					
1	vocabulary				
3a	accident				
3b	ache				

Table IV - continued

3a	butcher	3b	crawl	19	fatty
15	buttermilk	2b	creep	6	feeder
3b	buzz	6	crib	2b	fetch
3b	cage	7	crochet	11	fie
7	candlestick	9	crook	1b	fight
8	carrot	4b	crooked	3a	file
2a	castle	1b	crown	1a	fill
3b	catalog	3a	cunning	6	fireplace
2a	caught	12	dad	3b	fist
6	cautious	3a	daisy	1b	fit
2b	cave	3b	dame	6	flannel
1b	cent	7	dancer	18	flapper
8	cereal	9	dandy	2a	flat
4b	chalk	19	darner	19	flip
2a	charm	3a	deer	2b	fond
2b	chest	5b	depot	1b	forget
3b	chick	7	dice	1b	forth
1a	child	7	dictionary	2a	fox
2b	chimney	3a	didn't	1a	friend
4b	chip	6	dipper	1b	fruit
18	chipmunk	1b	direct	12	furry
4a	choke	6	dizzy	2a	further
1b	Christmas	1a	does	9	garbage
10	cigarette	3b	doesn't	4b	geese
5a	claw	1a	done	1b	gentle
1a	clear	13	dope	1b	gentleman
4a	clever	7	dose	4b	geography
4b	clip	6	dough	2b	ghost
1b	cloth	11	doughnut	2a	giant
2a	cock	4a	draught	15	giraffe
7	cocoa	1a	draw	1a	glad
2a	college	1a	drive	6	gobble
3a	colt	2b	drum	1a	gold
3b	combination	4b	drunk	1b	golden
2a	comfort	1a	early	3a	goodness
1b	coming	1b	easy	12	graham
19	commode	1b	edge	2a	grand
7	coo	13	eh	3a	grandfather
18	coop	1b	either	1b	gray
3b	cord	5b	elastic	2b	grind
5b	cork	4a	elephant	8	grunt
7	corset	4a	envelope	2a	gun
4a	cot	2b	everybody	3a	ha
2a	cotton	2b	excuse	1a	had
16	counterpane	1b	farm	2b	hail
1a	country	1b	farmer	1a	half

Table IV - continued

6	halloo	3a	lave	10	moose
4a	ham	2b	lawn	10	mop
6	hasn't	2a	lean	8	mosquito
5a	haul	4b	lecture	3b	moss
4a	healthy	7	legging	1a	most
1b	heard	1b	lesson	1a	mountain
1a	heart	6	let's	12	mouthful
2b	hero	6	lettuce	15	movie
6	he's	2b	library	7	mow
4b	hew	4a	lick	6	muddy
2b	hid	10	lilac	4a	mule
1a	himself	20	limewater	10	mustache
5b	hinge	1a	line	1b	myself
12	hippopotamus	1b	lion	3a	naked
8	hitch	1b	listen	10	nasty
4b	ho	4b	liver	17	navel
3b	hog	9	lizard	6	necklace
2a	holy	2a	lock	4b	nickle
14	hominy	2a	loose	6	niece
13	hone	2b	lover	16	nightshirt
2a	honey	1a	low	12	nipple
3a	hoof	6	ma	2b	nobody
2a	horn	16	ma'am	5a	nonsense
9	horseshoe	1a	made	1b	noon
4b	hose	15	magnesia	1b	note
3a	hospital	17	mammy	12	notebook
3b	hum	3b	mantle	11	nozzle
15	humbug	18	mantlepiece	8	nuisance
1b	hunt	1a	mark	6	nursery
2a	inside	1b	master	2a	oil
4b	it's	1a	matter	4a	onion
13	jog	7	mattress	2b	organ
17	jumper	1a	measure	4b	overcoat
3a	kettle	5a	meddle	2b	owl
2b	kid	1a	men	2a	ox(en)
1a	kill	2b	mercy	4a	oyster
1a	king	5b	mess	6	pa
4b	kite	1b	middle	6	paddle
3a	kitten	1a	might	1b	page
3a	knit	3b	mischief	1b	pair
10	knuckle	2a	mix	5a	pansy
3a	ladder	7	moccasin	10	panther
5a	lash	8	molasses	3b	parcel
1a	late	5a	mole	5b	parrot
15	lather	1b	moment	1a	pass

Table IV - continued

2b	pasture	5b	punch	20	shoo
3b	paw	6	puss	2a	shoot
3a	pear	3b	quart	1a	short
3b	peck	9	quill	19	shortcake
7	peddler	1b	race	1a	should
2b	peep	6	radiator	4b	shy
16	peppermint	10	radish	6	sickle
4a	perfume	2a	railroad	9	sideboard
4a	pet	3b	rainbow	4a	sidewalk
5a	phone	7	raindrop	12	since
9	piazza	5a	rascal	5a	sip
5b	pickle	1b	real	1b	sir
4b	picnic	2b	really	3b	skip
2a	pile	3a	register	5a	skull
14	pimple	1b	require	7	slam
15	pinafore	3a	rib	6	slap
9	pineapple	11	rinse	2a	slip
2b	pink	1a	river	4a	slippery
5b	plaster	5a	rogue	1b	slow
3a	plow	1b	row	6	smack
7	plug	2a	ruin	3a	smart
10	plumb	7	rump	9	smash
3a	poem	1b	rush	2a	smooth
2a	port	1b	sad	10	sniff
12	poker	2b	sake	9	snipe
13	pooh	6	salmon	13	snowflake
10	porridge	4a	sap	6	snowy
1b	post	5b	sausage	5b	sock
12	postcard	1a	save	5b	sofa
11	posy	4b	scar	3b	someone
2a	pot	3a	scare	3b	somewhere
2a	prayer	20	scone	1a	son
2b	precious	3a	scrape	1b	sort
1a	present	4a	screen	1a	sound
2a	preserve	1a	sea	3b	spark
1b	press	1b	seed	3a	sparrow
9	primer	1b	self	10	spatter
2b	prize	1a	send	2b	spell
12	proboscis	2a	shame	3a	spin
6	prop	17*	shaving	11	spinach
17	pshaw	4b	shelf	5b	splash
10	puddle	2b	shepherd	7	splinter
12	pug	10	she's	3b	split
4b	pumpkin	5b	shiver	2a	spoil

Table IV - continued

1b	spread	5a	there's	4b	waken
1a	start	5b	thermometer	1a	war
2a	steam	4b	thirsty	1a	was
6	steamboat	2a	threw	1b	waste
2a	steel	3b	tick	13	watermelon
4b	steeple	3a	ticket	2a	weigh
3a	sting	3a	'tis	3b	we'll
4a	stitch	3a	tobacco	11	we're
17	stopper	1b	told	20	what's
1b	straight	5a	tomato	2b	whenever
6	straighten	2b	toss	9	whew
11	strainer	18	tot	1a	which
3b	strawberry	11	trash	1a	why
19	streetcar	6	tray	1b	wife
1b	strike	2a	treat	2a	wine
1a	strong	2a	trim	3b	wink
14	strop	1b	trip	2b	wire
3b	stuck	3a	trot	3a	witch
3a	stump	9	tumbler	17	witchhazel
1a	such	3a	turkey	1a	without
13	suitcase	5b	turnip	2a	wolf
3b	sunny	4b	turtle	13	woodchuck
3b	sunrise	13	tut	6	woodpecker
3b	sunset	3a	twin	2a	wool
8	supporter	3b	twinkle	14	woolly
1b	surprise	3b	ugly	1a	world
12	suspender	20	unbutton	2b	worm
2a	swallow	19	underclothes	4b	wouldn't
6	sweetheart	5a	undo	3a	underneath
6	tag	8	undress	5a	wrench
2a	tale	16	unfasten	11	wriggle
1b	tall	3a	uniform	3b	yarn
3a	tame	6	unlock	4b	yawn
5a	tan	1a	until	1a	year
6	tart	1a	upon	1b	yesterday
6	tassel	5a	upset	4a	yon
1b	teach	1a	use	1a	young
6	tease	2a	useful	3b	yours
2b	temple	16	valise	13	zebra
3a	tend	13	vaseline		
6	tennis	3a	verse		
2a	terrible	2a	vessel		
13	that's	1b	village		
1a	their	1a	visit		
1b	themselves	4b	wag		

Table V summarizes the vocabularies of four one-and-a-half-year-old children. The words listed in the first group are those used by all the children; in the second group are those used by three children; in the third group are those used by two children; and in the fourth group are those used by only one of the children. The number to the left of the word indicates the frequency as found by Thorndike (43).

Table V

A Summary of the Specific Words Found in the Vocabularies of One-and-a-half-Year-Old Children. Words are Classified According to Those Found in Four, Three, Two, and One Vocabularies. N = 4

The words found in 4 vocabularies	3b	goodbye	1a	down
1a bed	1b	hat	1a	dress
1a book	1a	horse	1a	eat
2b button	1a	hot	1a	egg
1b chair	4a	juice	1b	finger
1a ear	4b	kitty	1a	foot
1a eye	1b	lady	2b	glove
1a go	3a	mama	2b	handkerchief
1a good	1a	man	1a	head
1a hair	1a	milk	2a	hen
1a hand	1b	mouth	2a	key
1a light	1a	please	1b	kiss
1a no	1a	pretty	2a	knife
1b nose	2b	spoon	1b	meat
1a paper	1b	stick	1b	moon
2a pin	2b	teeth	1a	more
2a pocket	1a	water	1b	nice
1b shoe			1a	open
	2	vocabularies	2a	orange
3 vocabularies	1a	all	1a	out
1a apple	1b	baa	3a	pail
1b baby	1b	bag	1b	pick
3a bath	1a	ball	1a	ride
7 bib	1a	bird	1b	ring
1b boat	1a	black	1b	sky
2a bottle	2a	block	2b	stocking
1a boy	1a	box	1b	tail
4a chin	1a	bread	1a	thank
1b coal	2a	brush	1a	there
1b coat	1b	butter	3b	tick
4a comb	1b	car	3a	toe
1a come	2a	caught		
1b cow	2a	chicken	1	vocabulary
1b cup	1b	clock	3b	apron
3b dirty	1a	cold	1a	away
1b dog	6	cracker	1a	back
1a door	9	daddy	18	bah
1a flower	1b	diaper	2a	bake
1b gone	2a	dish	2a	bar
	1a	do	2a	barn
	2b	doll	3a	barrel

Table V - continued

1b	bee	1a	gave	1a	picture
1b	bell	17	gocart	1a	piece
2b	belt	2a	goose	3a	pillow
1a	big	1a	got	2a	pipe
13	boo	1b	grass	2a	pity
8	broom	1a	green	1a	play
1b	bow	3a	ha	12	poker
2a	bowl	1a	he	1a	poor
1b	break	5b	hello	2b	porch
3b	broom	1a	here	2a	potato
2b	brow	4b	ho	3a	powder
6	buggy	1a	hold	3b	prick
6	bump	4b	holder	5b	puppy
1b	cap	1a	home	5a	quilt
2a	card	1a	house	2a	roar
1b	careful	3b	hum	1a	rock
2a	carriage	2a	hungry	5b	rooster
3a	cart	1b	hurt	1b	salt
2b	cave	1a	I	1a	school
6	caw	1a	it	5a	scissors
3a	cellar	3a	jar	1a	see
2a	cheek	1a	keep	1b	sheep
6	chew	2b	kick	2b	shirt
3a	clap	1b	knee	4b	shovel
1a	change	2a	knock	2a	sheet
2b	collar	5b	leaf	1a	sing
1b	cook	2b	medicine	3b	sleepy
1a	cover	13	meow	5a	sleigh
2b	crow	1b	mill	19	sliver
1b	cry	1b	minute	1b	snow
4b	cuckoo	5a	mitten	3a	soap
3a	cunning	1a	mother	7	spool
1a	dear	6	muff	1b	spot
2b	dig	4a	mule	5a	squeeze
1b	dinner	1b	neck	3a	stale
1a	drink	1a	off	1a	stone
2b	duck	1b	oh	3a	stove
1a	fall	1a	on	2b	string
2a	feather	3a	papa	1a	sun
1a	fire	3b	pat	2a	supper
1a	floor	3a	peach	8	supporter
2b	forehead	2b	peep	1a	sweet
3a	frog	1b	pen	1a	table
3a	funny	2b	pencil	1b	tear
3b	gallop	5a	phone	5b	thermometer

Table V - continued

1b	throw
1b	tie
1b	tire (verb)
4b	toast
1b	tongue
1a	train
1a	tree
4a	trousers
17	tweet
1a	two
4b	umbrella
1a	up
6	upstairs
2a	wagon
1a	walk
1a	wall
1a	want
1b	wash
1a	watch
3a	wee
18	whoa
1a	wood
1b	yellow
1b	yes
1a	you

The vocabularies of five one-year-old children are summarized in Table VI. The words listed in the first group are those used by three of the children; in the second group are those used by two of the children; in the third group are those used by one of the children. The number to the left of the word indicates the frequency as found by Thorndike (43).

Table VI

A Summary of the Specific Words Found in the Vocabularies of One-Year-Old Children. Words are Classified According to Those Found in Three, Two, and One Vocabularies. N = 5

The words
found in 3
vocabularies

1b baby
9 daddy
1a down
3a mamma

2 vocabularies

13 boo
4b kitty
1a man

1 vocabulary

1a ball
2a bottle
1a burn
1a dear
11 diaper
16 daw
1b dog
1a door
1a fall
1a go
3b goodbye
4a grandma
5b hello
1a I
1a now
1a no
3a papa
1a see
1a stop
1a up
1a water

There are a number of words found in the vocabularies studied which are not listed in "The Teacher's Word Book" (43). Some of them are slang words (e.g. ouch, golly); some of them are commonly known trade names (e.g. castoria, jello); some of them are shortened words (e.g. nighty, hanky); some are childish words (e.g. horsie, kiddie) some are contractions (e.g. mustn't, haven't) and others come in a frequency beyond 20,000. These words are listed in Table VII.

Table VII

Words Not Found in Thorndike's List Which Were Found
in the Preschool Vocabularies Included in This Study.

	No. of voc's.		No. of voc's.		No. of voc's.
<u>1 year</u>		sacque	1	grackles	1
chow	1	scat	1	gigot	1
		scoot	1	golosh	1
<u>1½ years</u>		shaw	1	goop	1
choo	1	skeeter	1	grown	1
howdy	1	shouldn't	1	gosh	1
honk	1	specs	1	golly	1
moo	1	tatting	1		
piggy	1	tootsie	1	grammy	1
tummy	1	whopper	1	halloa	1
		wheatlet	1	hubby	2
		whackie	1	hanger	1
<u>2 years</u>		wiggle	1	hanky	1
afghan	1	unpin	1	holler	1
aw	1			hiccough	5
bile	1	<u>3 years</u>		harmonica	1
choo	1	achoo	2	hoodlum	1
comfy	1	afghan	1	horsie	2
cockatoo	1	brakeman	2	haven't	2
dumpling	1	bing	1	holler	1
educator	1	cantaloupe	1	holey	1
(a cracker)		choo	1	joggle	1
froggie	1	co-op	1	jounce	1
howdy	1	castoria	1	jello	1
honk	1	cluck	1	kiddie	1
holler	1	chow	1	kindling	1
hiccough	4	chickadee	1	kewpies	2
haven't	1	caboose	1	licorice	1
knickers	1	canthrox	1	mustn't	1
kindling	1	camphorated	1	moo	4
moo	2	cello	1	mongoose	1
mustn't	2	cuticura	1	meow	1
meddlesome	1	darky	1	muss	4
muss	1	droppings	1	nigger	1
nighty	4	drainer	1	nighty	3
noggins	1	enema	3	noodles	1
ouch	2	eskimo	1	ouch	6
occipital	1	frosting	1	oughtn't	2
ow	1	fondling	1	osteopathy	1

Table VII - continued

	No. of voc's.		No. of voc's.		No. of voc's.
ow	2	unhook	2	jab	1
Phenolax	1	unwound	1	kindling	1
panties	3	unwind	1	kinda	1
prehensile	1	wow	1	knickers	1
prickers	1	wiggle	2	lasso	1
paddy	1			misses	1
postum	1	4 years		moo	2
rookery	1	aquarium	1	mentholatum	1
swatter	1	anymore	1	meow	1
saleratus	1	aw	2	mightn't	1
scalawag	1	baluster	1	muss	1
scamp	2	brakeman	1	noodles	1
scrumptious	1	bluing	1	nigger	2
shouldn't	3	bluets	1	nighty	1
shucks	1	buried	1	ouch	3
skidoo	2	cantaloupe	1	ow	1
someway	1	castoria	2	pheno	1
splatter	1	cocker	1	polyanthus	1
spoonful	3	coreopsis	1	pailing	1
skeeter	1	chewink	1	phospho	1
sandless	1	chickadee	1	piggy	1
scoot	1	doggie	2	raveling	1
suppository	1	dinky	2	spoonful	1
sacque	1	duckling	1	sniffling	1
sizzle	1	darky	1	spandy	1
snuggle	3	dumpling	1	skeeter	2
saltines	1	enema	1	snort	1
stopple	1	fractions	1	sandless	1
succotash	1	fizzy	1	snuggle	1
typewriter	1	flyer	1	soapy	1
tote	1	gardener	1	tummy	1
tummy	1	grackle	2	terrapin	1
tabby	1	holler	1	teeny	1
tam	1	hubby	1	trills	1
teetery	1	holey	1	unwound	1
typewritering	1	hanky	1	unroll	1
tousle	1	hiccough	3	victrola	1
underskirt	2	horsie	2	weenie	2
unpin	1			whopper	1
untangle	1	haven't	1	wiggle	2
usen't	1	inset	1	zipping	1
unbreakable	1	juice	2		

A large number of compound words was found in the vocabularies of the preschool children studied. Since Thorndike (43) did not include compound words in his list for frequency these words are listed separately in Table VIII.

Table VIII

Compound Words Found in the Preschool Vocabularies
Included in This Study.

1 year	No. of voc's.		No. of voc's.
bye-bye	3	corn flakes	1
see there	1	cream of wheat	1
thank you	1	cake walk	1
		carpet sweeper	1
<u>1½ years</u>		carving knife	1
bye-bye	1	center table	1
bath tub	1	coffee cake	1
cream of wheat	1	come in	1
cock-a doodle do	1	chatter box	1
choo-choo	1	crumb cloth	1
goodnight	1	clothes pin	2
grand daddy	1	clothes line	1
how do	1	coal man	1
union suit	1	corn flour	1
		coffee pot	2
<u>2 years</u>		cream pitcher	1
all right	2	clothes horse	1
at all	1	clear up	1
alarm clock	1	coat hanger	1
all gone	1	cat bird	1
apple man	1	corn bread	1
ash man	1	checker board	1
apple sauce	2	coal bucket	1
butter plate	1	corn cob	1
button hook	1	dancy boy	1
bow-wow	2	dress up	1
breakfast food	1	ding dong	1
bye-bye	1	dining room	4
back door	1	drawing room	1
back yard	1	dicky bird	1
back and forth	1	dish pan	1
box knocking	1	doll carriage	1
button shoe	1	dried beef	1
bed cover	1	dish cloth	1
bath tub	2	doll buggy	1
baby carriage	1	dish pan	3
balloon man	1	egg spoon	1
bicycle cap	1	eye shade	1
butter man	1	Easter bonnet	1
button bag	1	frying pan	2

Table VIII - continued

	No. of voc's.		No. of voc's.
fountain pen	2	letter man	1
finger nail	5	loaf sugar	1
flag staff	1	looking glass	1
French toast	1	letter box	1
French twist	1	light shade	1
fried cake	1	love bite	1
good morning	1	malted milk	1
grocery man	1	milk bottle	1
garbage man	1	morning paper	1
golden pheasant	1	motor car	1
good evening	1	milk can	1
grape nuts	1	milk girl	1
grass clippers	1	mercy sakes	1
great grandma	1	main street	1
griddle cake	1	mickey me	1
garden wall	1	napkin ring	1
good night	4	night dress	1
going to	1	no sir	1
gong gong	1	next door	1
glass case	1	of course	2
humpty dumpty	1	peek-a-boo	3
grand daddy	1	picture book	1
hair pin	5	pillow case	1
high chair	4	pat-a-cake	1
half past	1	pie man	1
handle bars	1	pine tree	1
how-de-do	2	peep eye	1
half circle pillow	1	postage stamp	1
hush-a-bye	1	pop corn	2
ice box	1	puppy dog	1
inch tape	1	pumpkin coon	1
ironing board	1	pussy willow	1
ice cream	2	pear soap	1
ice man	2	pea pod	1
ink bottle	1	rattle box	2
ice wagon	1	rocking bed	1
jumping jack	1	right hand	1
jello book	1	right way	1
kitty cat	1	rock-a-bye	1
lead pencil	2	rocking chair	6
lady fingers	1	rolling pin	1
lawn mower	1	rabbit bonnet	1

Table VIII - continued

	No. of voc's.		No. of voc's.
right away	1	wash bowl	1
roasting pan	1	wood box	2
right off	1	water proof	1
rubber band	1	waste basket	1
safety pin	1	window sill	1
sailor boy	1	window shade	1
screen door	1	wash stand	1
sea lion	1	whooping cough	1
shirt waist	1		
sitting room	3	<u>3 years</u>	
smoking jacket	1	alarm clock	1
soldier boy	1	all right	3
sprinkling man	1	acorn cup	1
sprinkling wagon	1	after while	2
shaving soap	1	angel food	1
shop lady	1	arpeggio	1
sewing table	1	arrow root	1
shower bath	1	Adam's apple	1
stove pipe	1	animal cracker	2
song book	1	ash pit	1
Sunday school	1	apple sauce	5
soap stick	1	at once	1
summer day	1	at first	1
summer house	1	a bit	1
sponge cake	1	baggage car	1
sweet potato	1	bath gown	1
shoe buttoner	1	bean pot	1
thank you	2	bay window	1
tick tock	2	bitter sweet	1
toy box	1	butter nut	1
tea cozy	1	butter plate	1
tennis racket	1	bread crumbs	1
tooth brush	1	blue jay	1
tin cup	1	button hook	6
toilet room	1	bye and bye	3
typewriter	1	baked beans	2
union suit	1	baker man	2
wash tub	1	bath towel	1
water tag	1	bean bag	1
window screen	1	bed cover	1
whisk broom	1	beer bottle	1
wash rag	2	bow wow	3

Table VIII - continued

	No. of voc's.		No. of voc's.
bread basket	1	corn cob	1
bread board	1	corn starch	2
bread can	1	corset cover	3
breakfast	2	cat tails	1
butcher knife	2	crochet needle	1
breast pin	1	crumb cloth	1
baking powder	1	chafing dish	1
barber shop	1	check book	1
basket ball	1	Christmas tree	3
bass drum	1	coffee pot	4
beauty spot	1	cod liver oil	1
bed bug	1	chicken feed	1
belly button	1	chicken house	1
biscuit cutter	1	clothes bag	1
blue bottle fly	1	clothes basket	3
blind man's buff	1	clothes brush	1
bold face	1	clothes stick	1
box car	1	coal shovel	1
back side	1	cock-a-doodle-do	2
bed clothes	1	corn meal	2
belly band	1	cream pitcher	1
basting thread	1	cribbage board	1
bathing suit	1	crochet hook	1
boarding house	1	cuff button	4
broken out	1	choo choo	2
bugle call	1	canvas back	1
bye lo land	1	carpet sweeper	1
button up	1	castor oil	1
bath tub	4	cat bird	1
blue jay	1	cellar door	1
clothes line	9	clam chowder	1
clothes pin	7	coal oil	1
coal bucket	2	cow catcher	1
cold cream	3	coal pail	1
corn bread	2	chocolate blanc	1
corn flakes	5	mange	
cream of wheat	2	cup custard	1
chewing gum	1	common pin	1
card case	1	curb stone	1
coal bin	1	dark glasses	1
cold air box	1	door bell	1
cook book	3	drum man	1

Table VIII - continued

	No. of voc's.		No. of voc's.
dust rag	1	fly killer	1
ding dong	2	free land	1
dust pan	2	fie fie shame	1
dining room	7	finger nail	7
dental dope	1	flower bed	1
door knob	3	fruit knife	1
drug store	1	first rate	1
dining car	3	fish balls	1
dish pan	3	fish food	1
deck chair	1	feather bed	1
darning ball	1	front door	1
dirt wagon	1	frying pan	1
dish mop	1	get up	2
double quick	1	good morning	3
double time march	1	grocery man	2
drawing room	1	grocery store	1
draw team	1	garbage man	1
drum stick	2	grape juice	1
drum major	1	grape vine	1
dump wagon	1	good night	10
dressing gown	1	gramophone	1
dish cloth	1	garbage can	1
dish towel	1	gate keeper	1
deaf and dumb	1	ginger snap	1
doll buggy	1	grass seed	1
down hill	2	gyroscope	1
dust cloth	1	golf ball	2
egg beater	3	golf links	1
electric light	2	green peppers	1
eye winker	2	graham gems	1
embroidery bag	1	grape nuts	1
eye wink	3	hair comb	1
eye shade	1	hair ribbon	1
eating apron	1	high school	1
flax seed	1	hitch up	1
food sale	1	horse chestnut	1
face cloth	1	hospital bath	1
fire bell	1	how-de-do	2
fire engine	1	how-do	1
flat iron	1	hymn book	1
feather duster	1	hobby horse	1
finger stall	1	hair curler	1

Table VIII - continued

	No. of voc's.		No. of voc's.
half an hour	1	letter man	1
half a dozen	1	looking glass	3
hot cross bun	1	lamp post	1
hair brush	3	mail box	2
hair pin	5	mail carrier	1
honey jar	1	mail man	4
high chair	6	maple sugar	1
hat pin	1	match box	2
hitch up	1	meat market	2
hot water bottle	1	milk bottle	4
India rubber	1	milk ticket	1
in case	1	mince pie	1
ice cream	5	mouse trap	2
ice man	1	make believe	1
ironing board	4	my own	1
hurdy gurdy	1	merry go round	1
ice cream soda	1	maple flake	1
ice wagon	1	meat man	1
instead of	1	meat chopper	1
iron man	1	milk girl	1
Jack Frost	2	milk cart	1
jack o'lantern	2	milk jar	1
johnny cake	2	monkey shines	1
jump rope	1	mud puddle	2
joker man	1	music box	2
jack straws	2	music cabinet	1
jack stones	1	mouth organ	2
jack rabbit	1	monkey puzzle	1
joy ride	1	make up	1
jingo rings	1	malted milk	1
kitty hood	1	May basket	1
kind of	2	meadow lark	1
ker chunk	1	mince meat	1
kitchen cabinet	1	morning glory	1
kitty cat	1	mother-in-law	1
knee cap	1	Morris chair	1
lemon squeezer	1	moving pictures	1
lead pencil	1	middy blouse	1
long ago	1	mustard plaster	1
lamp chimney	1	nut pick	1
looking glass	1	nut cracker	2
lime juice	1	napkin ring	4
lawn mower	3	neck piece	1

Table VIII - continued

	No. of voc's.		No. of voc's.
night dress	4	prayer meeting	1
night time	1	presser foot	1
night drawer	1	puffed rice	1
new skin	1	polly wog	1
no good	1	passenger car	1
no ma'am	1	peg board	3
no sir	1	pie board	1
oil can	5	pig back	2
orange juice	1	pump bird	1
oak ball	1	pine pillow	1
orange wood	1	pitter patter	1
oh my	1	pom pom	1
on and on	1	postage stamp	1
one time	1	post office lady	1
one by one	1	puffed wheat	2
on board	1	play time	1
out of	1	run down	1
olive oil	2	rocking chair	7
paper boy	1	rolling pin	5
paper doll	2	roller skates	2
peek-a-boo	4	rag bag	1
picture book	1	red stone	1
pie crust	2	rock-a-bye	1
pork chop	1	rubber band	1
pussy cat	2	rag week	1
paint brush	2	roast beef	1
peanut butter	2	rummage sale	1
potato masher	3	safety pin	7
pan sweep	1	salt cellar	2
pillow case	2	salt shaker	1
pop corn	2	screw driver	4
peanut man	1	shoe string	2
paper rag	1	soap dish	2
paper knife	1	shoe lace	1
pea pod	1	sun bonnet	1
polish boots	1	sand pile	1
pond lily	1	sea gull	1
paste board	1	sewing machine	2
pig pen	1	sitting room	2
pin tray	1	screen door	1
plum cake	1	shaving brush	1
pot pie	1	snow bank	1

Table VIII - continued

	No. of voc's.		No. of voc's.
snow man	2	snow plow	1
soda water	1	steam engine	1
song book	1	scarf pin	1
stocking cap	3	some day	1
store room	1	sofa pillow	1
story book	1	spoon holder	1
stove pipe	1	sewing machine	2
sugar bowl	4	shoe buttoner	1
sugar cane	1	shower bath	1
Sunday school	3	shirt waist	2
sewing board	1	silk dress	1
sewing rope	1	snippy nip	1
skipping rope	1	step ladder	1
screw driver	1	stick to	1
sewing table	1	stone steps	1
sand pile	1	try on	1
sewing machine drawer	1	turn up	1
salad dressing	1	tree top	1
school days	1	trolley car	2
sea lion	1	teddy bear	1
smoke stack	2	tape needle	1
soap catcher	1	tea pot	2
steam car	1	tea table	1
stomach ache	1	telegraph pole	1
scrambled eggs	1	tissue paper	1
shinny up	1	tobacco jar	1
sleeper car	1	tom cat	1
smash up	1	tool house	1
smoked halibut	1	trunk wagon	1
spinning wheel	1	tape measure	1
state house	1	tennis court	1
steam box	1	tennis raquet	2
steam roller	2	tippy toes	1
sunny shine	1	tony nail	1
school side	1	tooth brush	7
suli show	1	tea party	4
sleeping bag	1	thank you	1
school girl	1	tip heels	1
shredded wheat	3	table cover	1
slumber song	1	tea ball	2
soap suds	2	tinnsy weensy	1
soap bubbles	1	teeter totter	1

Table VIII - continued

	No. of voc's.		No. of voc's.
throw up	1	work basket	1
tick tock	3	worm hole	1
toe nail	4	wide open	1
too too car	1	waste basket	1
turkey day	1	whole wheat	1
tooth powder	1	wood shed	1
teddy bear	4	worn out	1
tennis ball	1	wrong side out	2
tin cup	2	watering pot	1
tooth paste	1	waist band	1
umbrella rack	1	whipped cream	1
upsy daisy	1	white meat	1
upside down	1	window seat	1
up-ti-diddy	1	writing paper	1
under drawers	2	wash cloth	2
upper lip	1	yard stick	1
Uncle Sam	1	yes sir	1
union suit	3	yes ma'am	1
used to	1	yes um	1
vanilla cream	1		
vacuum cleaner	1	<u>4 years</u>	
wash tub	1	a little	1
wash woman	2	alarm clock	2
wash rag	4	all aboard	1
wood pile	3	all right	1
watering cart	2	acorn cups	1
wake up	2	angle worm	1
wash basin	1	after while	1
whooping cough	3	apple sauce	3
wash bowl	1	apple tree	1
wash stand	1	April fool	1
wood box	1	arrow head	1
work car	1	air brake	1
wedding ring	1	beer wagon	1
window blind	1	billy goat	1
window pane	1	black salt	1
waked up	2	brand new	1
walk way	1	black and blue	1
water cart	1	baker man	1
why senses	1	barb wire	1
window seat	1	basket ball	1
window sill	1	bathing suit	1

Table VIII - continued

	No. of voc's.		No. of voc's.
bay window	1	chafing dish	1
bean porridge	1	check book	1
bear skin	1	Christmas tree	1
birch tree	1	clothes pin	2
bird nest	1	clothes line	2
blue jay	2	clover blossom	1
bob sleigh	1	coal man	1
bow wow	2	coal skuttle	1
breakfast food	2	coffee pot	1
broad walks	1	corn cob	1
brown bread	1	cross gun	1
bubble pipe	1	cuff button	2
butter nut	1	choo choo	2
button hook	3	cut worm	1
bye and bye	1	coal pail	1
barn yard	1	cigar box	1
belt buckle	1	cock-a-doodle-do	1
berry boxes	1	coal oil	1
boat rider	1	cough syrup	1
bouncing ball	1	cracker jack	1
bread dough	1	chrome yellow	1
bread pan	1	dark brown	1
butter bowl	1	dark blue	1
blue eyed	2	darning cotton	1
bath tub	1	daddy long legs	2
Belgian hare	1	ding dong	1
cold cream	1	dining car	1
corn flakes	1	dining room	2
cream of wheat	2	dinner time	1
chewing gum	2	dish pan	2
chow chow	1	down hill	1
clean up	1	drug store	1
coal bucket	1	Dutch cleanser	1
coal car	2	deaf and dumb	1
coffee grinder	1	deck chair	1
cod liver oil	1	dressing gown	1
comb hair	1	dear me	1
cut grass	1	dish up	1
cutter grass	1	dish towel	1
cream jug	1	eye winker	1
camp fire	1	egg beater	1
card case	1	elm tree	1
castor oil	4	express office	1

Table VIII - continued

	No. of voc's.		No. of voc's.
ever so	1	hair ribbon	1
eating apron	1	hobby horse	1
face powder	1	hair rat	1
feather duster	1	hide and go seek	1
flour sifter	1	horse nettle	1
four year old	1	hickory nut	1
finger stall	1	hair brush	1
flea-bane	1	hair pin	2
forget-me-not	1	hand organ	1
fie fie shame	1	head guard	1
false face	2	hey diddle	1
ferry boat	1	hide and seek	1
fiddle de dum	1	higglety pigglety	1
finger nail	3	hop toad	1
fire alarm	1	high chair	1
fire cracker	3	half past	1
fire engine	1	hat pin	1
fish line	1	head first	1
fishing line	2	horn toad	1
flat iron	1	in case	1
five cent piece	1	ice cold	1
five cent store	1	ice cream	3
flower pot	1	ice man	3
four o'clocks	1	ironing board	2
fish food	1	ice cooler	1
good night	1	ice water	1
grape vine	2	ice wagon	1
guinea pig	2	ink bottle	1
gee winniger	1	Jack Frost	1
gee wizz	1	jack knife	1
git ap	1	jingle bells	1
grass cutter	1	jack rabbit	1
griddle cake	1	jumping jack	1
golf course	1	ker chug	1
git ap	1	key ring	1
good night	2	key chain	1
graham bread	1	kid gloves	1
grape juice	1	kindergarten chair	1
gun barrel	1	king bird	1
gasoline stove	1	kissing bug	1
goodness sakes	1	kitchen cabinet	1
grown up	1	lady bug	1

Table VIII - continued

	No. of voc's.		No. of voc's.
lamp chimney	1	north pole	1
lamp lighter	1	normal school	2
laundry bag	1	nursing home	1
light brown	1	neck weed	1
lily of the valley	1	night hawk	1
low down	1	night time	1
lady slipper	1	napkin ring	1
lawn mower	2	night dress	1
lightning bug	1	oat field	1
looking glass	1	oil can	3
lamp post	1	oak ball	1
left handed	1	oh my	1
mail man	2	own self	1
mail box	2	of course	1
main street	1	out of	1
maple sugar	1	oh dear me	1
match box	1	olive oil	1
meadow lark	2	paint brush	3
meat grinder	2	passenger car	1
milk bottle	2	peanut butter	1
milk house	1	peek-a-boo	1
milk wagon	3	petty john	1
mince pie	1	pie man	1
minute man	1	pie plant	1
mouse trap	1	ping pong	1
mud puddle	1	possum	1
mud turtle	1	pony cart	1
mocking bird	2	pop corn	3
market basket	1	pop gun	2
merry go round	2	plant lice	1
morning glory	1	potato masher	2
mouth organ	2	pussy willow	1
mulberry bush	1	pick-a-back	1
meat saw	1	potato bug	1
mouth harmonium	1	prickly heat	1
milk toast	1	punch bag	1
moving picture show	1	picture book	1
my own	1	potato cakes	1
my own self	1	postage stamp	1
night drawers	1	paste board	1
nanny goat	1	pig pen	1
nine o'clock	1	pin tray	1

Table VIII - continued

	No. of voc's.		No. of voc's.
polly wog	1	smoke stack	1
plant lice	1	soap dishful	1
poppy mallow	1	store room	2
question mark	1	story teller	1
queen bee	1	sugar bag	1
rocking chair	2	sewing table	1
rolling pin	1	sand pile	1
rat trap	1	sewing machine	1
rain spout	1	drawer	
roller skates	1	screen door	1
rag weed	1	scouring soap	1
race horse	1	screw eye	1
rag man	1	spare ribs	1
rubber band	1	spinning top	1
run down	1	story book	1
safety pin	2	sugar bowl	1
salt cellar	2	sugar spoon	1
salt shaker	2	shepherd's purse	1
sap bucket	1	spring beauty	1
school bell	1	sweet pea	1
screw driver	2	sleeping bag	1
shoe string	3	sewing machine	1
sky rocket	1	shirt waist	1
sling shot	1	sitting room	1
soap dish	1	soap suds	1
squirt gun	1	teddy bear	3
steam shovel	2	toad flax	1
stocking cap	1	tooth brush	3
stomach ache	2	tack hammer	1
sun bonnet	1	talcum powder	1
sand pile	1	tape line	1
spider web	1	tea towel	1
sea gull	1	ticket puncher	1
sea lion	1	tissue paper	1
soda water	1	toe nail	2
sugar plum	1	tea party	2
spider monkey	1	thirty-two	1
sewing machine	1	tin cup	3
Sunday school	2	tooth ache wax	1
snow drift	1	tooth powder	1
sawing match	1	tippy top	1
smoke pipe	1	telegraph pole	1

Table VIII - continued

	No. of voc's.	No. of voc's.
tennis ball	1	
tennis court	1	
tip toe	1	
union suit	2	
upside down	1	
watering cart	1	
walking stick	1	
worker bee	1	
wound up	1	
wakened up	1	
wash line	1	
wash rope	1	
window sill	2	
worn out	1	
wreck train	1	
wall paper	1	
wash bowl	1	
washing day	1	
wash pan	1	
wash rag	1	
watch chain	1	
water pail	1	
water pitcher	1	
waked up	1	
wood sorrel	1	
wide open	1	
wash cloth	1	
water wheel	1	
wire pincers	1	
woolen mill	1	
yellow puccoon	1	
yellow ochre	1	
zinc bench	1	

In an attempt to make a closer comparison of the words found in preschool children's vocabularies and the most frequently used words found by Thorndike (43), the author listed the first 2,000 most frequently used words and after the words tabulated the number of vocabularies at each age level in which the word was found. In Table IX are given the first 500 most frequently used words; in Table X the second 500 most frequently used words; in Table XI the third 500 most frequently used words; and in Table XII the fourth 500 most frequently used words.

Table IX

The First 500 Most Frequently Used Words
(from Thorndike)

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
a	2	6	5		
about	4	7	6		
above		3			
across	4	7	1		
add	1				
after	5	9	6		
again	5	9	5		
against	1	4	1		
air	4	6	1		
all	5	9	7	2	
almost	3	8	1		
alone	4	7	1		
along	3		3		
also	1	1			
always	3	4	1		
am	4	9	4		
among	2	2			
an	3	3	2		
and	5	9	8		
another	5	8	5		
answer	3	6	1		
any	5	9	4		
apple	4	8	8	3	
are	3	6	3		
arm	5	9	6		
around	4	6	5		
as	4	8	1		
ask	5	10	4		
at	4	7	4		
away	4	9	8	1	
back	5	9	7	1	
bad	4	9	7		
ball	4	9	8	2	1
bank	5	8	4		
be	4	6	3		
bear	5	6	3		
beautiful	3	6	3		
because	3	8	1		
become		1			
bed	5	8	7	4	

Table IX - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
been	2	7	1		
before	4	8	2		
begin	1	5			
behind	4	8	3		
being					
believe	2	6	1		
best	4	5	2		
better	5	8	6		
between	2	5			
big	5	9	7	1	
bird	4	9	7	2	
black	5	7	6	2	
blow	5	9	4		
blue	5	9	6		
body	2	5			
book	4	7	9	4	
both	4	7			
box	5	8	6	2	
boy	5	8	8	3	
bread	5	9	9	2	
bring	3	9	5		
brother	4	6	1		
brought					
build	4	6	5		
burn	5	8	6		1
but	4	7	1		
buy	5	9	3		
by	5	8	5		
call	4	7	4		
came	2	4	2		
can	5	9	5		
care	4	8	2		
carry	5	9	6		
case	3	1			
cause					
certain					
change	1	8	2		
child	2	6	1		
children	3	6	4		
church	5	8	5		
city	3	5			
clear	2	4	1		
close	1	2	3		

Table IX - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
cold	5	9	6	2	
color	2	7	2		
come	5	9	7	3	
company	2	5			
corn	4	6	5		
could	4	7			
country	1	3	1		
course		2			
cover	5	6	6	1	
cross	4	7	3		
cut	5	9	7		
dark	5	8	7		
day	4	7	4		
dead	2	4			
dear	4	8	6	1	1
death		2			
deep	3	3	2		
did	2	5	3		
die	4	6			
do	5	9	8	2	
does	1	3	1		
done	3	3	1		
door	5	7	8	3	1
down	5	9	9	2	3
draw	3	5	1		
dress	5	9	9	2	
drink	5	7	6	1	
drive	3	5	1		
drop	5	8	8		
during					
each	4	4	2		
ear	4	9	8	4	
early	3	3	1		
earth	1				
east	1	2			
eat	4	9	8	2	
egg	5	9	8	2	
end	4	8	2		
enough	4	8	6		
even	2	1			
ever	2	6			
every	4	6	2		

Table IX - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
eye	5	9	9	4	
face	5	8	7		
fair	2	1			
fall	4	7	8	1	1
family		1			
far	4	9	3		
fast	4	8	2		
father	2	6	5		
fear		1			
feel	5	9	3		
feet	1	2	3		
few	2	6			
field	5	5			
fill	2	7	1		
find	5	9	4		
fine	3	4	4		
fire	5	9	8	1	
first	4	9	2		
five	4	6	2		
floor	4	8	7	1	
flower	5	8	7	3	
fly	4	10	6		
follow	1	3			
food	4	5			
foot	5	9	7	2	
for	5	8	6		
form					
found	2	3	3		
four	4	9	2		
free	1	1			
fresh	1	5	2		
friend	2		1		
from	4	5	3		
front	5	7	3		
full	5	9	3		
garden	5	7	4		
gave	1	3	3	1	
general					
get	5	9	8		
girl	5	9	7		
give	5	9	7		
given					

Table IX - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
glad	3	7	1		
go	4	9	8	4	1
God	2	1			
gold	2	6	1		
good	5	9	9	4	
got	2	4	2	1	
great	5	7	3		
green	4	8	3	1	
ground	4	8	3		
grow	4	9			
had	2	5	1		
hair	5	9	9	4	
half	5	7	1		
hand	5	9	9	4	
happy	3	5	2		
hard	5	8	7		
has	1	4	5		
have	5	10	4		
he	5	10	4	1	
head	4	9	4	2	
hear	4	9	7		
heart	1	3	1		
heavy	5	8	6		
help	4	8	7		
her	4	8	5		
here	5	9	7	1	
high	5	8	5		
hill	2	8	2		
him	4	9	3		
himself	2	6	1		
his	5	8	2		
hold	5	9	6	1	
home	5	9	6	1	
hope	2	3			
horse	5	9	8	3	
hot	5	9	8	3	
hour	1	3			
house	5	9	7	1	
how	5	6	2		
hundred	2	5			
I	4	9	7	1	1
if	5	9	2		

Table IX - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
in	5	9	9		
into	4	4			
is	5	9	8		
it	5	9	8	1	
its	1	4			
John					
just	5	8	4		
keep	4	9	4	1	
kill	3	6	1		
kind	4	8	2		
king	2	2	1		
know	5	9	5		
known		9			
land	1	2			
large	3	3	2		
last	5	8	4		
late	4	5	1		
laugh	3	7	5		
law					
lay	5	6	3		
lead	1	3	2		
learn	3	6	2		
leave	4	8	4		
left	3	7	2		
length					
less					
let	4	9	8		
letter	4	8	8		
life	1				
light	5	9	7	4	
like	5	9	7		
line	4	5	1		
little	5	9	8		
live	4	4			
long	5	10	4		
look	5	9	8		
lost	2	6			
love	4	8	5		
low	4	8	1		
made	1	3	1		
make	5	9	8		
man	4	9	9	3	2

Table IX - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
many	4	7	3		
mark	5	7	1		
matter	3	7	1		
may	2	7	2		
me	4	10	5		
mean	4	7	2		
measure	3	5	1		
meet	3	8	2		
men	1	3	1		
might	5	8	1		
mile	1	1			
milk	4	10	9	3	
mind	4	7	3		
mine	4	7	2		
miss	5	7	3		
money	3	7	7		
month	1				
more	4	9	7	2	
morning		8	2		
most	3	6	1		
mother	4	10	6	1	
mountain	2	7	1		
move	4	7	5		
much	4	5	5		
must	5	7	5		
my	4	8	6		
name	3	6	6		
near	4	7	2		
need	4	8	5		
never	5	7	2		
new	5	7	7		
next	5	6	3		
night	5	7	6		
no	5	9	9	4	1
north	2				
not	4	8	6		
nothing	4	4	2		
now	4	8	8		1
number	2	2	2		
of	5	8	8		
off	5	9	9	1	
often	1	4			

Table IX - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
old	5	10	5		
on	5	9	8	1	
once	5	6	3		
one	4	9	9		
only	4	4	3		
open	5	9	9	2	
or	2	2	2		
order	2				
other	5	9	6		
our	4	6	2		
out	5	9	7	2	
over	5	9	8		
own	3	7	5		
paper	5	9	8	4	
part	2	6	2		
pass	3	5	1		
pay	2	5			
people	5	9	3		
person	1	2			
picture	5	9	6	1	
piece	5	8	5	1	
place	5	9	3		
plain	1	4			
plant	3	8	2		
play	5	8	7	1	
please	4	9	8	3	
point	1	5			
poor	4	7	6	1	
present	2	7	1		
pretty	5	9	8	3	
put	5	9	8		
quick	3	8	2		
rain	5	9	8		
raise	3	2			
reach	3	8	3		
read	4	8	7		
ready	5	7	5		
reason					
receive					
red	5	7	7		
remain					
remember	4	7	4		

Table IX - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
rest	5	9	5		
rich	2	2			
ride	4	10	8	2	
right	5	10	6		
river	3	6	1		
road	3	6	3		
rock	4	7	7	1	
roll	5	6	7		
room	4	8	5		
round	4	6	4		
run	5	9	6		
said	2	5	2		
sail	2	4			
same	2	5			
save	2	3	1		
saw	4	5	3		
say	5	8	6		
school	5	7	6	1	
sea	2	2	1		
second	3	2			
see	5	8	9	1	1
seem	2	3	2		
seen	1	2			
send	3	6	1		
sent	1	2			
serve	1	2			
set	4	6	2		
several					
shall	3	6			
she	4	7	4		
ship	1	3	2		
short	3	6	1		
should	1	7	1		
show	5	6	4		
side	5	8	7		
sight	1	1			
silver	1	6			
since	1	4			
sing	4	9	7	1	
sister	5	9	4		
sit	4	9	8		
six	4	3	2		

Table IX - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
sleep	5	9	6		
small	3	3	2		
so	5	8	6		
soft	5	7	3		
soldier	1	4			
some	5	9	6		
something	5	7	6		
sometime	4	7	2		
son	2	2	1		
soon	3	5	7		
sound	3	6	1		
south	2	1			
speak	2	7	2		
spring	2	4	2		
stand	5	9	7		
start	4	4	1		
state	1	1			
stay	5	9	7		
step	5	9	5		
still	3	6	5		
stone	5	9	4	1	
stop	4	6	5	1	
story	5	6	5		
street	4	7	3		
strong	3	7	1		
such	4	5	1		
summer	5	4	2		
sun	5	7	7	1	
sure	3	8	4		
sweet	4	7	5	1	
table	5	9	7	1	
take	4	8	7		
talk	5	9	7		
tell	5	8			
ten	1	4	2		
than	5	6			
thank	4	9	4	2	
that	5	10	7		
the	3	7	3		
their	2	5	1		
them	5	9	2		
then	5	8	4		

Table IX - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
there	5	9	7	2	
these	5	7	4		
they	5	9	3		
thing	4	9	7		
think	4	8	6		
third		1			
this	5	9	6		
those	3	6	3		
though	1	5			
thought	2	5			
thousand	1	1			
three	4	9	6		
through	4	9	5		
till	2	2	2		
time	5	9	5		
to	5	9	7		
today	4	9	3		
together	4	5	2		
too	5	9	7		
took	2	3			
top	5	8	3		
town	4	9	6		
train	5	8	5	1	
tree	4	8	7	1	
true		1			
try	5	8	5		
turn	4	10	6		
two	4	10	8	1	
under	5	8	5		
until	2	2	1		
up	5	10	9		1
upon		2	1		
us	5	8	2		
use	5	7	1		
very	5	10	6		
visit	2	5	1		
voice	2	2			
wait	4	8	7		
walk	5	9	8	1	
wall	4	9	5	1	
want	5	9	7	1	
war	1		1		

Table IX - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
warm	4	7	6		
was	3	7	1		
watch	5	9	6	1	
water	5	9	9	3	1
way	5	9	5		
we	4	8	2		
week	3	3			
well	5	10	6		
went	4	7	6		
were	2	3			
what	5	9	4		
when	4	8	5		
where	5	8	6		
which	3	9	1		
while	4	6	3		
white	5	10	6		
who	5	8			
whole	5	5	2		
why	4	6	1		
wide	1	7			
will	5	9	4		
wind	5	9	6		
window	5	10	7		
winter	4	4			
wish	5	7	2		
with	5	10	6		
without	2	3	1		
woman	2	5	3		
wood	5	10	4	1	
word	3	7	4		
work	5	7	5		
world	2	2	1		
would	5	8	2		
write	5	10	6		
year	2	6	1		
yet	5	8	5		
you	5	9	8	1	
young	2	3	1		
your	4	8			

Table X

The Second 500 Most Frequently Used Words
(from Thorndike)

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
able	2	2			
account	1				
act	1	4	2		
afraid	5	8	3		
afternoon	5	6	4		
age	3	2			
ago	3	3			
allow	2				
already	2	2			
although					
American		1			
animal	2	7	1		
amount	2				
anything	3	6	1		
appear					
army	1				
arrive		1			
art					
article					
attend	1				
baby	5	9	6	3	3
bag	2	6	4	2	
band	4	6	1		
basket	4	9	6		
battle	1				
bay	1				
beast	1	1			
beat	3	2			
beauty	2	3			
bee	2	6	2	1	
began		2			
bell	5	7	5	1	
belong	3	6	2		
beside	4	8	5		
bill	3	5	1		
bit	4	8	5		
bless	1	3	2		
blind	2	5	2		
blood	4	6	1		
board	3	6			

Table X - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
boat	5	7	5	3	
bone	4	9	4		
born	3	1			
bottom	4	3	2		
bow	2	5	2	1	
branch	3	1			
brave	1				
break	5	8	7	1	
breakfast	4	8	5		
bridge	4	7	3		
bright	1	2			
broad	1	6			
broken	1	5	3		
brook	1	1			
brown	4	8	2		
building	2	5			
built	1	2			
business		1	1		
busy	4	6	5		
butter	5	7	6	2	
cake	4	8	6		
cannot		1			
cap	3	7	5	1	
captain	2	1			
car	4	8	2	2	
careful	4	10	6	1	
catch	5	9	5		
cent	2	5	1		
center		1			
chain	3	8	2		
chair	4	9	8	4	
chance	1	3			
charge	2				
chief					
choose	1	2			
Christmas	4	7	1		
circle	1	2			
class	2	2			
clean	5	9	8		
clock	5	9	7	2	
cloth	3	7	1		
clothe					

Table X - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
clothes	4	9	6		
cloud	3	7	2		
coal	5	7	4	3	
coast		1			
coat	4	9	5	3	
coming	2	2	1		
command					
common	1				
complete					
condition					
contain					
continue					
cook	3	8	4	1	
cool	3	7	4		
corner	5	7	4		
cost		1			
count	1	1			
cow	5	8	8	3	
cried	1	2			
crowd	1	2			
crown	3	1	1		
cry	5	9	7	1	
cup	5	9	6	3	
dance	1	7	5		
dare	1	3			
date	1	1			
daughter	2	4	3		
deal	1	2			
decide	1	1			
delight	2	1			
demand					
desire		1			
destroy					
difference		2			
different	4	4			
dinner	5	9	8	1	
direct	1		1		
discover					
distance					
divide					
doctor	4	6	2		
dog	4	9	8	3	1

Table X - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
don't	2	6	5		
double	3	4			
doubt					
dream	3	6			
dry	3	4	8		
dust	4	8	5		
duty					
easy	2	4	1		
edge	2	3	1		
eight	2	3	2		
either	4	2	1		
else	5	8	2		
enemy	2				
English	1	1			
England					
enjoy	1	3			
enter					
entire					
equal					
escape	1				
evening	2	3			
everything	4	8	2		
except	1				
exercise	3	2			
expect		4			
express	1				
extend					
fact	1				
fat	4	9	5		
farm	1	2	1		
farmer		2	1		
famous					
favor					
feed	3	8			
fell	2	4	3		
fellow		3	3		
felt		1			
fight	2	4	1		
figure	2	1			
finger	5	9	8	2	
finish	2	5			
firm	2	1			

Table X - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
fish	5	10	5		
fit	2	6	1		
fix	3	8	6		
flow					
following	1				
force					
forest					
forget	4	5	1		
former					
forth	1	2	1		
forward		2			
fourth	1				
France					
French					
fruit	1	3	1		
gain					
game	3	6	2		
gate	3	8	4		
gather	1	1			
gentle	1	2	1		
gentleman	1	2	1		
gift					
glass	5	9	8		
going	1	3	2		
golden		1	1		
gone	2	5	4	3	
government					
grace	1				
grain	2				
grant					
grass	4	8	7	1	
gray		6	1		
grew	2				
guard	1				
guess	4	8	5		
guide					
hall	4	3	3		
hang	4	8	5		
happen	3	4			
hat	5	9	8	3	
health					
heard	1	4	1		

Table X - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
heat	2	6			
heaven	3	3			
height					
held		2			
herself	2	6	3		
hide	5	7	3		
hole	5	7			
honor					
however					
hunt	3	7	1		
hurry	5	9	4		
hurt	5	8	8	1	
husband		2			
health					
ill	1	1			
important	2	3			
increase					
indeed	1	3			
Indian	2	3	2		
instead	1	1			
interest	1				
iron	4	9	6		
island	1	1			
join		1			
journey	1	1			
joy	1	1			
judge	2	1			
kept		1			
kiss	4	9	9	2	
knee	4	8	8	1	
knew					
labor					
lady	5	8	7	3	
laid	1	3			
lake	3	6			
least					
led	2				
leg	5	9	7		
lesson	1	5	1		
lie	3	8	4		
lift	4	8	6		
lion	3	7	1		

Table X - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
lip	5	8	5		
list		1			
listen	3	8	1		
load	3	2			
Lord		1			
lose	4	9	4		
loss					
lot	5	7	4		
loud	4	6			
lower	1	1			
manner					
march	3	5			
market	1	3	2		
master	1	1	1		
meat	4	9	6	2	
member					
met	1	1			
middle	4	6	1		
mill	1	2	3	1	
minute	4	8	6	1	
moment		1	1		
moon	5	8	5	2	
mount					
mouth	4	8	8	3	
Mr.		1			
Mrs.		4	2		
music	2	7	2		
myself	4	7	1		
narrow	1	2			
nation					
natural		1			
nature					
necessary		1			
neck	5	8	7	1	
neighbor		1			
neither	2	2			
nest	2	6	3		
New York					
nice	5	9	8	2	
nine	2	3	2		
none	4	3	3		
noon	1	2	1		

Table X - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
nor		1			
nose	5	9	8	4	
note		2	1		
notice	1				
O			2		
oak	1	2			
object					
ocean	2	4			
offer		1			
office		5			
officer					
oh	5	9	6	1	
ought	4	6			
outside	5	7	2		
page	4	8	1		
pain	2	6	3		
paint	5	10	4		
pair	3	2	1		
party	1	5	3		
past	2	4			
path	2	6			
peace					
pen	4	7	3	1	
perfect	3	1			
perhaps	4	6	3		
pick	5	9	6	2	
plan	1				
pleasant		4			
pleasure		1			
possible		1			
post	2	5	1		
pound	5	5			
practice	1	2			
prepare					
press	2	4	1		
price	2	1			
prince	1	2			
promise		2			
proper					
proud	1	1			
prove					
public					

Table X - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
pull	5	9	8		
pure					
purpose					
quarter	1				
queen	2	2	2		
question	3	2			
quiet	4	8	2		
quite	3	8	2		
race	3	3	1		
ran	1	2			
rapid					
rather					
real	4	4	1		
reply					
report					
require	1		1		
return		1			
ring	5	9	8	2	
rise	1	3	2		
roof	4	6	2		
rose	4	7			
row	2	6	1		
rule					
rush	2	2	1		
sad			1		
safe	1	2			
salt	3	9	7	1	
sand	4	9	3		
sat	1	3			
season					
seat	3	7	2		
seed	4	8	1		
seek					
seize					
self	1	2	1		
sell	2	4	2		
separate					
service					
settle	1	1			
seven	2	4	2		
shade	2	6			
shake	2	6	5		

Table X - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
shape					
sheep	5	6	5	1	
shine	4	7	2		
shoe	5	9	8	4	
shop		3	2		
shore	1	1			
shoulder	1	3	4		
shout	1	2			
shut	4	8	8		
sick	4	8	6		
sign	1				
silk	1				
simple	1	1			
single		3			
sir	1	5	1		
size	1				
skin	5	4	5		
sky	4	6	4	2	
slow	3	7	1		
smile	2	5			
smoke	5	6	6		
snow	5	9	8	1	
soil	2	5			
sold		1			
song	3	6	2		
sort	3	1	1		
soul					
space	1				
spend		2			
spirit	1				
spoke		1			
spot	3	7	3	1	
spread		6	1		
square	3	3			
star	4	6	3		
station	4	5			
stick	5	9	4		
stock					
stood	1	3	3		
store	4	6	2		
storm	2	4			
straight	3	6	1		

Table X - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
strange					
stream	1				
strength					
strike	1	3	1		
study	3	3	6		
subject					
sudden	1	1			
suffer					
sugar	4	8	7		
suit	2	6			
supply					
suppose	4	7	2		
surprise	2	6	1		
tail	4	9	6	2	
tall	3	3	1		
taste	5	8	2		
teach	1	6			
teacher	4	4	1		
tear	3	9	7	1	
thee					
themselves	1	3	1		
therefore					
thick		5			
thin	4	2			
thou					
throw	3	8	8	1	
thus					
tie	4	8	8	1	
tire	5	9	7	1	
told	1	3	1		
tomorrow	5	5	3		
tongue	3	9	7	1	
touch	5	7	4		
toward	1	1			
trade	1				
travel	1				
trip	3	2	1		
trouble	3	5			
trust					
truth					
twelve		4			
twenty		3			
uncle	3	6	2		

Table X - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
understand	4	5	2		
unite					
usual	1	3			
valley	2	1			
value					
view					
village	2	1	1		
wash	5	8	8	1	
waste	2	3	1		
wave	3	6	3		
weak	1	1			
wear	5	9	3		
weather	1	5			
weight	1	1			
west	1	1			
wheat	1	3			
wheel	5	9	6		
whether	1	2			
whom		1			
whose	1	2			
wife		2	1		
wild	2	1			
win		1			
wing	3	6	3		
wise		2			
within		1			
wonder	4	8	2		
wonderful		2			
worth	1	1			
wrong	4	6	3		
yard	2	7			
yellow	4	7	5	1	
yes	4	8	7	1	
yesterday	4	7	1		

Table XI

The Third 500 Most Frequently Used Words
(from Thorndike)

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
according					
address					
advance					
advantage					
afterwards		1			
agree		1			
ah	4	4	2		
aid					
alive					
America					
ancient					
angel	1	2	1		
anger					
angry	1	2			
apart	2	3	1		
apply					
appoint					
approach					
April					
asleep	2	7	1		
attempt					
August					
aunt	4	7	5		
awake	3	7	3		
bake	4	7	2	1	
bar	1	2		1	
bare	2	6	2		
bark	3	6	4		
barn	4	8	4	1	
base	1				
beam					
became	1				
beg	2	3	1		
behold					
below		2			
bend	4	4	1		
beneath					
bid					
bind	1				
birth					

Table XI - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
bite	4	8	7		
bitter	2	4			
blame					
block	4	8	7	2	
blossom	1	2			
boil	2	5			
bold	1				
border	1	1			
bottle	5	9	6	3	1
bought		1	1		
bound	1				
bowl	4	9	3	1	
breast	1	4			
breath	1	3			
breathe	2	2			
brick	3	4	1		
brush	4	8	7	2	
burst	2	6			
bury	1				
bush	2	6	2		
camp	1	1			
card	3	9	4	1	
carriage	2	5	3	1	
cast	2	1			
castle			1		
cat	4	9	5		
cattle	1				
caught	3	4	1	2	
chamber	2	4	2		
character					
Charles					
charm		1	1		
chase	3	6			
check	1	3			
cheek	3	9	6	1	
cheer		1			
chicken	5	9	6	2	
choice	1				
chose					
claim					
climb	5	7	4		
cock	2	1	1		
coffee	1	7	4		

Table XI - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
college		1			
comfort	2	1	1		
companion	1				
compare					
connect					
consent					
consider					
constant					
content					
copy	2				
correct					
cotton	2	5	1		
cousin	3	4			
cream	4	8	4		
creature	1				
crop					
cruel					
curtain	3	8	3		
custom					
danger	1				
darkness		1			
dash	1				
dawn					
debt					
December		1			
declare		1			
deed					
degree					
delay					
deliver					
depart					
describe					
desert					
desk	2	7	3		
diamond	1	2			
difficult	1				
direction					
dish	4	8	7	2	
distant					
dollar	2	5	3		
dozen	3	2			
drown	1	1			
due					

Table XI - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
earn		1			
effect					
elect					
employ					
empty	4	7	5		
eve					
especial	1				
establish					
Europe					
event					
evil					
exact	1	2			
example					
excellent					
experience					
explain	1	2			
fail					
faint					
faith					
faithful					
fancy	1	1			
fare					
farther	2				
fashion					
fault	1				
feast		1			
feather	4	8	3	1	
feeling	1	1			
fence	4	7	3		
fierce	1				
fifteen		3			
fifth					
fifty		2			
final					
finally	1				
flag	5	7	4		
flame	2	3			
flash		1			
flat	3	5	1		
flesh	1				
flour	2	7	2		
fold	2	6	3		

Table XI - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
folk		4	3		
fool	1	4			
foreign					
fortune					
forty		1			
fought	1				
fox	3	2	1		
frame	2	2			
freedom					
frequent					
Friday	1	4			
friendly	1	2			
frost	1	2			
fun	3	8	4		
fur	2	7	3		
furnish					
further	1	1	1		
future					
gay	1	1			
George					
German					
giant			1		
glory	1	1			
goat	3	4	2		
goose	2	5	5	1	
governor					
grand	1	2	1		
grape	4	7	3		
grave					
greet	1	1			
guest					
gun	3	2	1		
handle	4	8	7		
hardly	3	4	2		
harm	1	3			
harry (H)					
harvest					
haste					
hate	1				
hay	3	7	2		
heel	5	8	3		
hen	3	5	5	2	

Table XI - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
hence					
Henry					
history					
hollow	1	2			
holy			1		
honest	1	1			
honey	3	6	1		
horn	4	6	1		
huge	1	1			
human					
hung		2			
hungry	4	7	4	1	
idea	1				
imagine	1	1			
immediate					
include					
inside	5	9	1		
intend		1			
invite	2	3			
issue					
itself	2	3			
jack (J)					
James					
January					
July	1				
jump	5	9	6		
June		1			
justice					
key	4	8	6	2	
kindly					
kingdom					
kitchen	4	8	7		
knife	4	8	6	2	
knight		1			
knock	5	9	5	1	
knowledge					
lack					
lad	1				
lamb	2	8	2		
lamp	5	7	2		
language					
leader	1				

Table XI - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
lean	1	7	1		
leap		1			
leather	1	1			
level	1	1			
liberty					
limit					
lock	3	10	1		
lodge	1				
London					
loose	2	2	1		
lovely	2	7			
lying		1			
machine	1	5	4		
mad	2	4			
maid		1			
mail	4	6	4		
main	1	1			
map	2		2		
marry	2	1			
Mary					
mass					
match	3	6	4		
material	1				
meadow	1	2			
meal	2	4	2		
melt	1	3			
memory					
mention		1			
merchant					
mere					
merry	3	2			
message					
midnight					
mighty					
million					
mistake	4	5			
mix	5	6	1		
Monday		3			
mouse	4	5	7		
murmur					
nail	5	9	4		
native					

Table XI - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
news					
noble					
noise	3	7	4		
November					
nurse	2	3			
nut	3	6	3		
obey	1	3			
observe		1			
obtain					
occasion					
o'clock	2	6	2		
October					
oil	3	5	1		
opinion					
orange	4	7	7	2	
owl		1			
ox(en)	3	2	1		
pack	3	5			
paid		1			
palace					
parent		1			
park	2	2	3		
particular					
permit					
pie	1	8			
pig	4	9	7		
pile	3	6			
pin	3	8	7	4	
pipe	3	9	3	1	
pity	1	2		1	
plate	5	9	8		
plenty		5	2		
pocket	3	9	6	4	
poet					
pole	1	3	2		
port			1		
possess	1				
pot	2	4	1		
potato	5	9	9	1	
pour	2	6	6		
praise		1			
pray		1			

Table XI - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
prayer	2	2	1		
prefer		1			
presence					
preserve		1	1		
president	1				
prevent					
pride					
print	1	3			
prisoner	1				
private					
proceed					
produce					
protect					
provide					
pupil					
purchase					
push	4	9	8		
quality					
quantity					
railroad	2	5	1		
range	1				
rank					
rate					
record					
refuse					
regard					
region					
regular					
rejoice					
remove		1			
rent					
repair					
repeat		1			
represent	1				
respect					
result					
roar	1	3		1	
rod		1			
Roman					
root	2	1			
rough	3	4			
royal					

Table XI - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
ruin			1		
satisfy	1	1			
scale	1	1			
scarce					
scatter		2			
search	1	2			
secret		1			
sense		1			
September					
servant					
seventy					
sew	4	9	6		
shadow	3	6	3		
shame	1	2	1		
share					
sharp	3	5	3		
shed	1	1			
sheet	3	8	3		
shell	4	7	3		
shelter	1				
shoot	4	1	1		
shot	1				
sigh	1				
silence					
silent					
sink	3	6	2		
skirt	4	8	6		
slave		1			
slight					
slip	3	6	1		
smell	5	10	7		
smooth	2	6	1		
sorrow					
sorry	3	7	6		
Spanish					
spare					
special	1				
speech					
speed					
spent					
splendid	2				
spoil	2	3	1		
sport	1	1			

Table XI - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
stair	4	7	4		
stamp	3	5	2		
steal	1	3			
steam	2	7	1		
steel			1		
stir	2	4	2		
straw	3	3	2		
stretch	2	2	5		
strip	2	1			
struggle					
style					
succeed					
success					
sum					
Sunday	1	4			
supper	4	8	6	1	
support					
swallow	4	6	1		
swift	1				
swim	4	6			
sword	1				
system					
tale			1		
taught		1			
tax					
tea	5	7	4		
tender	2	5			
tent	1	2			
term					
terrible	3	5	1		
thirty		2			
thread	4	9	4		
threw			1		
thy					
tip	4	6	3		
title					
total					
tower	3				
toy	3	9			
trace					
track	3	6			
traveler					

Table XI - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
treasure	1	2			
treat	1	2	1		
tribe					
tried	1	1			
trim	2	3	1		
trunk	3	8	4		
twice	1	1			
union					
unless	1	1			
upper	1	1			
useful			1		
vain					
various					
vessel	1	2	1		
wagon	4	7	3	1	
wake	4	6	3		
wander		1			
Washington					
wealth					
weep	1				
weigh	2	3	1		
welcome	1	6	3		
wet	4	9	9		
whatever					
whisper	3	6			
whistle	4	8	6		
William					
wine		2	1		
wisdom					
wit					
wolf	2	4	1		
women					
won					
wool	1	2	1		
worse	1	1			
worthy					
wound	1				
written	1				
yield					
yourself	3	4	2		
youth					

Table XII

The Fourth 500 Most Frequently Used Words
(from Thorndike)

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
absolute					
accompany					
accomplish					
acre					
action			1		
actual					
addition					
admire					
admit					
advice					
advise					
affair					
Africa					
aim	1				
alarm	2				
alike	2	2	1		
anxious	1	1			
appearance					
approve					
arch	1	1			
arrange	3	2			
arrow	1	2	1		
ashamed	2	4			
Asia					
assist					
assure		1			
ate		3			
Atlantic					
attack	1				
attention	3	2			
authority					
automobile	4	6	1		
autumn					
avenue	1	2			
avoid					
await					
awful	4	7	2		
ax (axe)	2	3	1		
balance					
beach	1	1			

Table XII - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
bean	5	7	2		
beard	1	1	2		
begun		1			
belt	4	7	4	1	
bench	3	1	2		
benefit					
bent		1			
berry	3	8	2		
beyond					
birthday	4	9	3		
blade	1				
blaze	1	1			
blessing		1			
bloom	1				
boast					
boot	2	2	1		
bore	1				
bosom			1		
brass	2	3			
bride					
brief					
British					
broke	1	4	3		
brow	1		3	1	
bud	3	5	1		
button	5	10	8	4	
calm		1			
candle	2	7			
candy	3	7	5		
can't	2	5	4		
capital					
cave	1	1	1	1	
cease					
celebrate					
central					
century					
cheap		1			
cheerful	1				
cheese	3	5	2		
cherry	3	6	2		
chest	2	4	1		
chimney	3	6	1		

Table XII - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
China	1	3			
Christian					
citizen					
clay	1				
clerk					
cloak	2	1	2		
club	2				
coach					
coin					
collar	3	8	4	1	
collect					
colony					
comfortable	2	5			
commerce					
compass		1			
complain					
concern	1				
conduct					
Congress					
conquer					
consist					
control					
copper					
cottage		1			
council					
couple	2	4			
courage					
crack	3	7	2		
create					
creep	1	7	1		
crew					
crow	3	6	2	1	
crush					
cure	1				
curl	4	6	2		
current					
curse					
daily					
dangerous	1	3			
deceive					
deck					
defend					
deny					
depend					

Table XII - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
descend					
deserve					
determine					
devil		1			
dew		2			
Dick					
dig	5	7	2	1	
dine					
disappear	1				
disease	1				
district					
divine					
doll	4	8	7	2	
dot	1	1			
drag	1	4			
drain		1			
dread					
dreadful		2			
drew					
drill					
drove					
drum	3	7	1		
duck	5	6	6	1	
dwelt					
eager	1				
eagle	1	3			
earnest					
ease					
easily	2	1			
echo					
effort					
eighteen	1	2			
elate					
eleven	1	4			
empire					
engage					
engine	5	6	2		
entrance					
erect					
error					
everybody	2	4	1		
examine					

Table XII - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
exchange					
excuse	3	10	1		
extreme					
fade					
fairy	3	3			
false					
fame					
familiar	1				
fan	4	6	3		
farewell					
fasten					
fate					
favorite	1				
feature					
February					
fed		1			
fetch		2	1		
fever					
fleet					
flew	1		2		
flight					
float	3				
flock	1				
flood	1				
foe					
fond	2	3	1		
foolish	1	1			
forbid					
forehead	3	7	3	1	
forgot	1	4			
forgotten	1	1			
fork	5	10	6		
fort					
fountain	2	3			
frank	1				
freeze	1	4	3		
fright	2	1			
frighten	2	6	2		
frozen		2			
furniture		1			
garment					
gaze					

Table XII - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
gem	1	1			
ghost			1		
glance					
glorious		1			
glove	3	8	6	2	
glow					
goes					
gown			2		
grade					
grandmother		4			
grief					
grind	2	3	1		
group					
grove	1	1			
gulf					
hail			1		
hammer	5	9	3		
handkerchief	3	8	6	2	
handsome	1				
happiness					
harbor					
hasten					
heap	1	1			
herd	1				
hero	1		1		
hid	1	1	1		
hire					
hit	4	8	2		
holiday		1			
hook	5	9	3		
host					
hunter	1				
idle					
I'll					
I'm					
impossible					
improve		1			
indicate					
industry					
influence					
inform					
instant					

Table XII - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
joyful					
judgment		1			
Kate					
kick	5	6	5	1	
kid	3	4	1		
kindness					
lace	3	9	3		
ladies					
lap	3	8	6		
latter					
lawn	1	4	1		
lazy	1	5			
league					
library	2	5	1		
limb	1				
linen	1	2			
log	1	3			
lover		1	1		
lumber	1				
maiden		1			
maintain					
manage	1	2			
manufacture					
marble	2	5			
married	1	1			
mate					
meant	1	3			
medicine	2	7	5	1	
mercy			1		
metal					
mild					
minister					
mistress					
mock	1				
model					
modern					
mortal					
motion					
mourn					
mud	4	8	4		
nation					
national					

Table XII - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
needle					
neglect					
net					
newspaper	3	6			
nobody	4		1		
nod	1	1			
northern					
oblige					
occur					
odd					
operation	1				
opportunity					
opposite					
orchard					
organ	1	3	1		
owl	1	3	1		
owner					
pace					
pale	1	2			
pan	3	8	6		
pardon		3			
partly		1			
pasture		1	1		
patient	1	1			
pattern	1	4			
pearl		1			
peep	1	2	1	1	
peer					
pencil	5	8	7	1	
penny	4	8	4		
per					
perform		1			
period					
Peter					
pine	1	2			
pink	5	6	1		
pluck					
pond	2	4			
porch	3	6	4	1	
portion					
possession					
preach	1	3			

Table XII - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
precious	2	2	1		
principal					
prison	1	1			
prize	1		1		
probable		2			
product					
profit					
prompt	1				
pronounce					
proof					
property					
province					
punish	1	1			
purple	2	5			
purse	1	4	4		
pursue					
quarrel	2	1			
quit	2	2	2		
rabbit	4	6	6		
rail	1	2			
rare					
rat	2	3	4		
ray					
really	1	5	1		
rear					
recover					
reign					
render					
request					
restore					
retire					
review					
ribbon	4	7	7		
ripe	3	4			
roast		5			
rob	3				
Robert					
robin	4	3	3		
rode					
Rome					
rope	4	8	3		
rub	5	7	6		

Table XII - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
rude					
sack	2	4	2		
sacrifice					
saddle	2	1			
safety	1	1			
sailor	1	1			
saint					
sake			1		
sale					
sang	1	1			
Saturday	1	4			
savage					
scene					
score					
seal	1				
section					
seldom					
select					
serious					
severe	2				
shepherd	2	1	1		
shirt	4	8	6	1	
shock	1				
shook		1			
shower	2	2			
sin		1			
sixth					
slope					
society					
sole		1			
somewhat					
sore	5	8	5		
sought					
southern					
sow	1	1			
Spain					
spell	1	1	1		
spoon	4	9	8	3	
spy					
stable	1				
standard					
steep	2	3			

Table XII - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
stiff	1	2			
stocking	5	8	9	2	
stranger					
string	5	10	6	1	
stroke					
struck	1	1			
student	2	2			
stuff	5	7			
sunshine	3	7	3		
superior					
surface					
sweep	2	9	4		
swell	1	2			
swing	5	8	4		
tailor	1	1			
task					
team	2				
teeth	4	8	7	3	
temple			1		
terror					
test					
theatre					
thorough					
threaten					
throat	5	9	3		
throne		1			
throughout					
thunder	3	5	3		
Thursday		3			
tide					
tight	5	9	6		
tiny	4	7	2		
toil	1	1			
tone					
tonight	3	4			
tool	2	1			
tooth	2	4	2		
toss	1	1	1		
trap	3				
tread					
tremble					
trial					
trick	2	5			

Table XIII - continued

	No. of vocabularies				
	4 yr.	3 yr.	2 yr.	1½ yr.	1 yr.
troop	1				
Tuesday		4			
ugly	1	2			
unhappy		1			
unknown					
unto					
urge					
utter					
valuable					
vast					
vegetable		1			
victory					
vine	2	3			
virtue					
vote					
wage					
waist	2	8			
warn					
weary		3			
Wednesday		3			
weed	3	5			
whence					
whenever	1	3	1		
whip	4	6	3		
wicked					
willing		1			
wipe	3	8	8		
wire	4	7	1		
witness					
won't	2	3	2		
wooden	1	1			
worm	3	6	1		
worn	1	3			
worst	1	2			
wrap	2	3	2		
wrote	2	3			
ye					

Table XIII

The First 500 Most Frequently Used Words Which Were Not Found in The Preschool Vocabularies Included in This Study.

being	during	law	receive
brought	form	length	remain
cause	general	less	several
certain	given	reason	

Table XIV

The Second 500 Most Frequently Used Words Which Were Not Found in the Preschool Vocabularies Included in This Study.

although	extend	least	seek
appear	famous	loss	seize
art	favor	manner	separate
article	flow	member	service
chief	force	mount	shape
clothe	forest	nation	soul
command	former	nature	stock
complete	France	object	strange
condition	French	officer	strength
contain	gain	peace	subject
continue	gift	prepare	suffer
demand	government	proper	supply
destroy	grant	prove	thee
discover	guide	public	therefore
distance	health	pure	thou
divide	height	purpose	thus
doubt	honor	rapid	trust
duty	however	rather	truth
England	important	reply	unite
enter	increase	report	value
entire	knew	rule	view
equal	labor	season	

Table XV

The Third 500 Most Frequently Used Words Which Were Not Found in the Preschool Vocabularies Included in This Study.

according	describe	issue	quantity
address	desert	January	rank
advance	direction	justice	rate
advantage	distant	kindly	record
aid	due	kingdom	refuse
alive	effect	knowledge	regard
America	elect	lack	region
ancient	employ	language	regular
anger	ere	liberty	rejoice
apply	establish	limit	rent
appoint	Europe	mass	repair
approach	event	memory	respect
April	evil	merchant	result
attempt	example	mere	Roman
August	excellent	message	royal
beam	experience	midnight	scarce
behold	fail	mighty	September
beneath	faint	million	servant
bid	faith	murmur	seventy
birth	faithful	native	share
blame	fare	news	silence
character	fashion	noble	silent
chose	fifth	November	slight
claim	final	obtain	sorrow
compare	foreign	occasion	Spanish
connect	fortune	October	spare
consent	freedom	opinion	speech
consider	frequent	palace	speed
constant	furnish	particular	spent
content	future	permit	struggle
correct	German	poet	style
crop	governor	presence	succeed
cruel	grave	prevent	success
custom	guest	pride	sum
dawn	harvest	private	support
debt	haste	proceed	system
dead	hence	produce	tax
degree	history	protect	term
delay	human	provide	thy
deliver	immediate	purchase	title
depart	include	quality	total

Table XV - continued

trace	vain	whatever	won
traveler	various	wisdom	worthy
tribe	Washington	wit	yield
union	wealth	woman	youth

Table XVI

The Fourth 500 Most Frequently Used Words Which Were Not Found in The Preschool Vocabularies Included in This Study.

absolute	celebrate	depend	fate
accompany	central	descend	feature
accomplish	century	deserve	February
acre	Christian	determine	fever
actual	citizen	dine	fleet
addition	clerk	district	flight
admire	coach	divine	foe
admit	coin	dread	forbid
advice	collect	drew	fort
advise	colony	drill	garment
affair	commerce	drove	gaze
Africa	complain	dwelt	glance
appearance	conduct	earnest	glow
approve	congress	case	goes
Asia	conquer	echo	grade
assist	consist	effort	grief
Atlantic	control	elate	group
authority	copper	empire	gulf
autumn	council	engage	happiness
avoid	courage	entrance	harbor
await	create	erect	hasten
balance	crew	error	hire
benefit	crush	examine	host
beyond	current	exchange	idle
boast	curse	extreme	I'll
bride	daily	fade	I'm
brief	deceive	false	impossible
British	deck	fame	indicate
capital	defend	farewell	industry
cease	deny	fasten	influence

Table XVI - continued

inform	odd	restore	superior
instant	opportunity	retire	surface
joyful	opposite	review	task
kindness	orchard	rode	terror
ladies	owner	Rome	test
latter	pace	rude	theatre
league	peer	sacrifice	thorough
maintain	per	saint	threaten
manufacture	period	sale	throughout
mate	pluck	savage	tide
metal	portion	scene	tone
mild	possession	score	tread
minister	principal	section	tremble
mistress	product	seldom	trial
model	profit	select	unknown
modern	pronounce	serious	unto
mortal	proof	sixth	urge
motion	property	slope	utter
mourn	province	society	valuable
nation	pursue	somewhat	vast
national	rare	sought	victory
needle	ray	southern	virtue
neglect	rear	Spain	vote
net	recover	spy	wage
northern	reign	standard	warn
oblige	render	stranger	whence
occur	request	stroke	wicked
			witness
			ye

Table XVII

The First 500 Most Frequently Used Words Which Were Found in 25 Per Cent or Less of The Preschool Vocabularies Included in This Study.

above	among	came	country
add	an	case	course
against	become	city	dead
along	begin	clear	death
also	between	close	deep
always	body	company	does

Table XVII - continued

done	hundred	point	ten
early	into	raise	their
earth	its	rich	third
east	king	sail	though
even	land	same	thought
ever	large	save	thousand
fair	lead	sea	till
family	life	second	took
fear	live	seem	true
feet	lost	seen	until
few	made	sent	upon
follow	men	serve	visit
found	mile	ship	voice
free	month	sight	war
fresh	north	silver	week
friend	number	since	were
gave	often	small	wide
God	or	soldier	winter
had	order	son	without
heart	pay	south	world
hope	person	spring	young
hour	plain	state	

Table XVIII

The Second 500 Most Frequently Used Words Which Were Found in 25 Per cent or Less of the Preschool Vocabularies Included in This Study.

able	bay	built	common
account	beast	business	cost
act	beat	cannot	court
age	beauty	captain	cried
ago	began	cent	crowd
allow	bless	center	crown
already	born	chance	dare
American	branch	charge	date
amount	brave	choose	deal
army	bright	circle	decide
arrive	broad	class	delight
attend	brook	coast	desire
battle	building	coming	difference

Table XVIII - continued

different	husband	path	space
direct	ill	perfect	spend
double	inch	plan	spirit
easy	indeed	pleasant	spoke
edge	Indian	pleasure	spread
eight	instead	possible	square
either	interest	post	stood
enemy	island	practice	storm
English	join	press	stream
enjoy	journey	price	strike
escape	joy	prince	sudden
evening	judge	promise	suit
except	kept	proud	tall
exercise	laid	quarter	teach
expect	led	queen	themselves
express	lesson	question	thick
farm	list	race	thin
farmer	load	ran	told
fellow	lord	require	toward
felt	lower	return	trade
fight	march	rise	travel
figure	market	rush	trip
finish	master	sad	trouble
firm	met	safe	twelve
fit	mill	sat	twenty
following	moment	self	usual
forth	Mr.	sell	valley
forward	Mrs.	settle	village
fourth	narrow	seven	waste
fruit	natural	shade	weak
gather	necessary	shop	weather
gentle	neighbor	shore	weight
gentleman	neither	shoulder	west
going	nine	shout	wheat
golden	noon	sign	whether
grace	nor	silk	whom
grain	note	simple	whose
gray	notice	single	wife
grew	O	sir	wild
guard	oak	size	win
happen	ocean	smile	wise
heard	offer	soil	within
heat	office	sold	wonderful
heaven	pair	sort	worth
held	past		

Table XIX

The Third 500 Most Frequently Used Words Which Were Found in 25 Per Cent or Less of the Preschool Vocabularies Included in This Study.

afterwards	creature	gun	paid
agree	danger	harm	parent
angel	darkness	hate	park
angry	dash	hollow	pity
apart	December	holy	plenty
bar	declare	honest	pole
base	diamond	huge	port
became	difficult	hung	possess
beg	dozen	idea	pot
below	drown	imagine	praise
bind	earn	intend	pray
bitter	especial	invite	prayer
blossom	exact	itself	prefer
boil	explain	July	preserve
bold	fancy	June	president
border	farther	knight	print
bought	fault	lad	prisoner
bound	feast	leader	railroad
breast	feeling	leap	range
breath	fierce	leather	remove
breathe	fifteen	level	repeat
brick	fifty	lodge	represent
burst	finally	loose	roar
bury	flame	lying	rod
camp	flash	mad	root
cast	flesh	maid	rough
castle	folk	main	ruin
cattle	fool	map	satisfy
chamber	forty	marry	scale
charm	fought	material	scatter
check	fox	meadow	search
cheer	frame	meal	secret
choice	Friday	melt	sense
cock	friendly	mention	shame
college	frost	merry	shed
comfort	further	Monday	shelter
companion	gay	nurse	shoot
copy	giant	obey	shot
correct	glory	observe	sigh
cotton	grand	owe	slave
cousin	greet	ox	special
		pack	

Table XIX - continued

splendid	swift	treasure	wander
spoil	sword	treat	weep
sport	tale	tried	weigh
steal	taught	trim	wine
steel	tender	twice	wolf
stir	tent	unless	wool
straw	thirty	upper	worse
strip	threw	useful	wound
Sunday	tower	vessel	written

Table XX

The Fourth 500 Most Frequently Used Words Which Were Found in 25 Per Cent or Less of the Preschool Vocabularies Included in This Study.

action	bore	dot	freeze
aim	bosom	drag	fright
alarm	brass	drain	frozen
alike	broke	dreadful	furniture
anxious	brow	eager	gem
arch	calm	eagle	ghost
arrange	cave	easily	glorious
arrow	cheap	eighteen	gown
ashamed	cheerful	eleven	grandmother
assure	chest	everybody	grind
ate	China	fairy	grove
attack	clay	familiar	hail
attention	cloak	favorite	handsome
avenue	club	fed	heap
ax (axe)	comfortable	fetch	herd
beach	compass	flew	hero
beard	concern	float	hid
begun	cottage	flock	holiday
bench	couple	flood	hunter
bent	cure	fond	improve
blade	dangerous	foolish	judgment
blaze	devil	forgot	kid
blessing	dew	forgotten	lawn
bloom	disappear	fountain	lazy
boot	disease	frank	library

Table XX - continued

limb	peep	sang	tonight
linen	perform	Saturday	tool
log	pine	seal	tooth
lover	pond	severe	toss
lumber	preach	shepherd	trap
maiden	precious	shock	trick
manage	prison	shook	troop
marble	prize	shower	Tuesday
married	probable	sin	ugly
meant	prompt	sole	unhappy
mercy	punish	sow	vegetable
mock	purple	spell	vine
nobody	quarrel	stable	weary
nod	quit	steep	Wednesday
operation	rail	stiff	weed
organ	really	struck	whenever
owl	ripe	student	willing
pale	roast	swell	won't
pardon	rob	tailor	wooden
partly	sack	team	worn
pasture	saddle	temple	worst
patient	safety	throne	wrap
pattern	sailor	Thursday	wrote
pearl	sake	toil	

Chapter V

SUMMARY AND RECOMMENDATIONS

The present study was undertaken to determine existing gaps between words that are learned by the preschool child through his home environment and what words are most frequently used in the English language.

The writer compiled a frequency list of words used by preschool children at the various age levels from thirty-three vocabularies which were taken from the literature (Table I). These words were tabulated in Thorndike's book (43), "The Teacher's Word Book of 20,000 Words." The words were then segregated according to the various age levels to determine the number of vocabularies at each age level in which each word occurred (Tables II, III, IV, V, and VI). Words which were not found in Thorndike's list and also the compound words were listed separately (Tables VII and VIII).

To show more clearly where the gaps exist between the words used by the child and the most frequently used words in the English language, the writer listed the first 2,000 most frequently used words as set forth by Thorndike and after each word tabulated the number of vocabularies at each of the age levels in which the word was found (Tables IX, X, XI, and XII).

The words which were not used by the children represent the gap. These words were listed under two classifications, (1) the words which were not used by any of the children (Tables XIII, XIV, XV, and XVI), and (2) the words which were used by 25 per cent or less of the children (Tables XVII, XVIII, XIX, and XX).

The vocabulary studies relating to preschool children and reported in the literature were done on precocious children in most cases. This is shown by a comparison of the number of words reported (see Table I) with the results of Smith's (39) study. Her results were as follows:

Year	Month	Children	Mean I.Q.	Words in vocabulary
2	0	25		272
2	6	14		446
3	0	20	109	896
3	6	26	106	1,222
4	0	26	109	1,540
4	6	32	109	1,870
5	0	20	108	2,072
5	6	27	110	2,289
6	0	9	108	2,562

Attention should be called to the fact that time adds new words to our vocabularies. It is also true that many words become obsolete. To illustrate, the modern child uses such words as streamline, radio, and aeroplane which were unknown to the child of a generation ago. This list of words, therefore, should not be considered a permanent tool, although in general words

learned are essentially the same for different periods of time.

This study shows that gaps do exist between the words used by the preschool child and words most frequently used in the English language. The words which make up these gaps are listed in Tables XIII, XIV, XV, XVI, XVII, XVIII, XIX, and XX.

Since there is a high correlation between intelligence and vocabulary and since the intelligence quotient can be altered by environment, it would seem that increasing the child's vocabulary through a proper environment would tend to improve his score on intelligence tests.

General Recommendations For Language Development

In general, the child's vocabulary can be increased by improved environment. However, the child's vocabulary growth should be directed in order that it will include the words which will be of greatest value to him when he makes the transition from the home to the outside world.

From the data concerning the number of words included in a child's vocabulary as determined by Smith (39) and reported above, the two-year and two-and-a-half-

year-old child's vocabulary should be directed toward the first 500 most frequently used words in the English language; the three-year and three-and-a-half-year old child's vocabulary should be directed toward the second 500 most frequently used words; the four-year and four-and-a-half year old child's vocabulary should be directed toward the third and fourth 500 most frequently used words.

Special emphasis should be placed upon acquainting the child with the words in Tables XIII, XIV, XV, and XVI, with secondary emphasis on the words in Tables XVII, XVIII, XIX, and XX. This list should not be accepted as a perfect guide since there are some words which for psychological reasons should probably not receive major emphasis in the child's vocabulary. Included in this list are such words as death, fear, sin, shame, etc. Other words which may not be included in this list, but which are commonly used in the home, should be added to the child's vocabulary.

Some of the words which make up the gaps between the words the child uses and those he will most frequently hear require concepts of time, number, size, distance, etc. in order to have meaning. Many of these can be grasped only after he has reached a certain stage of maturity.

Parents can do much toward helping the child acquire the words he will need to know to adequately take his place in the outside world by taking note of the words used in everyday conversation. If a parent's vocabulary is kept at a low standard in order for the child to understand every expression, it will not serve as an example to the child for increasing his word knowledge. Conversely, if their vocabulary standard is set too far above the comprehension of the child, the child will lose interest in what is being said and eventually come to the stage where he will not listen. By a wise choice of words the parents can stimulate the child's interests and through associations the child will be able to incorporate these words into his own vocabulary. In this way many words from the first 2,000 most frequently used words in the English language, as determined by Thorndike (43), can be indirectly taught to the child.

Direct teaching of a word or group of related words may be done successfully through the use of pictures, stories, and games; by excursions to the country, city, zoo, stores, factories, and other places of interest; with toys; and through association with different people.

There are certain words which seem not to be learned in the home environment. Pictures and stories may serve to introduce the child to these words, but excursions and definitely planned teaching would give greater understanding of them.

Specific Recommendations

An excursion to the country home would be an excellent opportunity to show and demonstrate the meaning of such words as:

stable	country	brook	crop
orchard	earth	stream	harvest
forest	soil	pond	vegetable
meadow	land	stock	fruit
pasture	clay	cattle	vine
acre	drove	cock	grain
farm	rode	mate	wheat
grove	bloom	team	straw
nature	blossom	creature	weed
natural	farmer	flock	root
saddle	shepherd	herd	sow
			beast

A trip to any well stocked zoo would give the child greater meaning to such words as:

beast	fox	wolf	owl
seal	eagle	ox	wild
roar	park	kid	creature

A field trip through the various houses of industry in the city would serve to explain to the child what is meant by the following words:

theatre	cost	manufacture	clerk
market	price	product	tailor
mill	sale	purchase	sailor
shop	sell	trade	log
business	sold	merchant	lumber
			railroad

Allowing the child to watch the process of dressing a chicken in the home would illustrate such names as:

body	heart
flesh	breast
	limb

At the same time explain to the child that he has a body too and that the different parts of it have different names. Point out what parts of his body are called:

shoulder	brow
chest	bosom
	tooth

Here would be an opportunity to teach the meaning of human by comparing the traits which make the human different from the fowl which was just prepared for cooking.

Words which show the relationship between two or more objects can be taught through pictures which show these relationships or through demonstration. These words are:

except	neither	between	further
instead	past	also	join
beneath	toward	below	separate
beyond	within	rather	upon
throughout	afterward	among	unite
without	apart	into	connect
distant	toward	farther	lower
upper	level		

Use interchangeably the different words which convey the same position, for instance, beneath, below, under, and lower. Also show the relationship of position between a variety of objects so that the child will not associate the word with only one situation.

Number concepts which involve large numbers are more difficult to teach the child if he has not reached a certain stage in maturation. Most four-year-old children are able to count to ten or beyond. They also will know first and probably second and third. By a gradual process they will later include the higher numbers. Incidental learning is valuable and will usually serve to teach word meanings if the parent is aware of the child's need for learning such words as:

several	double	last	various
couple	single	plenty	increase
few	sum	least	latter
pair	trace	less	dozen
group	final	total	

Time is another concept which is difficult for the child to learn. However, some conscious effort on the part of the parents will facilitate the child's learning. Pictures of typical activities of the season or the changes in color of the landscape will illustrate spring, autumn, and winter. Attach the concept of year to that long period of time from one birthday to the next. Explain to the child that this long period of

time is divided into twelve parts called months and that the months have names, January, February, etc. Tell the child the months are divided into weeks and the weeks into days. A day is the time from when he gets up one morning until he gets up the following morning and that the days have names, Sunday, Monday, etc. By associating the day with a particular activity will perhaps simplify the problem. On Sunday we go to Sunday School. On Monday brother Bob (or neighbor John) goes to school and he goes every day until Saturday. On Saturday he will be at home and will play with you. If through a careful check the parent knows the particular words which form the gaps in his own child's vocabulary, incidental teaching may be sufficient to give meaning to such concepts as:

tonight	week	ever	daily	ancient
noon	hour	always	early	delay
midnight	moment	seldom	frequent	haste
dawn	instant	future	sudden	immediate
occasion	regular	since	age	date
often	modern	until	ago	evening

Concepts of size may be taught by making comparisons between two similar objects of different size. Pictures or objects in the home may serve to make the comparisons. These words are:

size	weight	vast	large	narrow	thick
amount	height	huge	small	broad	thin
			tall	wide	

Illustrations or games would help the child to have meaning for the words circle and square. Point out many objects in the child's environment which are square or circular.

Concepts of the intangible are difficult to teach and are likewise difficult for the child to understand. Example set by the parents is perhaps the best way to teach character traits, but for the young child these traits must be labeled until he is able to make the necessary associations. Examples of these words are:

kindness	honest	value	justice	fame
happiness	truth	character	liberty	hope
duty	peace	faith	pride	brave
honor	trust	freedom	courage	joy
charm	comfort	pity	success	glory
virtue	gay	praise	anger	mercy
wisdom	fate	spirit	pleasure	respect

Certain words pertaining to eating are lacking in the children's vocabularies included in this study. These could easily be brought into the conversation of adults, especially at mealtime. In this list are meal, dine, fed, feast, and ate. In the same situation guest, host, and company could be used in the family conversation to convey their meaning to the child.

A few years ago the children's books contained a number of stories about throne, king, queen, prince, palace, coach, royal, title, crown, and castle. Today these stories have more or less dropped out of the

literature and yet we find these words included in the first 2,000 most frequently used words in the English language. One or two well illustrated stories in the modern child's book would meet this need.

The words shore, world, island, valley, desert, coast, and ocean will not require further teaching if the child is able to travel extensively enough to see these things for himself and if they are properly labeled by the adult companion. This would also hold true for:

district	city	sail	native
region	echo	ship	tribe
crew	visit	foreign	colony
fare	trip		

To teach the meaning of leather, silk, wool, cotton, and linen, etc. the use of these words in connection with specific garments and other objects in the home which are made from these materials will usually be sufficient. Tell the child that his shoes are made of leather, Daddy's coat is made of leather, the upholstery on the chair in the library is made of leather. Cite many examples for the same material.

If not carried too far to prevent monotony nor practiced to the extent that the child's conversation does not conform to general practices, continuous labeling is rather a painless method of teaching for both the

parent and the child. Great lists of words which form the gaps in the preschool children's vocabulary taken from this study can be incorporated into the child's vocabulary in this manner. For example:

park	marble	shower	body	cave
fountain	copper	storm	beard	office
lawn	silver	hail	smile	crowd
bench	steel	soldier	deck	club
garment	brass	army	echo	pole
cloak	clay	captain	needle	rod
gown	coin	officer	blade	pot
sole	cent	sword	blaze	cottage
boot	gem	arrow	city	furniture
vessel	pearl	trap	family	tower
	wine			

The words used to designate people may be taught through explanation of their relationship to the child and their relationship to each other. These words are:

husband	parent	gentleman	fellow	maiden
wife	grandmother	ladies	folk	neighbor
son	person	everybody	lad	student
cousin	men	nobody	maid	hero
Mr.	self	sir		
Mrs.	themselves			

The alert parent will find many other methods and situations whereby they can help their child to acquire the words which form the gaps in that particular child's vocabulary.

Note that the same word may be taught under various circumstances and in various situations. According to James Law of Frequency this is a wise plan. Also it will help the child with homographs where one

word has more than one meaning.

The writer recommends that further studies be carried out in the following fields:

1. Vocabulary studies of the modern preschool child.
2. A comparison of the vocabularies of children who attend nursery school and those who do not.
3. A study of the child's understanding of words included in his active vocabulary.
4. A frequency study of the spoken adult vocabulary.
 - a. within the home
 - b. outside the home.

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