

A CRITICAL ANALYSIS OF THE KANSAS PRIMARY SCHOOL
READERS.

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CHAPTER I.

THE PROBLEM AND ITS DEVELOPMENT.

The purpose of this study is to analyze and evaluate certain primary school readers as text-books for the use of beginners in reading, using for this purpose scientifically determined criteria, or when these are not available, accepted practice. Specifically the problem is the evaluation of the Kansas Primer, the Kansas First Reader, and the Kansas Second Reader as text-books for use in the first and second grades of the public schools of Kansas.

So many questions have been raised by teachers, school administrators, committees for selecting text-books, and authors of text-books, regarding the instructional value of material found in primary reading text-books that the writer's attention was directed to the desirability of using scientifically determined criteria so far as they have been determined, to evaluate primary reading text-books.

This study was begun with an open mind as to the instructional value of the Kansas primary readers. These books were selected as subjects of this study because of the direct interest of the writer and the assumed interest of other Kansas teachers in the books used in the schools of Kansas. The fact was recognized from the beginning of the study that the series of reading text-books of which the subjects of this study are a part, might be replaced by some other series of readers selected by the State Textbook

Commission before this study was completed.

A study of the literature of the subject shows that more than 500 investigations in reading have been reported in the last 30 years but a careful analysis of this literature will show that the most that may be claimed for it is that a good start has been made in the right direction. Some of the past investigations have been directed to the study of the materials of instruction in primary reading. The writer has been unable to find specific, workable instructions for evaluating all such material but some progress has been made in almost every phase of primary reading. In most cases where satisfactory scientific investigations have not been concluded data are available which show the recognized practice in primary reading instruction.

In the studies of reading reviewed by the writer no instance was found of the application of a complete technique for the evaluation of the materials for reading instruction, to the materials of a specific reading text-book.

Books purporting to furnish instructions for "Measuring text-books" (Spaulding) or for "The Selection of Textbooks"^{*52} (Maxwell)³⁹ are somewhat disappointing because they deal only with general principles but give no method for determining the presence of the elements in the reading material upon which the principles are based. e.g. Spaulding lists ten items as "Serving Reading Objectives". The first item is "Adequate, simple, and effective plan for the teaching of phonics". No instructions are given for determining the

* See Bibliography in the Appendix.

merit of a plan that might be offered for teaching phonics. Maxwell's "Selection of Textbooks" is also subject to the criticism just referred to.

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Uhl's book "The Materials of Reading", published in 1924, came to the writer's attention just in time for consideration for this study. This is the only study the writer has found that presents reports of the investigations of the materials of reading with a view of setting up standards to be applied in selecting reading materials. The plan for eval-

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uating reading materials proposed by Uhl "requires a consideration of each of the important features of the reading materials". Since the method of evaluating each feature of the reading material is described in detail, Uhl has offered fairly complete criteria for "selecting and organizing materials" for all the elementary grades.

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The writer has found Uhl's plan for rating "provisions for interests through which the level of pupil's reading can be raised" difficult to apply because of the composite character of the "joy-creating qualities" used in scoring these provisions. In the present study an attempt is made to use more elementary qualities for this purpose.

The plan for "The grading of the material" offered by

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Uhl has proved difficult to apply because there are several elements that determine the difficulties of each of the standard selections used in grading the material for difficulty. In this study an attempt is made to use more elemental criteria for evaluating the difficulty of the selections.

A review of the history of primary reading text-books from the origin of the primer in 1294 and the New England primer in 1701 to the present time revealed no scientific study related to the study of reading text-books until about 1900.

John Dewey published "The Psychology of Infant Language" in 1894. A number of definite studies of children's vocabularies have been made during the succeeding years. These studies have contributed immensely to our knowledge of the words which children use and understand. Gerlach reports the following studies of the vocabularies of children of pre-school age: Kirkpatrick 1891, Tracy 1893, Gale 1902, Whipple 1909, Lagenbeck 1915, Beyer 1915-16, George C. and Mrs. Brandenberg 1916.

Another type of study has more recently contributed information concerning vocabularies used by certain groups of children under specific conditions. The following studies are of this kind: W.Franklin Jones "A Concrete Investigation of the Material of English Spelling", Ernest Horn and Mrs. Ernest Horn's Studies of vocabularies of pre-school age, P.C.Packer's study of "The vocabularies of first grade children", and Edward L.Thorndike's "Teacher's Word Book".

Comparative studies of primers (first books), first readers, and second readers are reported by Selke and Selke, J.L.Packer, E.T.Housh, respectively.

Studies which deal with the kind and classification of reading material appropriate to different grades have been made by Starch in "The Content Of Readers", by Uhl in "The Scientific Determination of the Content of the Elementary School Course in Reading", by Fannie W.Dunn in "Interest Factors in Primary Reading Materials", by Grant and White in "Reading Interests Compared With Common School Readers", by Jordan in "Children's Interests in Reading", and by Vinal in "First Grade Readers".

The writer has not found very definite studies of what kind of illustrations are most appreciated by children.

Tanner and Huey each report some observations and suggestions. Gates reports a study of the illustrations of first books(primers and first readers).

Horn, Huey, and Bamberger report the work already done in the study of binding, typography, and the arrangement of material.

Studies of principles and methods of teaching reading to beginners are reported by W.S.Gray in "Remedial Cases in Reading ; Their Diagnosis and Treatment"; in "A Modern Program of Reading Instruction for Grades and High School"; and "Reading in the Elementary Schools of Indianapolis"; by Louise F.Specht in "A Kindergarten-First-Grade-Curriculum"; by Huey in " The Psychology and Pedagogy of Reading"; by Francis Jenkins in "Development of a Meaningful Vocabulary and of Independence in Word Recognition"; by Gates in "Problems in Beginning Reading"; by Thorndike in "The Teacher's Word Book"; by W.A.Smith in "The Reading Process";

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and by J.S.Taylor in "Principles and Methods in Teaching
Reading".

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Maxwell in "The Selection of Textbooks" and Spaulding
in "Measuring Textbooks" give general principles governing
the selection of text-books. In "Appropriate Materials for
Instruction in Reading" Horn recommends the types of mater-
ials which seem most likely to facilitate the accomplish-
ment of the purposes set up in the other sections of the (24th.,
N.S.S.E. Pt. I.) yearbook .

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Two standard vocabularies for evaluating reading vocab-
ularies are available, "The commonest words in the Spoken
Vocabularies of Children up to and Including Six Years of
Age" by Ernest Horn and "The Teacher's Word Book" by Edward
L.Thorndike. The latter is an alphabetical list of 10,000
words derived from 41 different sources which make a total
of 4,565,000 running words. These 10,000 words are each
given credit numbers according to their importance as indi-
cated by the number of times they are used in the sources
investigated. These credit numbers determined by Thorndike
range from 211 for the most frequent words to 3 for the
least frequent words in the list.e.g. The word 'in' has a
credit number of 211, 'hobble' and 'monastery' have credit
numbers of 3 each.

So far as the writer knows this list is the best means
of indicating the importance of words when rated according
to their general frequency in use.

The former of the two vocabulary studies named is made
up of words from three separate investigations of children's

vocabularies, viz. Ernest Horn's Studies of the "Spoken Vocabularies of Eighty Children Varying in Age from One to Six Years", Mrs. Ernest Horn's of "The Spoken Vocabularies of Kindergarten Children", and P.C.Packer's study of "The Spoken Vocabularies of First Grade Children". This composite list is recommended by Horn as a competent measure of vocabularies of beginners' reading books.

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Children's interests in reading are discussed by Horn,
 24 53 64 15 13 20
 Heggerty, W.A.Smith, Uhl, Gates, Field, Gray, Grant and
 21 53 65 63 1 38 45 41
 White, Taylor, Tanner, Tyler, Arnold, Lang, Parker, McMurray,
 37 28 12
 Klapper, Jenkins, and Dunn.

Chapter Five of the "Third Yearbook of the Department of Superintendence" of the N.E.A. and "The Twenty-fourth Yearbook of the National Society for the Study of Education" Part I. both of which deal with reading, have been invaluable to the writer in the present analysis since they were published and became available at the time when most of the material for this study had been collected.

CHAPTER II.

ANALYSIS OF THE MATERIALS FOR READING INSTRUCTION IN THE KANSAS PRIMER. THE KANSAS FIRST READER. AND THE KANSAS SECOND READER.

Apparently there is agreement now that a period of preliminary training of a half year or more should precede the child's introduction to formal reading. This training is expected to insure to the child an adequate oral vocabulary, free oral expression, and a sufficient fund of general knowledge. In addition, during the preliminary training period, the child is expected to learn to recognize 50 or more of the commonest words and to read short selections of his own composition. A time period, separate from the regular reading period should be set aside for training the child in oral vocabulary, language, and general knowledge.

The chief problem for the child during the next two years is the mastery of the mechanics of reading.

The mastery of the mechanics of reading involves:

- A. Ability readily to associate meanings with symbols of word and sentence construction.
- B. Ability to handle the book properly in turning the pages and while reading.
- C. A knowledge of the purposes and uses of the title, contents, pictures, and page numbers.
- D. Fixing right habits of study, eye movements, and accurate interpretation.
- E. Correct enunciation and expression.
- F. The ability independently to pronounce words and find their meaning both through the context and by use of the dictionary.

Learning to master the mechanics of reading is a difficult process in itself. In order to simplify and expedite the task of learning to read, the materials used should be developed from the child's natural interests. Until the mastery of the mechanics of reading is well under way the reading material should be based upon, and composed of words within the child's oral vocabulary. Reasonable allowance 53,62 should be made for growth of vocabulary and interests.

The Kansas Primer was adopted by the Kansas State Text-book Commission Nov. 4 - 1913 and was first used in 1914-15. The adoption was perpetual, which means that the book may be used indefinitely or may be discontinued by the commission at any time. This also applies to the five readers in the series adopted. The Kansas First Reader and the Kansas Second Reader were written by J.W.Searson, G.E.Martin, and Miss Achsah May Harris for the Kansas State Textbook Commission and were adopted Jan. 10 - 1916 and first used in 1917-18. The primer was written by Anna W.Arnett as a separate unit. The first reader was written to articulate with the primer which was previously adopted.

This is the eleventh year that the Kansas Primer has been in use in the schools of Kansas and the eighth year for the Kansas Readers. It is only fair to say that the authors in a letter to the writer acknowledged that the Kansas Readers are in need of some revision.

The reading material of the Kansas First Reader, the Kansas First Reader, and the Kansas Second Reader have been analyzed in this study :

- A. According to the extent to which provision is made for the types of material that are of interest to the children who are to use each of the books.
- B. According to the degree to which they provide for vitalized natural interests in the reading material.
- C. According to the provisions made "for interests through which the level of the pupil's social life can be raised".
- D. According to the opportunities for the child to learn to read within the scope of his oral vocabulary.
- E. According to the extent to which the illustrations are appropriate for assisting in the comprehension of the content read.
- F. According to how effective are the aids for the teacher and pupils in the use of materials in the books.
- G. According to such provision as the appropriate length of line, the type, leading, and quality of paper.
- H. According to the appearance, construction, and economy in cost of the text-books.

The writer has classified the reading lessons of each of the three Kansas primary readers as to types of composition included, and in the order that these types of composition interest young children. The latter is based on his interpretation of other investigations in this subject.^{12, 1, 20, 21, 55, 67.} These types are: (a) narration, (b) literature ('real' or 'true to nature'), (c) poetry, (d) unorganized material, and (e) literature ('unreal'). The last two types are regarded as of low or negative value in general for use in primary reading text-books.²¹

'Narration' includes such material as coherent stories involving experiences, descriptions, and dialog.

'Unorganized material' includes series or collections of somewhat isolated statements, exclamations, and conversations which lack coherent form and unity of theme.

Primary reading text-books should contain material that corresponds to the child's stage of mental maturity and development. With this point in view such material as "May, see, see! The swing, the swing! Come let us swing. You take Dolly Ruth. I shall swing you." as found in the Kansas Primer, page 26, must certainly seem 'unreal' and unlike any normal expressions used by children, therefore they are probably low in interest value for them.

The table that follows shows a distribution of the different types of reading material found in each of the three Kansas primary readers, with the number of lessons and the number of pages devoted to each type.

TABLE NO. 1.

DISTRIBUTION OF THE TYPES OF READING MATERIAL IN THE THREE KANSAS PRIMARY READERS.

Types.	Primer.		First Reader.		Second Reader.	
	Lessons.	Pages.	Lessons.	Pages.	Lessons.	Pages.
Narration	5	10	16	51	10	40
Literature (Real)	3	6	8	37	9	23
Poetry	4	7	55	51	78	73
Unorganized	52	70	3	4	2	3
Literature (Unreal)	3	23	10	30	17	67
Totals	66	116	92	173	116	206

Table No. 1 shows that the Kansas Primer contains five lessons of narrative reading material occupying ten pages, three lessons classified here as 'real' or 'true to life' literature occupying a total of 6 pages, and 4 lessons of poetry or jingles, occupying 7 pages, making an aggregate of 12 lessons of presumably interesting types of reading material and comprising 23 pages of the primer.

There are also 52 lessons of what may be called unorganized reading material occupying 70 pages, and 3 lessons of 'unreal' literature occupying 23 pages, making a total of 55 lessons of uninteresting types of reading material which gives an aggregate of 93 pages of the Kansas Primer. This means that 86 percent of the pages of reading material of the Kansas Primer is classed as not interesting or of doubtful interest to young children for whom the text is intended.

Table one also shows that the Kansas First Reader contains 16 lessons of narrative reading material occupying 51 pages, eight lessons classed as 'real' or 'true to life'

literature occupying 37 pages, and 55 poems occupying 51 pages, making a total of 79 lessons of interesting types of reading material occupying 139 pages of the Kansas First Reader. The unorganized material and 'unreal' literature occupy 34 pages or 20 percent of the content in the Kansas First Reader.

A question may be raised as to the propriety of devoting 51 pages to poetry in view of its reputed low interest value to young children. If poetry is counted as also of doubtful interest value, then 72 percent of the pages of reading material in the Kansas First Reader is of types of doubtful or negative interest to young children.¹²

The same table shows that the Kansas Second Reader contains a total of 97 lessons or 136 pages of 'interesting' reading material. This book also contains 70 pages or 34 percent of 'unorganized' or 'unreal' reading material.

The question may again be raised as to the propriety of devoting 35 percent of the pages of the book to poetry. If the poetry presented in this book is counted as mainly of doubtful interest value, then close to 69 percent of the pages of reading material in the Kansas Second Reader is of doubtful or negative value to the children who read it.

That the content must be within the child's comprehension and interest is stated in one form or another by practically all writers on primary reading. Dunn and Uhl have undertaken to select and classify the interests of children without apparently fully recognizing that the interests they list are frequently derived from

several sources, and usually include at least interest pertaining to 'subjects' and 'situations'. The skill of the author in selecting subjects and in creating interesting situations pertaining to the subjects used, taken together, probably determine in a large measure, the general interest 12 the story creates. Dunn recognizes that two interests may have opposite tendencies and so offset each other. It seems probable that at least part of the investigations reported deal with combinations of interests rather than with single interests.

In analyzing the reading lessons in the three Kansas primary readers the writer found that either 'animals', 'children' or 'adults' were subjects in practically all the lessons. Frequently two or more of them occurred as subjects in the same lesson. Practically every lesson included also some 'inanimate' subjects. Many lessons also contain more than one type of situation. Then the question arose- 'Do all subjects and situations mentioned in the lesson contribute to the interest in the lesson?' The answer seems to be, 'Yes, if they are associated in a natural manner and are readily understood by the child.'

The writer does not mean to say that interest in reading material depends entirely upon the number of subjects and situations introduced, because the skill used in associating subjects and situations plays an important part in developing interests as do also a number of other factors that will not be discussed here. However the reports of investigators seem to show that certain types of subjects and situations 12, 15, 21 tend to insure interest in reading material: For this reason the analysis made here of the interest elements in the

material in the three Kansas primary readers is based upon the number of types of 'subjects' and 'situations' which are introduced in the reading lessons in these books.

The writer has checked all the types of 'subjects' and 'situations' found in each lesson in each of the books in this study*. e.g. 'boys', 'animals', and 'inanimate objects' might be the 'subjects', and 'liveliness' and 'surprise' the 'situations' in a given lesson. In this case each of the three 'subjects' and the two 'situations' would be counted as interest factors in this lesson.

It was by no means easy to identify the subject theme in some of the poems.

Table No. 2 shows the different types of 'subjects' found in the reading material in these readers, arranged in the order of interest presented by Dunn. It also shows the number of lessons in which they are found, and the number of pages in these lessons. The classifications are not mutually exclusive by lessons as two or more types may be found in one lesson.

* A few of the 'subjects' and 'situations' listed here were suggested to the writer in Dunn's "Interest Factors in Primary Reading Material". The 'subjects' and 'situations' used in this analysis are those found by the writer in the reading material analyzed.

TABLE NO.2.

DISTRIBUTION OF THE TYPES OF 'SUBJECTS' FOUND IN THE READING LESSONS OF THE THREE KANSAS PRIMARY READERS.

Subjects.	Primer.		First Reader.		Second Reader.	
	Lessons.	Pages.	Lessons.	Pages.	Lessons.	Pages.
Animals	41	63	32	95	38	95
Boys	57	84	34	64	29	74
Girls	52	74	34	73	22	40
Adults	17	69	14	35	19	64
Inanimate things	44	43	84	170	103	203

Table No. 2 shows that the distribution of types of subjects in the three Kansas primary readers does not follow the order stated by Dunn. 'Boys' and 'girls' lead in frequency in the number of pages in the primer, with 'animals' second, and 'inanimate things' third. In the first reader and second reader 'inanimate things' leads in frequency in both lessons and pages, and 'animals' occupies second place in frequency of occurrence in number of pages in both the first and second readers. As the lessons increase in length there is a tendency for them to contain more varied types of subjects.

It may be assumed that reading lessons having many related subjects and situations tend to make a strong appeal to the interests of children. The next table shows the number of lessons that contain one, two, three, or more types of subject matter in the three Kansas primary readers.

TABLE NO. 3.

THE FREQUENCY OF TYPES OF 'SUBJECTS' PER LESSON IN THE THREE KANSAS PRIMARY READERS.

	No. of different types in same lesson.				
	1	2	3	4	5
Primer lessons	5	11	26	21	3
First Reader lessons	25	34	23	3	2
Second Reader lessons	66	15	28	4	1

The paucity of subjects in the first reader and second reader may be attributed to the large number of short poems in these two books.

In the next table the writer has presented the types of 'situations' found in the reading lessons in the three Kansas readers. They are arranged as nearly in the order of their appeal to the interests of children as could be determined from the various studies of children's interests in 12, 21, 27, 32 reading. This table also shows the number of lessons and pages in which these types of 'situations' occur.

TABLE NO. 4.

DISTRIBUTION OF THE TYPES OF 'SITUATIONS' THAT MAY CONTRIBUTE TO THE INTEREST OF READING LESSONS FOUND IN THE THREE KANSAS PRIMARY READERS.

Types of situations.	Primer.	First Reader.	Second Reader.	
	Lessons.	Pages.	Lessons.	Pages.
Surprise	6	24	22	73
Anticipation	5	15	24	86
Disappointment	3	12	22	85
Liveliness	53	106	34	95
Conversation	57	120	47	131
Satisfaction	4	16	10	41
Humor	4	17	17	42
Imagery	-	-	3	10
				41
				46

The succeeding table shows the number of lessons in the three readers that contain 0, 1, 2, or more types of situations.

TABLE NO. 5.

FREQUENCY OF TYPES OF 'SITUATIONS' PER LESSON IN THE THREE KANSAS PRIMARY READERS.

	No. of different types in same lesson.									
	0	1	2	3	4	5	6	7	8	9
Primer lessons	-	11	46	4	1	3	1	-	-	-
First Reader lessons	12	40	13	6	6	7	7	1	-	-
Second Reader lessons	27	32	23	12	15	3	2	1	-	1

'Liveliness' and 'conversation' comprise 83 percent of the total number of types of situations found in the primer lessons, and 73 percent of the pages. Those two types of situations occur generally in the same lessons. The same tendency for these two types to predominate seem to prevail in the first reader but not to such a degree.

If the number of 'situations' presented in a lesson is any indication of the interest developed, the 9 lessons in the primer having from 3 to 6 types of situations suggest a marked contrast to the 57 lessons having only one or two types of situations. A greater contrast exists between the 21 lessons having from 3 to 7 types of situations and the 65 lessons having from 0 to 2 types in the first reader. Or the 34 lessons in the second reader having from 3 to 9 types of situations and 82 lessons having from 0 to 2 types.

'Surprise' and 'conversation' are the dominating situations in the pages of the second reader. 'Imagery' and 'liveliness' occur in the greater number of lessons because

these occur almost to the exclusion of other situations in the short poems which are so numerous in this book.

Literature and the longer narratives contain the types of situations that appear to be rated highest in interest value.

Table No. 6 shows the elements in the reading lessons in the Kansas primary readers that seem useful for improving the child's social relations*. It also shows the number of lessons and the number of pages in which these elements occur.

TABLE NO. 6.

DISTRIBUTION OF THE "SOCIAL ELEMENTS" FOUND IN THE KANSAS PRIMARY READERS.

Social elements.	Primer. Lessons.	First Reader. Pages.	Second Reader. Lessons.	Second Reader. Pages.
Kindness	1	13	9	27
Bravery	-	-	1	2
Patriotism	2	2	3	3
Religion	1	3	2	2
Affection	5	12	5	11
Duty	1	3	9	18
Honesty	2	3	-	-
Politeness	-	-	-	-
Gratitude	-	-	-	6

The presence of expressions of worthy sentiment and social ethics by means of which children are subconsciously directed to higher social levels is generally conceded to be a factor that contributes to the social worth of reading material.

The writer has found no attempt to evaluate these factors. Educators concede that they are very susceptible of development through direct and indirect teaching,

* Uhl, "The Materials of Reading" Ch.XIV. Page 376.

especially during the primary school age. Considering the value of such training a question may be raised as to the adequacy of such material as that provided by the Kansas primary readers.

Data relative to the vocabularies employed in the Kansas Primer, the Kansas First Reader, and The Kansas Second Reader presented in the Tabular Array on page are:

1. The words of the Kansas primary readers arranged in alphabetic order in the first column.
2. The credit number of words found in the Thorndike word list is placed in the second column.
3. An(*) asterisk in the third column indicates that the word to which it refers occurs in "Horn's List of the Commonest Words in the Spoken Vocabulary of Children Up to and Including Six Years of Age"
4. The fourth column shows the number of times the word occurs in the Kansas Primer.
5. The fifth column shows the number of times the word occurs in the Kansas First Reader.
6. The Sixth column shows the number of times the word occurs in the Kansas Second Reader.
7. The seventh column shows the total number of times the word occurs in the three books.

Note. The form of words produced by adding or omitting the letter 's' are counted together in this analysis. e.g. 'book' and 'books', 'work' and 'works'.

TABLE NO. 7.
DISTRIBUTION OF THE FREQUENCIES OF THE WORDS WHICH
COMPOSE THE VOCABULARIES OF THE THREE KANSAS PRIMARY
READERS.

Scale of frequencies.	Number of words.			Cumulative totals.		
	Primer.	First.	Second.	Primer.	First.	Second.
151-1520	4	8	27	1034	2265	5795
141- 150	2	1	2	295	143	294
131- 140	0	1	1	0	132	136
121- 130	0	1	1	0	125	128
111- 120	1	0	3	112	0	350
101- 110	1	0	5	109	0	526
921- 100	1	0	5	99	0	467
81- 90	0	10	12	0	845	1007
71- 80	6	2	5	445	144	381
61- 70	6	3	8	392	193	521
51- 60	1	11	19	56	590	847
41- 50	14	13	29	623	577	1006
31- 40	16	27	28	558	963	963
21- 30	19	52	69	465	1308	1693
11- 20	77	99	149	1180	1482	2182
1- 10	299	856	1535	1230	2489	4231
Totals	447	1084	1866	6597	11656	20047

Sixty-seven percent of the words (299) in the words in the primer, seventy-nine percent of the words (856) in the first reader, and eighty-two percent of the words (1866) in the second reader are used from 1 to 10 times.

Two hundred ninety-one words are common to the three books. Fifty-two words are found only in the primer. Sixty-one words are found only in the first reader.

There are 1181 words that are used less than 10 times each and that occur in only one of the books. There are 735 words that are used only once in the three books.

The question of the number of times words should be used in a primary reading text-book involves many considerations. For the purposes of this study the child's need of the word will receive special attention. If only words for which the child has immediate use are included in the

reading books, bonds which exist facilitate learning them and even if the word appears infrequently in the book such drill as is necessary for recognition is justified.

SUMMARY OF THE RESULTS OF THE ANALYSIS OF THE VOCABULARIES OF THE THREE KANSAS PRIMARY READERS.

An analysis of the vocabularies of the three Kansas primary readers as shown in table 7 indicates that there are:

- A. 447 different words in the Kansas Primer.
- B. 1084 different words in the Kansas First Reader.
- C. 1866 different words in the Kansas Second Reader.
- D. 3397 different words in the three Kansas primary readers.
- E. 6597 running words in the Kansas Primer.
- F. 11656 running words in the Kansas First Reader.
- G. 20047 running words in the Kansas Second Reader.
- H. 39300 running words in the combined vocabularies.

A comparison of the vocabularies of the Kansas primary readers with the vocabularies of readers of corresponding grade in other studies was also attempted here merely to show the general status of the Kansas readers. Comparisons with other reading text-book vocabularies may not measure the value of the Kansas reading books except in so far as a consensus of opinion may tend in that direction, because no reading text-book has been accepted as a standard.

From data derived from the preceding analysis of the vocabularies of the Kansas primary readers one is enabled to make comparisons of the number of different words in the vocabularies, and the number of words of various frequencies in these books with similar data found in studies of books of corresponding grade.

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Selke and Selke analyzed the vocabularies of twelve primers in common use. Table No. 8 compares some facts concerning the numbers of words in these two vocabularies studied.

TABLE NO. 18.

COMPARISON OF THE VOCABULARIES OF TWELVE PRIMERS WITH THE VOCABULARY OF THE KANSAS PRIMER.

Book.	No. of words in vocabularies.	Percent used under ten times.	Percent used only once.
12 Primers - Range 157-630 Med. 411	Range 23-78 Med. 65	Range 3-34 Med. 16	
Kan.Primer - Actual 447	Actual 60	Actual 19	

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J.L.Packer made a study of the vocabularies of ten first readers in common use. Only the combined vocabulary is reported. Table No. 19 compares the data obtained from Packer's study with similar data obtained from the analysis of the Kansas First Reader.

TABLE NO. 19.

COMPARISON OF THE VOCABULARIES OF TEN FIRST READERS WITH THE VOCABULARY OF THE KANSAS FIRST READER.

Books.	Different words.	Percent used under 5 times.	Percent used once.
Ten First Readers	3541	57.8	30.
Kan. First Reader	1084	60	34.

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The report of Housh's analysis of the vocabularies of ten second readers states only the number of words used one, two, and three times, and the percent these words are of the vocabularies of each book.

TABLE NO. 10.

COMPARISON OF THE VOCABULARIES OF TEN SECOND READERS
WITH THE VOCABULARY OF THE KANSAS SECOND READER.

	No. of words in vocabularies.	Percent used once.
Ten second readers - - - - -	(Range 1468-1902 Med. 1596)	Range 21.66-43.47 Med. 34.07
Kans. Second Reader - - - - -	Actual 1084	Actual 37

The Kansas Primer contains 36 more words than the median number of words in the ten primers in the study of Selke and Selke. It has a 5 percent lower rate of words used under 5 times, and a 3 percent higher rate of words used only once.

The Kansas First Reader contains 2.2 percent higher rate of words used under 5 times than are used in the total vocabularies of ten first readers in Packer's study, and a 4 percent higher rate of words used only once.

The Kansas Second Reader contains two thirds of the median number of words of the vocabularies of ten second readers in Housh's study, and 2.7 percent higher rate of words used only once.

Word List No. 1 page 80, shows the words common to ten second readers in Housh's study. All but 12 of these words are found in the combined vocabularies of the three Kansas primary readers; all but 17 in the second reader; and all but 62 in the First reader. (See Tabular Array page 36). Housh's list contains 96 of the first 100 of the Thorndike list, and 82 percent of the Housh list are in the first 500 of the Thorndike list.

The first 100 words in the Thorndike word list are presented in Word List No. 2, page 83. Both the credit number of each word and its frequency in each of the three primary readers is shown. These credit numbers range from 49 to 211. Eighty-three of these words are found in the primer, 93 in the first reader, and 100 in the second reader. The importance of these words is shown by the fact that these words and their repetitions make almost exactly 50 percent of the running words of the three books. The purpose of Table No. 11 is to indicate the general relation of the vocabularies of the three Kansas primary readers to the two standard vocabularies by which they are to be measured.

TABLE NO. 11.

DISTRIBUTION OF THE VOCABULARIES OF THE THREE KANSAS PRIMARY READERS AND THE HORN WORD LIST ACCORDING TO THE RATINGS OF THE THORNDIKE WORD LIST.

Book.	Vocabulary.	In first 100	In first 500	Not in Thorndike list.
Kans. Primer	447	93	221	18
Kans. First Read.	1084	98	375	31
Kans. Second Read.	1866	100	345	84
Horn List	1012	92	418	34

Comparison of the vocabularies of the primary readers, evaluated according to the Thorndike word list, (See Tabular Array of the Vocabularies, page 36) shows that with the exception of unusual and made-up words such as are frequently found in poetry, fables, and folk stories (See also word list No. 3 and 4, pages 85, 86) practically all the words in these vocabularies are found in the Thorndike word list.

The bulk of the increment in vocabulary of the second reader above the vocabularies of the primer and first reader consists of additional forms of words already introduced in the primer and first reader. The remainder of the increment are chiefly proper names and words introduced in literature and poetry.

Word list No. 3 was arranged as an aid in identifying the words of low Thorndike rating and in selecting the lessons which contain this type of words.

TABLE NO. 12.

DISTRIBUTION OF THE WORDS IN WORD LIST NO. 3.

	Number of times used.				Total
	1	2 to 5	6 to 10	11 to 59	
No. of words - 73	46	13		9	141

This table indicates that the combined vocabularies of the three Kansas primary readers have 141 words which are rated below 169 in the Thorndike list, of these 73 are used once, 46 are used from 2 to 5 times, thirteen are used from 6 to 10 times, and 9 are used from 11 to 59 times in the three readers.

A check of these words shows that 71 percent of them are obtained from literature and poetry.

The 121 words used in the Kansas primary readers that are not found in the Thorndike word list are shown in word list 4 (page 86) and the distribution of these words according to their frequencies is shown here.

TABLE NO. 13.
DISTRIBUTION OF THE WORDS IN WORD-LIST NO. 4.

Book.	Number of times words are used.				Total,
	1 to 5	6 to 9	10 to 33?	Total,	
Primer	14	3	-	17	
First Reader	15	2	5	22	
Second Reader	65	9	7	82	

The writer found that with only a few exceptions these words occur in poetry, folk stories, or fables, and that the more fanciful and unreal selections are the most fruitful sources of words not found in the Thorndike list.

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According to Thorndike's statement in "Word Knowledge" the Thorndike word list is based partly on words found in school readers in common use, and very largely upon literature written for adults. For these reasons many of the words beyond the first 500 in the Thorndike list and apparently near 100 of those included in the first 500 of the list do not belong in the natural oral vocabularies of beginners in reading. The Kansas First Reader contains only 375 of these words and the Horn list contains only 418 of them. In addition to the distinctly new words that are not included in the child's oral vocabulary, the Thorndike word list includes many variants along with the simple form of the word. This adds materially to the actual number of words included in the first 500 that, according to investigations, are used infrequently or not at all by young children.

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Although the Thorndike word list is valuable as a guide in studying more advanced vocabularies of elementary school

children, and of some value in studying primary reading vocabularies, the list is too mature to use in evaluating the vocabularies of reading books to be read by children in the first grade.

The Horn list of "The Commonest Words in the Spoken Vocabularies of Children Up to and Including Six Years of Age" included chiefly those words used by children of the first grade. A study of table No. 11 on page 26 will show that these words are rated high in the Thorndike word list. The Horn list contains 98 words of the first 100, and 418 words of the first 500 words in the Thorndike list. Only 34 of the 1012 words of the Horn list are not included in the Thorndike list. Thus it appears that the two standards are fairly coordinate so far as the Horn list extends.

The vocabularies of the Kansas Primer and the Kansas First Reader are combined in this study, for comparison with the Horn list because they represent the vocabularies of text-books intended for use by six-year-old children. Word list No. 5 contains all the words of the Kansas Primer and first reader not found in the Horn list, showing the number of times each word is used in the two books. An asterisk (*) is placed after each primer word. This list shows that there are in the primer and first reader an aggregate of 467 different words. This is exclusive of 40 proper names that are not found in the Horn list. (See Word List No. 5, page 88). Of these words 241 are used only once, while 111 are used 2, 3, or 4 times each.

This list shows that 110 words in the primer, or one out of 4 of the different words used, are not found in the Horn list, and accordingly are probably not ordinarily used by children in the first grade. A check of the Horn list shows that it contains 748 words not in the Kansas Primer. In other words 26.1 percent of the Horn list are used in the primer. The Kansas First Reader contains 397 words, or one in less than 3 of the different words that are not found in the Horn list, and accordingly are not ordinarily used by children in the first grade. A check of the Horn list shows that the Kansas First Reader contains 56.12 percent of the words in the Horn list.

Some words not found in the Horn list are given undue importance by being used many times. e.g. Billy-Goat-Gruff is used 21 times; coo 13 times; Drunkin 12 times; lambkin 22 times; moo 26 times; fox 32 times; troll 29 times; and oh 43 times.

An example of overmature words (words not in the Horn list) used in poetry is found in the first lesson in the second reader. Eleven of these words occur in this lesson only once, ten of them occur only once in the three readers, two are not found in the Thorndike list, the remaining 9 are rated in this list from 7 to 59. The words are: army, plumes, guns, sorts, captain, proudly, ahead, prances, legions, make-believe, and Good-children.

The educational value of pictures and the pleasure they afford to children are generally recognized. The Number, size, and position of the illustrations used in the three

readers are shown in the next table, and the number of colors used and their frequency will be indicated in the succeeding table.

TABLE NO. 14.

NUMBER, SIZE, AND PERCENT OF ILLUSTRATIONS IN THE KANSAS READERS ANALYZED.

Dimensions.	Number of pictures in-				
	Primer.	First reader.	Second reader.	Primer.	Reader.
.01" to 1" Across the page	-	-	2	3	1
1.01" to 2"	"	"	42	6	6
2.01" to 3"	"	"	26	34	27
3.01" to 4"	"	"	7	12	23
4.01" to 5"	"	"	1	0	4
FULL page illustrations	-	-	2	1	1
Pictures at side of the page	-	-	11	11	16
Pictures cut down at one side from the top	-	-	9	0	0
Sum in pages of pictures	-	-	30	24.5	32.33
Percent pictures are of all the pages of the reader	-	-	24	13.9	15.7

TABLE NO. 15.

COLORS USED IN READING BOOK ILLUSTRATIONS.

Book.	Colors used.				
	Pink.	Blue.	Green.	Yellow.	Black & White.
Primer	-	72	-	21	4
First Reader	-	22	15	3	10
Second Reader	-	40	19	-	-

The illustrations used in the three Kansas primary readers are abundant and appropriate to the stories they illustrate. Thoughts, actions, and emotions are vividly portrayed. However the lines of print are broken by the pictures in all three books.

The usefulness of a primary reading text-book depends very much upon the quantity and arrangement of the materials offered, in addition to the reading lessons, for aids in instruction and in learning to read. Table No. 16 shows the aids and devices offered in the Kansas primary readers.

TABLE NO. 16.

AIDS AND DEVICES PRESENTED IN THE THREE KANSAS PRIMARY READERS.

Aids and devices.	Primer.	First Reader.	Second Reader.
Table of Contents - - - - -	No	Yes	Yes
Suggestions to teachers - - - - Yes	Yes	Yes	Yes
List of phonetic words - - - Yes	Yes	No	No
List of sight words - - - Yes	Yes	No	No
Table of consonant sounds and phonograms - - - - -	Yes	No	No
Vocabulary (?) - - - - -	Yes	Yes	Yes
Stories to be read or told by the teacher - - - - -	Yes	No	No
Memory verses - - - - - (With some lessons)	Yes	No	No
Word lists following the lesson	Yes	Yes	Yes
Questions on the lesson - - No	No	Yes	Yes
Instructions for teaching action and expression - - - No	No	Yes	Yes
References to other stories - - No	No	Yes	Yes
Music for songs - - - - Yes	Yes	No	No
Introduction to lessons - - - No	No	Yes	Yes

The Kansas Primer is not provided with a 'Table of Contents'.

Brief 'Suggestions to teachers' are presented in each of the books.

Provision should be made for aid in word recognition in the first reader and second reader.

Neither books contains a complete list of the words introduced for the first time in the book. There are 234

words introduced in the primer and first reader that are not accounted for in the word lists or 'vocabularies' printed in the last pages of these books. There is no reason given for the omission of these words. These words are presented in word list No. 6, page 92.

It occurs to the writer that if the 'stories to be read or told' and the 'memory verses' are not to be read by the children but by the teacher, they should be collected in one section of the book or, better, in a separate manual for the teacher's use. If they are to be read by the children they should be printed in suitable type for children to read.

If the word list in the back of the books were complete and arranged by pages or lessons in which the words occur, the lists of words following the lessons might not be needed.

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Norm questions the advisability of introducing 'questions', 'instructions', and 'word lists' at the end of the lessons. Doubtless they represent a tendency toward formalization of instruction.

'Introductions to lessons' seem of doubtful value if the lessons are written in words of the child's oral vocabulary and the thoughts expressed are within the pupil's understanding.

It is important that the type, leading, and length of line be so adjusted as to offer the minimum difficulty to the child's comprehension of the meaning of the printed characters. The characteristics of the type, leading and length of line in the Kansas Primary Readers are shown in the following table.

TABLE NO. 17.

SIZE OF TYPE, WIDTH OF LEADING, AND LENGTH OF LINE
USED IN THE THREE KANSAS READERS.

	Primer.	First Reader.	Second Reader.
Height of type	2.6 m.m.	2.6 m.m.	2. m.m.
Width of leading	3 to 7 m.m., Med. 5 m.m.	5 to 8 m.m., Med. 5 m.m.	3.5 to 4 m.m. Med. 4 m.m.
Length of line	102 m.m.	92 m.m.	93 m.m.

There can scarcely be said to be any uniformity as to length of line in the primer, and the same is true of the first reader. In both these books the author has employed irregular length lines in preference to breaking a phrase at the end of a line. On one page in the first reader the leading varies in width from 5 m.m. to 8 m.m.

SUMMARY AND CONCLUSIONS.

The analysis of the reading content of the three Kansas primary readers deals with the types of reading material comprised in these books, the types of interests involved, the extent and adequacy of the vocabulary, the character of illustrations, and the factors pertaining to the mechanics of organization and construction.

1. This study seems to indicate that 86 percent of the content of the primer, 33 percent of the content of the first reader, and 34 percent of the content of the second reader are in general not well adapted to the needs of the pupils who use these books.

2. It appears from this study that 80 percent of the content of the primer, 33 percent of the content of the first reader, and 45 percent of the content of the second reader present types of 'subjects' and 'situations' which have low or negative interest value for young children.

3. Comparison shows that the primer contains 26.1 percent of the words in the Horn list. Twenty-five percent of the words in the primer are not found in the Horn list. The analysis of the vocabulary shows that 67 percent of the words in the primer are used from 1 to 10 times. The first reader contains 56.12 percent of the words of the Horn list. Thirty-eight percent of the words in this book are not found in the Horn list. Seventy-nine percent of the words are used from 1 to 10 times in the book. The second reader contains all of the first 100, and 446 of the first 500

words in the Thorndike vocabulary list. Eighty-two percent of the words are used from 1 to 10 times.

4. There appear to be some questions as to the instructional value and the location of memory verses, questions, instructions for teaching, and word lists provided in these books.

5. As measured by standards reported by investigators of primary reading material, the physical make-up of the books is generally satisfactory.

6. As compared with books of corresponding grade in other series, the Kansas primary readers differ very little with respect to the distribution of the frequencies of use of the words in their respective vocabularies.

7. These books do not appear to contain suitable types of reading selections, appropriate vocabularies, or provision for repetition of words according to their educational value to the child.

TABULAR ARRAY OF THE VOCABULARIES OF THE KANSAS PRIMER,
 THE KANSAS FIRST READER AND THE KANSAS SECOND READER.

Words	Thorndike credit number.	List Horn number.	List..	First Reader			Total
				Prim.	Reader	Second Reader	
a	208-1a1	*		150	333	431	911
able	70-1b					1	1
a-blowing						3	3
abed	5					1	1
aboard	15-4b					1	1
a-boating						1	1
about	172-1a1	*		4	12	12	28
above	101-1a3	*			12	3	15
across	84-1a5	*			4	10	14
act	70-1b	*		2		2	4
acted						2	2
afar	11-5b					1	1
afloating						1	1
afraid	54-1b	*			5	14	19
after	158-1a1	*		16	11	22	49
afternoon	59-1b	*				1	1
afterward	44-2a				2		2
again	151-1a1	*		3	7	25	35
against	114-1a1					6	6
ago	74-1b			1	1	6	8
agreed	47-2a		*			1	1
ah	40-2a		*			3	5
ahead	20-3b				1	2	3
aid	47-2a					1	1
air	91-1a4	*		4	1	5	10
alas	25-3a	*				3	3
Alice	19-3b				5	4	9
alive	41-2a				1	3	4
all	203-1a1	*		25	53	43	121
almost	90-1a4	*				4	4
alone	89-1a4	*			1	3	4
along	99-1a3	*			5	22	27
already	73-1b	*				2	2
also	119-1a2				4	11	15
always	94-1a4	*			6	12	18
am	91-1a4	*		43	51	40	134
among	106-1a3				2	7	9
Amy	6				4		4
an	181-1a1	*		3	8	18	29
and	210-1a1	*		230	347	717	1294
angry	47-2a				1	4	5
animal	70-1b	*				11	11
another	116-1a2	*			4	10	14
answer	91-1a4					6	6
answered						21	27
ant	16-4a	*			6	8	14
anvil	10-5b					1	1
any	158-1a1	*			5	6	11
anybody	21-3b	*				3	3
anything	58-1b	*				6	6

anyway	14-4b	*		1	1	1
appear	70-1b			1	1	1
appeared				1	1	1
apple	78-1a5	*	7	20	2	29
apron	22-3b	*		1	1	1
are	183-1a1	*	61	46	1	108
arms	96-1a3	*		8	6	14
army	59-1b				1	1
around	95-1a3	*		4	7	11
arrant	7				1	1
as	204-1a1	*	8	52	104	164
a-sailing					2	2
ashamed	29-2b				2	2
ashes	23-3a				1	1
ashore	16-4a				1	1
ask	94-1a4	*		3	5	8
asked				4	14	46
asleep	48-2a	*	1	2	15	18
asleeping					1	1
asters	3				3	3
at	203-1a1	*	11	26	93	130
ate	33-2b	*		7	13	20
atmosphere	11-5b				1	1
attic	10-5b				2	2
aunt	40-2a	*		7		7
automobiles	33-2b	*		1		1
autumn	35-2b				3	3
awake	41-2a	*		1	2	3
away	125-1a2	*	56	40	47	143
awoke	13-5a				1	1
baby	61-1b	*	16	42	15	73
Baby-Land				5		5
Baby-Ray					25	25
baby's				1	11	12
bachelor's	8				1	1
back	133-1a2	*		12	23	35
back-bedroom					1	1
backward	22-3b	*			11	11
bad	82-1a5	*			2	13
badly					1	1
bag	57-1b	*		10	5	15
bake	41-2a	*		6	2	8
baker	18-4a				7	7
balanced	31-2b				3	3
ball	76-1a5	*	17	5		22
ballads	8				1	1
balloon	5	*			1	1
band	57-1b	*			1	1
bang	10-5b	*			1	1

big	89-1a4	*	16	53	18	86
bill	67-1b	*		1	1	2
billows	12-5a				1	1
Billy	23-3a			19	24	43
Billy-Goat Gruff				21		21
Billy's				1		1
bin	6			2	1	3
bind	36-2a				1	1
bird	79-1a5	*	17	14	32	63
birdies	9		1	1		2
birthday	34-2b	*	2	2	1	5
bit	50-1b	*		1	2	3
bite	37-2a	*			3	3
black	99-1a3	*	3	10	10	23
black-birds	10-5b	*		1		1
black-smith	24-3a				15	15
blade	30-2b				2	2
blanket	15-4b	*		1		1
blast	24-3a			1		1
blazing	28-2b			1		1
bleat	12-5a			3	1	4
blew	27-3a			2		4
bloom	34-2b				2	6
blossom	38-2a				2	2
blow	84-1a4	*	6	12	19	37
blower					1	1
bloweth					1	1
blown					1	1
blue	82-1a5	*	2	10	16	28
blue bird	6	*			6	6
blush	23-3a				1	1
board	71-1b	*		3	1	4
boat	58-1b	*			11	11
Bob	21-3b			5		5
Bobs					13	13
Bobby	8				11	11
body	83-1a5	*		1	1	2
boil	37-2a	*			2	2
boiling				3	1	4
bold	42-29				1	1
bonfires	5				6	6
boo	4				1	4
book	114-1a2	*	9	3	5	17
boots	31-2b			1	2	2
boo-hoo					2	1
boo-woo					1	1
Bo-peep	8		2			1
bore	35-2b					1
born	59-1b				1	1
borrow	27-3a					1

both	115-1a2	*		1	9	10
bother	16-4a	*		1	1	1
bough	23-3a			1	1	1
bounces	7			1	1	1
bound	46-2a				1	1
bow	59-1b	*	20	1	1	20
bowers				7		2
bowl	45-2a			4		7
bow-wow						4
boxes	75-1a				1	1
boy	122-1a2	*	63	33	28	124
boy's					4	4
brake	23-3a	*			1	1
branch	63-1b				3	3
brave	55-1b	*		2	3	3
bread	78-1a5	*	14		18	22
break	73-1b	*			8	2
breakfast	50-1b	*		1	5	6
breath	44-2a			1	1	1
breast	44-2a	*		2	2	2
breeze	25-3a				1	1
breezy	5				6	1
bridge	64-1b	*		17	20	22
bright	74-1b			2	1	1
bright-edged					7	22
bring	110-1a3	*	7	3	7	17
bringeth				1	1	1
bringing					1	1
brisk	12-5a				1	1
broad	54-1b				1	1
broadest					4	5
broke	28-2b	*			7	12
broken	59-1b	*			5	12
brook	52-1b				3	2
broom	21-3b	*			2	16
brother	87-1a4	*	4		6	2
broth	5				2	7
brought	76-1a5	*	2		6	31
brown	69-1b	*			9	27
brownest					7	3
brownies	11-5b				1	2
brushed	38-2a				1	1
brushing					1	1
buds	29-2b				7	1
build	77-1a5				1	6
building	57-1b	*			1	6
built	55-1b	*			3	6
bunnies	4				3	6
bunny	7				7	7
bunting					1	1
burn	77-1a5				7	7

climb	47-2a	*	3	4	7
climbing			1	1	1
cling	12-5a		1	1	1
cloak	30-2b		6	1	6
clippety			1	1	1
close	105-1a3		2	2	2
closed			2	2	2
cloth	54-1b	*	8	10	10
clothes	68-1b	*	3	12	12
cloud	67-1b	*	3	1	1
cloud-birds					1
cloudy	19-3b		5	1	1
clover	14-4b		1	1	6
clown	7	7	1	7	7
clumsy	6		1	1	1
Clytie			7	1	1
Clytie's			2	2	2
coach	29-2b		1	17	18
coal	57-1b	*	7	12	19
coat	74-1b	*	1	1	1
coarse	27-3a		1	1	1
cobbler	12-5a		1	1	1
cobble's			3	3	3
cobwebs	6		2	3	3
cock	39-3a		1	4	4
cock-a-doodle-do				8	8
Cocky-Locky					8
cold	104-1a3	*	18	13	36
color	84-1a5	*	5	2	2
come	151-1a1	*	64	35	181
comical	4			1	1
coming	69-1b	*	8	9	39
conceal	23-3a			1	1
confess	25-3a			1	1
coo	8		13		13
cook	57-1b	*	1	10	11
cookies		*		10	10
cooky	7			1	1
cool	61-1b			1	14
cooler				1	1
coral	13-5a			1	1
Coralie				1	9
Coralie's				2	2
corn	78-1a5	*	1	4	15
corner	69-1b	*		7	7
cottage	28-2b			1	1
could	123-1a2	*	6	21	50
couldn't	21-3b	*		1	3
counted	66-1b			1	1
counterpane				2	2
country	110-1a3	*	1	2	5

dare	59-1b				2		
daring	8				2		
dark	83-1a5			4	12		16
darling	23-3a			1		1	1
darlingest					1		1
dart	27-3a				1		1
daughter	64-1b				1		1
day	176-1a1	*	12	62	53	127	
dead	80-1a5				5		5
deal	63-1b			1	1		2
dear	87-1a4	*	10	21	19		50
dearest					1		1
deeds	46-2a				1		1
deep	91-1a4	*			10		10
deer	25-3a				1		1
delight	58-1b				2		2
den	25-3a			6	7		13
desert	41-2a			1		1	1
dew	32-2b			1	3		4
diamond	37-2a			1	6		7
Dick	28-2b			14			14
did	140-1a2	*	25	20	54		99
didn't	25-3a	*		1	1		2
die	102-1a3	*		2	1		3
different	63-1b	*			2		2
dim	25-3a	*		1			1
dimpled	8	*			2		2
din	13-5a			1			1
dining	34-2b				1		1
dinner	70-1b	*		5			10
dipped	25-3a				3		3
dipper	10-5a				1		1
disgrace	19-3b				3		4
dish	48-2a	*		1			1
distance	60-1b			1			1
ditch	27-3a				1		1
dizzy	9						1
do	180-1a1	*	43	45	108		196
doctor	51-1b	*			22		22
does	101-1a3	*		7	3		18
doesn't	22-3b	*			2		4
dog	73-1b	*	27	17	29		73
doggie					7		7
doing		*			1		1
doll	28-2b	*	7	6	3		16
dollies					1		1
doll's					1		2
Dolly	13-5a	*	5	3	3		8
dolly's					3		3
Don	7		17	15			32
done	98-1a3	*		2	5		7

donkey	17-4a	*		9	9
don't	50-lb	*	3	25	53
door	107-la3	*	1	7	24
doorstep	4			2	4
dove	24-3a			13	20
down	144-la2	*	7	25	99
down-hill				1	1
downy	5			1	4
dozen	43-2a	*		1	4
drake	7			1	2
drank	15-4b			2	4
drawing	89-la4			2	4
drawn	15-4b			2	4
dream	69-lb			4	8
Dream-land				8	1
dress	99-la3	*		16	20
dressed				7	7
dresses			3	2	6
drew	36-2a			2	3
drills	28-2b			1	1
drive	86-la4	*	16	2	1
driven				1	1
driving			1	4	4
drink	79-la4	*		6	7
drop	75-la	*		3	3
dropped				1	1
drove	31-2b			3	1
drowned	39-2a			1	1
drum	33-2b	*		2	1
Drumkin		*		9	9
dry	69-lb	*		5	3
duck	35-2b	*		6	3
duck-pond				2	2
Ducky-Lucky				8	8
dug	19-3b			1	1
dusted	51-lb			1	1
Dutch	26-3a			2	2
dye	17-4a			9	9
each	142-la2	*		2	11
ear	77-la5	*		4	12
early	92-la4	*		9	14
earth	84-la5	*		4	5
ease	35-2b			1	1
east	75-la5			6	6
Easter	16-4a	*		7	10
easy	68-lb	*		1	1
eat	88-la4	*	8	20	87
eaten			5	4	9
eating				4	7
eaves	10-5b			3	1
echoes	28-2b			1	1

egg	78-1a5	*		12	20	32
eight	70-1b	*	1	3	12	5
either	70-1b	*		2	2	2
elfman				3	1	5
else	60-1b	*		1	4	1
enchanted	13-5a	*		1	5	4
end	126-1a2	*		1	5	1
ended				4	1	9
enough	104-1a3	*		4	4	1
ere	40-2a			1	5	4
Eskimos	4		4	1	4	3
even	117-1a2	*		3	3	16
evening	74-1b			1	3	42
ever	117-1a2	*		16	26	5
every	151-1a1	*			2	2
everybody	33-2b	*			10	10
everyone	19-3b	*			4	4
everything	61-1b	*			1	1
everywhere	27-3a				1	1
except	68-1b				2	2
exclaimed	27-3a				1	1
excuse	31-2b				1	1
explain	39-2a				1	1
eye	120-1a2	*		7	2	2
face	107-1a3	*	5	1	1	27
faded	35-2b			4	6	1
faint	36-2a			2	1	1
fair	114-1a2	*		1	1	1
fairies	34-2b			1	2	2
fairy				16	6	16
fall	126-1a2	*		4	6	10
fallen	20-3b			2	1	3
falling				16	8	8
far	115-1a2	*		1	4	20
fare	38-2a			1	1	1
farmer	59-1b	*		1	5	6
Farmer-Brown's				1	1	1
farmyard	7				1	1
farther	40-2a				9	9
fast	79-1a5	*		14	12	35
fastened	33-2b				8	3
faster					7	3
fat	50-1b	*		12	7	14
father	114-1a2	*	23	19	5	22
father's				12	7	42
fatter				8	7	9
favor	61-1b			7	1	7
Fay			3	1	1	1
fear	79-1a5			2	2	3
feathers	45-2a	*		1	1	3
feed	63-1b	*		2	2	4
feeding			4	2	2	3

feel	88-1a4	*	3	3		
feet	82-1a5	*	2	18	20	
fell	67-1b	*	11	12	23	
fellow	65-1b		4	2	6	
felt	57-1b	*		5	5	
fence	49-1b	*		1	1	
fever	33-2b		1	1	1	
few	99-1a3	*		6	1	
field	92-1a4	*	8	2	3	
fierce	41-2a	*		2	2	
fifteen	43-2a	*			1	
fight	69-1b	*		12	12	
fill	94-1a4	*		5	7	
filled				1	1	
filling				2	1	
find	131-1a2	*	7	6	40	
findeth				27	1	
fine	108-1a3	*		1	1	
fingers	54-1b	*		21	22	
fire	111-1a3	*	9	3	1	
firmly	53-1b	*		18	30	
first	136-1a2	*		1	1	
fish	66-1b	*		29	48	
fishes				19	22	
fit	68-1b			1	1	
five	101-1a3	*		9	15	
fix	55-1b	*		3	3	
fixing				1	1	
flag	43-2a	*	7	5	12	
flat	44-2a			1	1	
fleecy	7			1	1	
fleet	34-2b			3	3	
flew	33-2b	*	7	14	36	
flight	29-2b			1	1	
fling	14-4b				1	
float	33-2b			3	3	
floor	79-1a5	*		4	4	
flock	34-2b		2		10	
flour	39-2a	*	4	1	2	
flower	94-1a4	*	10	11	22	
flowering				2	2	
flows	59-1b			1	1	
fluffy				1	1	
fluted	11-5b			3	3	
fluttered	23-3a			2	2	
fly	76-1a5	*	18	30	57	
flyng		*	1		3	
foam	22-3b				2	
folk	44-2a				5	
follow	109-1a3	*		1	3	
followed					7	
fond	39-2a				1	

food	78-la5	*	2	7	9	
fool	49-1b			1	1	
foolish	34-2b			2	2	
foot	99-la3	*		3	3	
for	291-lal	*	42	72	147	261
forest	63-1b			11	11	
forever	20-3b				1	1
forget	65-1b	*		1	1	2
fortune	44-2a				9	9
forward	52-1b			1	1	2
fought	38-2a			1	1	2
found	114-la2				21	21
four	114-la2		3		12	15
fox	39-2a			32	23	55
foxes				1	1	2
Foxy-Loxy					5	5
Frank	34-2b				21	21
Fred	18-4a			1		1
free	86-la4				1	1
freeze	30-2b				2	2
fresh	79-la5	*		5	1	6
freshening					1	1
Friday	36-2a	*		1		
friend	106-la3	*		16	13	29
friendliness	37-2a				1	1
frighten	33-2b				3	5
frisky	3				2	2
frog	23-3a	*		1	5	6
frolicsome	13-5a				1	1
from	195-lal	*	45	36	44	125
front	81-la5	*		1	2	3
frost	45-2a			2	4	6
frown	21-3b				1	1
frowned					1	1
froze	7				1	1
fruit	76-1b	*	3		1	4
full	108-la3	*		6	16	22
fun	39-2a	*	13		8	21
funniest					1	1
funny	27-3a	*		9	1	10
fur	47-2a		4		1	4
furly					1	4
gaily	7				1	1
gales	16-4a				1	1
gallant	18-4a				1	1
galloping	22-3b		6	4		10
game	69-1b		8	5	4	17
garden	86-la4	*	1	20	12	33
gardener	19-3b			1		1
gate	64-1b	*		3	4	7
gathering	67-1b				1	1

gathers					1	1
gave	90-la4	*	12	28	40	40
gay	39-2a		1	1	5	5
geese	15-4b				6	6
gentle	62-1b				2	2
gentleman	59-1b		1		1	1
gently	21-3b		1	2	3	3
get	136-la2	*	15	17	70	70
getting		*		1	2	2
ghost	31-2b				1	1
giant	38-2a			1	2	2
gifts	55-1b			2		2
gingerbread	9		20		21	
girl	98-la3	*	10	37	14	61
girl's					1	1
give	145-la2	*	9	41	8	58
given	96-la3				7	7
giving				1		1
glad	79-la5	*	25	9	18	52
gladly					1	1
gladdest					1	1
glass	70-1b	*			7	7
gleams	18-4a				1	1
glee	13-5a				1	1
go	160-lal	*	43	34	82	159
goat	47-2a		20	16	3	39
gobble	9				4	4
God	81-la5	*	1	1	4	6
goes	29-2b	*	7	4	3	14
goeth					1	1
going	63-1b	*	10-	9	27	46
gold	91-la4	*			17	17
golden	55-1b				19	19
goldenrod					10	10
Golden Locks				2	1	3
gone	64-1b	*		1	9	10
good	168-lal	*	43	51	41	135
good-by	20-3b	*	12	11	10	33
good-children				1	2	2
good-morning				1	2	2
good-night				1	8	8
goody	9			1	1	2
goop				15		15
goose	38-2a	*	15		14	29
Goosy-Loosy					8	8
got	82-la5	*		3	9	12
grain	58-1b			3	9	12
grand	42-2a				1	1
grandma	18-4a	*	6	9	21	36
grandmother	31-2b		1		7	8

grandfather	25-3a				1		1	
grandpa	16-4a		11		1		12	8
granny				8			8	1
granny's				1			1	
grape	37-2a	*			8		8	8
grass	64-1b	*	9	15	16		40	3
grasshopper	16-4a	*			3		3	26
gray	56-1b	*		7	19		26	
great	159-1a1	*		5	21		26	
green	81-1a5	*	4	9	22		35	14
grew	55-1b			4	10		14	2
grind	29-2b				2		2	1
grocer	17-4a			1	17		1	
ground	90-1a4	*		3	6		20	
grow	94-1a4	*		19	3		25	
growing				2	3		5	
growl	13-4a			2	2		2	1
growled						1	3	3
grown						6	6	3
guess	57-1b	*			15		21	
guides	50-1b	*			1		2	
guns	39-2a	*			1		1	
ha	26-3a		9	9	22		40	
habit	28-3a			1	1		1	
had	172-1a1	*	21	23	91		135	
hair	84-1a5	*		5	13		17	
half	126-1a2	*		1	4		5	
half-chick					16		15	
half-open					1		1	
halls	66-1b				1		1	
hammer	33-2b	*			2		2	
hammered					1		1	
hammering					1		1	
hand	148-1a2	*	1	10	13		12	
handle	43-2a	*		1	7		4	
hang	71-1b	*		1	7		8	
hanging					2		2	
happen	63-1b				1		1	
happened					4		4	
happier					1		1	
happiest					3		3	
happy	88-1a4	*	1	15	34		50	
hard	103-1a3	*		4	7		11	
harder					1		1	
hardly	43-2a				1		2	
hare	20-3b				10		10	
hare's					1		1	
harm	39-2a				2		3	
Harriet					1		1	
harvest	44-2a				1		1	
has	146-1a2	*	10				25	35

hasn't	9				1	1
hat	67-1b				6	6
hatched	13-5a				1	1
hate	45-2a				1	1
have	194-1a1	*	43	39	70	152
having				5		5
hay	47-2a	*		2	11	13
hay-cook	5		1		2	1
hay-stack					3	2
he	194-1a1		78	143	315	536
he's	9				5	5
head	132-1a2		1	7	15	23
health	49-1b				2	2
healthy		*		1		1
heap	35-2b				3	2
hear	114-1a2	*	5	6	8	19
heard	74-1b	*	3	5	21	29
heart	92-1a4		1	3	9	12
heat	62-1b				7	7
Heaven	59-1b	*			2	2
heavy	82-1a5	*			5	5
hedge	25-3a				1	1
heel	45-2a				1	1
held	71-1b				10	10
hell	5				31	50
help	109-1a3	*	6	13	3	5
helped				2	1	1
helping					2	2
helper	11-5b				22	61
hen	43-3a	*	14	25	9	9
Henny-penny						156
her	161-1a1	*	8	69	79	1
herd	29-3b		1			2
here	155-1a1	*	47	30	33	110
here's	6	*		2		2
hero	32-2b				2	2
herself	55-1b				6	6
Hiawatha	10-5b			5		6
hid	35-2b				1	1
hidden	16-4a				6	6
hide	58-1b	*	4		1	1
hide-and-seek					1	1
hiding					1	1
high	141-1a2	*	13	8	15	36
higher				2	3	5
hill	88-1a4	*			1	17
hillside	17-4a				1	1
hilltop	4				3	3
him	175-1a1	*	29	26	83	138
himself				1	14	15
hinder	17-4a				1	1

hints	15-4b					1	1	1	1	1	1
hippity-hop						1	1	1	1	1	1
his	194-1a1	*		3	7	50	128	186	186	186	186
hiss	19-3b	*					1	1	1	1	1
hit	32-2b	*				1	1	1	1	1	1
ho	16-4a	*				2	2	2	2	2	2
hold	106-1a3	*				1	4	4	4	4	4
holding							2	2	2	2	2
hole	69-1b	*				6	6	6	6	6	6
Holland	15-4b						1	1	1	1	1
hollows	43-2a						1	1	1	1	1
hollyhock							1	1	1	1	1
holy	39-2a						1	1	1	1	1
home	128-1a2	*		19		24		29	74	74	74
homeward	12-5a							1	1	1	1
honest	48-2a							1	1	1	1
honey	36-2a	*					1	1	1	1	1
hop	27-3a	*			15		7	7	7	7	7
hope	93-1a4						2	2	2	2	2
hopped											
hoperty						1					
hopping							1				
hoppity-kick											
horn	46-2a	*				1		2	3	3	3
horrid	13-5a					1		1	1	1	1
horse	108-1a3	*				7		20	41	41	41
horseshoe	5							4	4	4	4
hot	80-1a5	*					3	4	4	4	4
hour	105-1a3						2	2	2	2	2
house	147-1a2	*				6		48	77	77	77
house-mother								3	3	3	3
house-people								2	2	2	2
how	121-1a1	*			46		36	79	160	160	160
howled	27-3a							2	2	2	2
huff	4							3	3	3	3
hum	22-3b							2	2	2	2
humpty-hump						1					
humming-bird											
humph								1	1	1	1
hundred	97-1a3	*						5	5	5	5
hungry	40-2a	*						8	8	8	8
hunt	60-1b							1	1	1	1
hunt-the-slipper								1	1	1	1
hurrah	12					3		3	6	6	6
hurried								2	2	2	2
hurry	51-1b	*					1	1	1	1	1
hurrying								3	3	3	3
hurt	55-1b	*						5	5	5	5
hush-a-by	27-3a						2	2	2	2	2
hut								4	4	4	4
I	138-1a2	*		195		368		384	947	947	947

ice	61-1b	*	15	1	15	31
I'd	15-4b			2	2	2
idle	35-2b			1	1	1
if	178-1a1	*	3	15	64	82
ill	59-1b		7	2		2
I'll	34-2b	*		25	51	83
I'm	34-2b	*	12	9	33	54
image	23-3a		12	1		1
in	211-1a1	*	65	132	223	420
indeed	65-1b			6	9	15
Indian	67-1b	*		1	2	3
India-rubber					1	1
inside	49-2a	*		1	3	4
instead	58-1b			2		2
into	163-1a1	*	4	20	57	81
invite	44-3a				1	1
inviting					1	1
iron	74-1b	*			7	7
is	187-1a1	*	99	125	147	371
isn't	9	*	1	1	2	4
it	199-1a1	*	45	85	206	336
its	144-1a2	*			18	18
it's	15-4b	*		11	2	13
I've	20-3b	*		2	13	15
Jack	58-2a	*		4	4	17
jacket	13-5a		9		2	2
jack-o'lantern					3	5
James	42-2a			2	11	13
Jan				2	14	14
Jane	12-5a				2	2
Jay	8			6		6
jars	25-3a				1	1
jaunty					1	1
Jennie					1	1
Joe	14-4b			2	1	1
John	77-1a5			2	3	3
join	57-1b				1	1
jolly	16-4a			4	3	3
journey	51-1b				1	1
joy	65-1b			3	3	3
judge	56-1b			3	4	4
jump	49-1b	*	17	7	2	2
jumped					9	9
jumping-jack					1	1
just	140-1a2	*			20	41
Kate	29-2b			5		9
keep	112-1a2	*	4		2	25
keeping					3	3
kept	67-1b				3	3
keys	38-2a				3	3
kicked	34-2b				2	2
kicking					1	1

kill	81-1a5	*	1	1	2
killed		*	1	1	1
kind	118-1a2	*	6	8	15
kindness	31-2b	*	1	3	4
king	99-1a3	*	4	27	33
kiss	52-1b	*	1	1	1
kissed		*	1	1	2
kitchen	44-2a	*	4	1	1
kite	14-4b	*	7	4	15
kittens	25-3a	*	8	3	11
kitty	15-4b	*	17	7	28
klang		*			3
kling		*			1
knee	52-1b	*			1
knew	67-1b	*	1	1	1
knife	45-2a	*	1	1	1
knitting	27-3a	*	4	1	1
knocked	39-2a	*			4
know	171-1a1	*	11	45	54
knowing					1
lace	32-2b				1
lad	40-2a				1
ladies	29-2b				2
lady	63-1b	*	10	13	23
laid	58-1b			4	4
lake	71-1b			3	3
lambkin				1	23
lamb	39-2a		22	3	16
land	122-1a2	*	7	3	9
landed				1	1
lane	25-3a			1	1
lantern	14-4b			1	1
large	123-1a2			8	1
larger				9	17
language	48-2a		1		1
lark	25-3a		1		1
lash	13-5a			3	3
last	149-1a2			3	27
late	98-1a3	*			4
later					2
laugh	78-1a5	*	1	2	3
laughed				5	3
laughing				7	11
laughter	28-3a			2	5
lunch	13-5a			3	1
lay	95-1a3	*			1
lazy	29-2b				1
lead	80-1a5				3
leader	41-2a				1
leaf	11-5b	*		2	1
leafless	6			2	1
leaflets					2

leafy			1	1	1	1
leap	44-2a		9	9	2	9
leaped			2	2	4	2
learn	103-1a3	*	4	4	3	4
learned			3	3	5	3
leave	117-1a2	*	12	10	2	58
led	51-1b		2	2	2	2
left	119-1a2	*	2	2	4	3
leg	65-1b	*			2	2
legions	41-4b				3	3
lend	28-3a				3	3
lesson	56-1b	*			2	2
let	132 -1a2		31	20	3	69
let's	8	*		6	3	9
letter	93-1a4	*	9	11	1	21
lid	19-3b			1	1	2
lie	74-1b			1	4	4
life	117-1a2				3	3
lifted	58-1b				1	1
lifts				1		1
light	120-1a2	*		1	12	13
like	172-1a1	*			48	119
liked	172-1a1		33	38	6	16
likely	25-3a		1	9	1	1
likes					2	2
lilies				1	1	1
lily	28-3a			3	5	5
Lincoln	21-3b		1	6	7	7
line	97-1a3	*		3	3	3
lined					1	1
lion	52-1b	*		21	24	45
lion's					3	3
lips	50-1b				1	1
listen	56-1b	*		1	2	2
listened					2	2
listening					3	3
lit	9				1	1
little	172-1a1	*	69	225	261	555
live	139-1a2	*	6	8	9	23
lived			2	5	18	25
living					2	2
lo	15-4b				1	1
load	50-1b				6	6
loaded					1	1
locked	43-2a				8	8
lonely	61-4a				1	1
long	174-1a1	*	2	5	49	56
longer					3	3
longest					2	2
look	144-1a2	*	3	16	26	41

locked	*	1	11	26	42
looking	*	1	1	9	11
Lord Mayor	*	1	4	10	15
lost	76-1a5	*	1	6	7
loud	57-1b		1	1	1
loudly				1	1
love	112-1a2	*	10	11	21
loved			1	4	17
luck	24-3a			2	2
Lucy	13-5a			1	1
lullaby	6			10	10
loom	12-5a			2	2
loose	47-2a			1	1
loosens	9			1	1
lovely	44-2a			6	6
loving				4	4
low	91-1a4	*	6	6	10
lying	37-2a			3	6
made	107-1a3	*	7	16	29
magic	25-3a				52
maiden	35-2b			1	7
main				1	1
make	176-1a1	*	8	20	43
make-believe				1	1
making				1	1
mamma	28-3a	*		10	31
mamma's				2	2
man	175-1a1	*	15	12	57
mane	12-5a			2	2
manger	11-5b			4	4
mantle	22-3b			1	1
many	153-1a1	*	7	2	16
maple	16-4a			2	2
margle	35-2b	*	7	1	1
March	74-1b	*		1	1
marched				2	2
mare	14-4b			2	2
market	61-1b			2	2
Mary	48-2a		12	40	54
Mary's				1	1
mason	13-5a			2	2
master	74-1b			4	4
mate	30-2b			4	4
matter	107-1a3	*		1	1
may	149-1a2	*	34	1	27
May		*	45	7	61
May's			4		52
maybe	18-4a				4
me	157-1a1	*	34	86	1
meadow	44-2a		1	3	1
mean	100-1a3	*			3

meat	60-1b	*	7	7	7	7	7	7
medicine	29-2b	*	3	3	3	3	3	3
meet	104-1a3	*	7	2	2	2	2	2
melt	45-2a							
men	119-1a2	*	7	5	6	6	6	6
mend	25-3a							
mentioned	43-2a							
meow	4				6	6	6	6
Merlin						15	15	15
Merlin's						1	1	1
merchant	39-2a				1	1	1	1
merrily	49-1b					1	1	1
merry						6	6	6
message	38-2a					1	1	1
met	59-1b		5	11	13	13	13	13
me	18-4a		14					
mice	18-4a		4	3	2	2	2	2
middle	65-1b	*			4	4	4	4
middle-sized					6	6	6	6
might	107-1a3	*			5	5	5	5
mild	30-2b				1	1	1	1
miles						1	1	1
milk	84-1a5	*			7	7	7	7
milk-pails						13	13	13
milk weed	4					3	3	3
milky	8					1	1	1
mill	57-1b		2			1	1	1
miller	19-3b					6	6	6
miller's						8	8	8
mill-stones	7					1	1	1
millions	43					1	1	1
mind	88-1a4	*				6	6	6
mine	77-1a5	*				1	1	1
miner	8					4	4	4
minute	75-1b	*				2	2	2
miss	83-1a5	*				2	2	2
misses								
mistake	40-2a							
mister								
misty	9							
mite	3							
mittens	12-5a			3				
modest	24-3a							
mold	6					1	1	1
Moll								
Molly	8							
Monday	38-2a	*				1	1	1
monkeys	19-4a	*						
moo					6	6	6	6
moo-cow					2	2	2	2

moon	65-1b	*	3	7	7	10
more	19-3b	**		9	9	16
morning	102-1a3	**	13	25	23	61
morrow	14-4b			2	2	3
moss	20-3b				3	3
mossy	7				1	1
most	125-1a2	*			2	2
mother	109-1a3	**	34	30	42	106
mother-bird					2	2
mother's					7	10
mound	14-4b				1	1
mountain	77-1a5				6	6
mouse	38-2a	***	1	5	12	18
mouth	69-1b	***		2	2	4
move	84-1a5	***		4	1	5
moved				2	1	2
moving				1	1	1
mow	7				13	19
Mr.	63-1b	*	6		3	5
Mrs.	54-1b		2		7	12
much	157-1a1	**			1	14
mud	34-2b	***			1	1
Muffet	5			4		66
music	71-1b	***				
must	115-1a2	***		7	20	240
my	152-1a1	***	35	85	39	4
myself	57-1b	***			120	4
nail	42-2a	***		2	2	4
name	132-1a2	***			5	12
named					1	2
nap	15-4b				1	1
Nat	7				1	1
naughty	15-4b	*			3	8
near	117-1a2	*			6	16
nearer					1	1
nearly					2	2
neat	27-3a	*			1	1
neck	58-1b	*			1	1
necklace	9				22	22
Ned	15-4b		70			72
Ned's			6			6
need	109-1a3	*				8
needed					7	8
needle	33-2b	*			2	2
neither	57-1b	*			11	11
Nellie	3				5	5
nest	61-1b	*			1	1
never	111-1a3	**			40	49
new	160-1a1	**	11		24	24
new-fallen					14	34
new-laid					1	1
					2	2

next	97-1a3	*		2	12	14
nibble	8			1	1	1
nibbled					1	1
nice	56-1b	*	14	6	16	37
nicely				1		1
nigh	61-4a				1	1
night	122-1a2	*	5	6	16	27
nimble	11-5b		1			1
nine	59-1b	*	1	3	5	9
nipped	10-5b			1		1
no	181-1a1	*	15	47	32	94
nobody	34-2b	*			1	1
nod	31-2b		1		4	1
noise	49-1b	*		2		6
Nokomis				5		5
none	58-1b	*	1	1	1	2
nonsense	13-5a				5	1
nor	73-1b			1	3	5
north	88-1a4			2		7
Northland			7			3
nose	50-1b	*		1	2	3
not	203-1a1	*	71	85	96	252
nothing	100-1a3	*		1	9	10
notice	56-1b				1	1
notion	21-3b				1	1
now	174-1a1	*	19	16	35	70
number	104-1a3	*		1		1
nurse	39-2a	*	3			3
nursery	9				3	3
nut	47-2a	*		15	5	20
O	72-1b		16	8	20	44
oak	51-1b			1	2	3
oats	27-3a				1	1
obey	47-2a				1	1
o'clock	45-3a	*		2		3
October	37-2a				2	2
oddest	30-2b			1		1
o'er	28-3a				3	3
of	205-1a1	*	30	86	230	346
off	105-1a3	*		14	19	33
often	86-1a4			3	1	4
oh	67-1b		3	40	86	124
old	155-1a1	*	37	33	58	128
older					1	1
oldest				1		1
on	200-1a1	*	28	59	83	170
once	111-1a3	*		23	26	49
one	199-1a1	*	27	62	89	178
one's					5	5
only	156-1a1	*		7	16	23
oo-oo					2	2

ope				1	7
open	126-1a2	*	4	3	10
opened			3	3	33
or	181-1a1	*	5	5	5
oranges	44-2a	*		5	7
orchard	30-2b			6	3
order	100-1a3			8	1
ordered				1	1
orioles	6			1	1
other	168-1a1	*	1	9	36
ouch		*		2	1
ouf				2	2
ought	49-1b	*		2	4
our	172-1a1	*	11	33	65
ourselves	26-3a			1	1
out	193-1a1	*	37	26	129
outside	60-1b			2	2
ovens	22-3b			1	1
over	168-1a1	*	3	19	52
overturned	31-5a			1	1
own	117-1a2	*		5	3
owned				3	3
owner	56-2b			1	3
ox	36-2b			3	3
pack	38-2a	*		2	2
page	65-1b	*			
pails	25-3a				
painting	51-1b				
painted					
pair	60-1b	*			
palace	41-2a				
pan	34-2b	*		1	1
pancake	10-5b			42	42
pansy	13-5a			1	1
papa	25-3a	*		1	1
paper	92-1a4	*			
parents	41-2a	*			
park	42-2a	*	23		
part	145-1a2	*			
partners	20-3b				
party	65-1b	*			
pass	112-1a2	*		1	
passed					
passing					
past	75-1b	*			
paste	10-5b	*			
pat	22-3b	*		1	1
path	52-1b	*			
pathway	10-5b				
patient	36-2b				
patiently					

patted			2	1	21
pattering	7			7	7
Pattie			3	3	3
Pattie's			16	16	16
Patty	6			1	1
peace	64-1b			1	1
peanuts	7			1	1
peck	20-3b			1	1
peek	4			1	1
peek-a-boo			4	1	1
Peep	29-2b	*		11	7
peeping				1	2
peeped				1	6
pen	51-1b			1	1
pencil	34-2b			1	1
penny	35-2b	*		1	1
people	126-1a2	*		1	1
perfumes	19-3b			1	1
perhaps	62-1b			1	1
person	76-1a5			1	1
Peter	35-2b			1	1
pets	17-4a			1	1
Phil	26-3a			1	1
pick	53-1b	*		1	1
picked				2	2
pictures	80-1a5	*	4	7	10
pie	37-2a	*		3	5
piece	91-1a4	*		4	5
pieman				1	4
pig	39-2a	*	16	45	62
piggy				5	5
pig's				1	1
pile	44-2a	*		2	2
piled				1	1
pillow	28-3a	*		1	1
pillowed				1	1
pillow-hill				1	1
pine	35-2b			1	1
pink	29-2b	*		1	1
pit-a-pat				1	1
pitcher	19-3b	*		1	1
pitter-patter				1	1
place	156-1a1	*		7	7
placed				1	1
plain	78-1a5			1	1
plan	72-1b			1	1
plane	15-4b			1	1
plant	95-1a3	*	2	2	2
planted				1	1
plaster	10-5b	*		1	1
plate	46-2a	*		1	1

play	103-1a3		32	37	26	95
played		*	1	6	4	11
playground			3	7	5	1
playing		*	6	11	5	15
please	93-1a4	*			1	32
pleasant	64-1b		6		1	4
plenty	43-2a				1	14
plow	27-3a	*		2	2	1
plowing			1		1	1
plum	25-3a				1	1
plumes	17-4a				1	1
plump	12-5a				1	1
plumped					1	1
pocket	47-2a	*		1		
pods	5				2	
poem	27-3a				1	
point	105-1a3	*			1	
pointed					1	
pointing					1	
pole	47-2a	*			1	
polite	22-3b				1	
politely					1	
Polly	8				1	7
pond	33-2b				8	30
pony	26-3a	*	7		5	9
pony's					3	18
poor	101-1a3	*			1	1
pop	11-5b	*			1	1
popcorn					2	2
pop-guns					1	1
popped					3	3
poppies	10-5b				1	1
possible	59-1b				1	1
possibly					1	1
posies					1	1
postman	7		11		6	7
pot	39-2a	*		4	5	5
pound	60-1b	*			1	7
poured	45-2a	*			1	5
praise	44-2a				1	1
prances	7				1	1
pray	45-2a			1		2
present	102-1a3					2
pretty	81-1a5	*	14	13		1
pricked	19-3b					8
prince	55-1b		8			1
printer	5					1
printing					1	1
proper	51-1b				1	1
proud	62-1b				1	1
prouder					6	5

proudly					1	2	1	1	4	3	7	5	4	
proverb	9													
Prue														
puddles	4													
puff	24-3a													
puffed														
pull	58-1b	*												
pulled														
pulse	16-4a													
pump	23-3a													
pumpkin	14-4b	*												
pumpkin-eater's														
pumpkin's														
pure	53-1b													
purple	33-2b	*												
purpose	54-1b													
purr	6													
push	40-2a	*												
pushed														
pussy	21-3b	*												
put	131-1a2	*	*											
putting														
quaint	13-6a													
quarrel	34-2b													
quart	19-3b													
quarter	60-1b													
queen	74-1b													
queer	21-3b													
queerest														
question	74-1b													
quick	87-1a4	*												
quicker														
quickest														
quickly														
quiet	62-1b	*												
quit	32-2b													
quite	73-1b	*												
rabbit	31-2b	*	*											
race	56-1b	*	*											
Rachel	4													
'rah														
rafil	29-2b													
rain	83-1a5	*												
rainbow	21-3b													
rainy	18-4a													
raindrops	7													
raised	81-1a5													
rake	16-4a	*												
raked														
ran	56-1b	*												
rap	13-5a													
ray	35-2b													

reach	93-1a4	*			1	1
ready	82-1a5	*	10	2	4	16
reached				1	3	4
read	109-1a3	*	12	6	2	20
reading	109-1a3			1	1	1
real	54-1b	*		5	1	6
really	36-2b	*		2	1	11
red	93-1a4	*	22	34	9	66
redbird			6		10	6
regret	21-3b			1		1
reindeer	11-5b	*	3			3
remarkable	20-3b				1	1
rest	111-1a3	*		2	4	6
rested					1	1
restless					1	3
return	68-1b			1	1	1
ribbon	33-2b	*			4	4
rich	90-1a4					15
Richard	16-4a				1	1
riddle	16-4a				1	1
ride	81-1a5	*	13	11	1	25
rider	17-4a				1	1
right	120-1a2	*		12	8	20
ring	69-1b	*		1	2	3
ringing					1	1
ripe	33-2b				2	2
ripen	17-4a				1	1
rise	72-1b			1	1	1
river	1-1-1a3	*	1	1	1	15
road	89-1a4	*		2	6	8
roar	42-2a				1	1
roared				6	6	6
nobber	25-3a				2	2
robin	33-2b	*		10	-	10
rock	85-1a4	*		1	1	5
rock-a-by				2	2	12
rocking				1	1	14
rode	34-2b	*		3	1	9
roll	80-1a5	*		8	8	9
rolled				1	1	22
rolls				21	1	1
roof	52-1b	*			1	2
room	98-1a3	*			2	2
roots	46-2a			1	1	2
rope	36-2b	*		2	1	2
rose	75-1b	*		15	4	4
rose-bush				2	1	19
rosy	17-4a				1	2
round	105-1a3	*		25	23	1
row	54-1b	*		1	1	48
Roy	5		17	13	1	2
rub-a-dub					1	1
rubbed	33-2b				2	2

rule	75-1b					2	
run	115-1a2	*	45	25	16	85	
running		*		3	4	7	
rushy	57-1b				1	1	
Ruth	22-3b		75	5	1	80	
ruts					1	1	
rye	14-4b			1	5	1	
sad	61-1b				2	6	
sadly				3	2	5	
safe	60-1b			1	2	1	
safely					1	1	
safest						2	
safety	33-2b			2			
said	115-1a2	*	50	192	233	475	
sail	82-1a5	*			6	6	
sailed					3	3	
sailing					1	1	
sailor	36-2b				2	2	
salt	53-1b	*			4	4	
sand	53-1b	*			1	1	
sang	34-2b	*			3	3	
Santa Claus	18-4b	*	8	7	7	19	
sat	59-1b		4	1	1	20	
Saturday	31-2b	*			3	3	
sauey	9				9	9	
save	84-1a5	*			2	2	
saved					2	2	
saving					2	2	
saw	102-1a3	*	8		25	38	
say	140-1a2	*	12		10	30	
saying			1			5	
scampers	8					1	
scarce	48-2a					1	
scare	25-3a					1	
scared		*				2	
scarlet	21-3b					1	
scattered	39-2a					1	
school	104-1a3	*	2		6	1	
school-house	19-3b		1		2	1	
scissors	13-5a	*			1	1	
scratch	25-3a				1	1	
scratching					1	1	
screamed	23-3a				1	1	
scrubbed	21-5a				1	1	
sea	100-1a3				6	6	
seams	41-4b						
sea-shell							
sea-shell's							
seasons	61-1b					1	
secret	47-2a					1	

see	172-la1	*	72	51	88	211
seed	63-lb	*		4	7	11
seeing					2	2
seek	59-lb				9	9
seem	100-la3	*		2	2	4
seemed					6	6
seen	89-la4	*		7	6	26
see-saw			7		19	7
sell	68-lb	*		4	13	17
send	95-la3	*		3	10	13
sent		*		1	7	8
service	67-lb				1	1
set	110-la3	*	1		4	4
seven	73-lb	*			1	1
several	81-la5				1	1
sewed	43-2a	*			1	1
sewing				1	1	2
shadow	47-2a			12		12
shady	16-4a		1		1	2
shake	50-lb			3	1	4
shaking				2	1	3
shall	116-la2	*	42	37	33	112
shame	40-2a				1	1
shan't	5				1	1
share	45-2a				1	1
sharp	49-2a			1	1	1
she	97-la3	*	17	86	114	217
sheaves	7				1	1
she'd					2	2
sheep	67-lb	*		15	34	42
sheep-fold					1	1
sheet	46-2a				3	3
shell	46-2a	*			2	2
shepherdess	3				1	1
shepherds	32-2b				1	1
she's	5				2	2
shine	64-1b	*			1	1
shining					5	5
shines					1	1
shiny					1	1
ship	87-la4				5	5
shock	33-2b				1	1
shoe	72-1b	*		28	21	49
shone	25-3a				1	1
shoo				4	4	1
shook	36-2b				2	4
shoot	39-2a	*			1	4
shore	63-lb				1	1
short	94-la4				4	5
shorter					3	3
should	130-la2	*	12	5	15	32
shout	52-1b					3

show	123-1a2	*		3	7	10
showed				1	1	1
showers	36-2b			2	2	3
shown				1	1	3
shut	51-1b	*		2	1	1
shuttle	3			18	1	1
sick	60-1b	*		1	1	7
sickest				7	1	7
side	131-1a2			7	1	1
sidewalk	16-4a	*		1	1	5
sighing	41-2a			3	1	1
sighed				1	1	5
sight	77-1a5		2		3	1
silent	44-2a			1	1	3
silk	62-1b	*		1	1	2
silly	17-4a			4	2	4
silver	80-1a5	*		1	1	1
silvery				5	5	5
Simple-Simon				5	5	5
since	108-1a3			10	20	45
sing	80-1a5	*	15	2	11	14
singing			1		1	4
single	56-1b			1	3	4
sir	69-1b	*		6	3	4
sister	78-1a5	*		6	6	21
sit	85-1a4	*	9	6	1	11
sitting		*	4	6	4	11
six	91-1a4	*	2	5	1	1
sixty	25-3a	*		1	1	1
sixpence	6			1	1	1
skate	20-3b	*	8	1	1	9
skating			1		1	1
skies	3			2	3	3
skin	56-1b	*		6	2	20
skip	20-3b	*	14		1	1
skipped					1	1
skipper					1	1
skipperty					2	2
skirts	37-2a				1	1
sky	69-1b	*	7		27	36
slap	9				1	1
sled	11-5a	*	6		5	11
sleep	92-1a4		7	13	24	44
sleepiness					1	1
sleeping		*		5	4	9
sleepy	21-3b	*			1	1
sleepy-head					1	1
slept				4	1	6
slice	14-4b	*			1	1
slide	28-3a	*			1	1
slightly	41-2a					1
slipped	46-2a					1

stockings	31-2b	*		1	6	7
stole	28-3a	*		1	1	1
stone	82-1a5	*		3	10	13
stood	69-1b	*		5	10	15
stop	95-1a3	*		18	4	22
stopped		*		2	6	8
store	71-1b	*		1	3	9
store keeper	5				4	4
story	84-1a5	*	7	15	47	69
stout	25-3a				1	1
straight	68-1b	*		1	2	3
strange	66-1b	*		3	9	12
straw	42-2a	*		5	13	18
straying	21-3b				1	1
stream	55-1b				8	8
street	91-1a4	*	6	3	11	20
stretched	49-2a				1	1
stretches					1	1
stretching					1	1
string	35-2b	*		1	1	1
stripes	18-4a	*	1	3	20	25
strong	98-1a3	*		8	1	4
stronger						
strongest						
stumbled	51-4b				2	5
stumped	24-3a				3	5
stumping					1	5
such	157-1a1	*			2	2
suddenly	59-1b				1	2
suffer	58-1b	*			5	5
sugar	55-1b	*			4	4
suit	67-1b	*			4	4
summer	87-1a4	*			1	1
summer's					1	1
sun	94-1a4	*	1	1	20	21
sunbeams	15-4b	*		1	4	5
Sunday	49-2a	*		1	1	1
sundown	3				1	1
sunflower	5				1	1
sung	22-3b				1	1
sunlight	14-4b				1	1
sun-loving					1	1
sunny	21-3b				2	2
sunrise	11-5b				1	1
sunshine	34-2b	*			1	1
supper	46-2a	*			1	1
suppose	65-1b	*			1	1
sure	94-1a3	*			1	1
surprise	56-1b	*			2	2
surprised					2	2
swallow	38-2a				4	4

sweep	36-2b	*		4		4
sweet	85-1a4	*	1	8	8	17
sweetest			1	1	1	2
sweetly			1	1	1	1
swell	34-2b			1	2	1
swept	21-3b			1	1	1
swift	45-2a			2	1	2
swim	46-2a	*		2	1	3
swing	36-2b	*	12		1	13
swinging			1		1	1
swords	44-2a			1	1	2
table	90-1a4	*	1	17	38	56
tail	54-1b	*	1		5	3
tailor	31-2b			1		1
tailoress				1		46
take	162-1a1	*	13	18	15	1
taken					1	2
taking		*			2	1
talk	92-1a4	*		3		3
talking		*		4		10
tall	56-1b	*		1	6	1
taller				1	1	1
tallest				2	1	2
tan	13-5a			1	3	3
tapped	28-3a			3	3	3
taste	53-1b			3	3	3
tasted				3	3	3
tasting				3	3	3
taught	49-2a			2	2	2
tea	46-2a	*		1	2	1
teach	67-1b		4		4	11
teacher	61-1b	*	10		1	1
team	31-2b			1	1	3
tear	63-1b	*		1	1	1
tease	10-5b			1	1	2
teaspoonfull	8			-	1	1
teeny					1	1
teetered					1	1
teeth	33-2b	*		1		1
tell	121-1a2	*	16	24	46	86
telephone	23-3a	*	4			4
telling	121-1a2				1	1
tells					24	24
ten	90-1a4	*	1	7	5	11
tended	27-5a				1	1
than	157-1a1	*		10	14	24
thank	83-1a5	*	10	12	11	33
thanked					1	1
Thanksgiving	21-3b	*	5	9	9	14

that	209-1a1	*	23	36	162	221
that's	3	*		13	3	16
the	208-1a1	*	439	692	1519	2650
thee	65-1b				6	6
their	177-1a1	*	7	11	27	45
them	181-1a1	*	34	19	41	94
themselves	58-1b				1	1
then	173-1a1	*	20	84	116	220
there	194-1a1	*	20	53	74	147
therefore	8				2	3
there's	13-5a			4	1	5
these	142-1a2	*		3	9	12
they	194-1a1	*	36	42	162	240
they'll	8		1	1	2	4
they're	5				3	3
thick	63-1b				1	1
thief	28-3a				1	1
thin	55-1b				1	1
thing	157-1a1	*		10	8	18
things		*	6		10	16
think	124-1a2	*	6	13	36	55
thinking		*			5	5
third	88-1a4			5	1	1
thirteen	25-3a				84	156
this	191-1a1	*	20	52	7	9
those	107-1a3	*		2	8	8
though	90-1a4	*			23	32
thought	96-1a3	*		9	1	1
thousand	94-1a4	*			5	8
thread	49-2a	*			1	2
three	136-1a2	*	4	22	1	26
threshed	12-5a				3	1
threw	37-2a	*			18	3
through	149-1a2	*		7	1	25
thumb	20-3b	*			9	1
thump	12-5a				1	9
Thursday	35-2b				1	1
thus	71-1b				2	2
thy	48-2a				1	2
tickets	23-3a		2		1	2
tied	50-1b				1	2
tiger	16-4a	*			3	3
tight	31-2b	*			1	2
till	78-1a5	*	2		14	18
time	183-1a1	*	13	15	43	71
timid	16-4a				1	8
tin	25-3a			4	7	5
tiny	36-2b	*		5	10	15
tired	61-1b	*		1	9	10
'tis	23-3a	*		1	1	2
to	208-1a1	*	170	270	470	910

true	95-1a3		6	12	18
truly				2	2
trumpet	25-3a			2	2
trunk	42-2a	*		2	2
truth	67-1b			1	1
truthful	5			1	1
try	95-1a3		8	1	15
trying		*		1	3
tubs	17-4a	*	2	2	2
Tuesday	31-2b	*		1	2
tumbling	26-3a			1	1
tum-tum				1	1
tumpa				5	5
tum-too				5	5
tune	26-3a		1	22	23
turkey	28-3a	*	1	8	8
Turkey-Turkey				2	2
turn	124-1a2	*	4	2	2
turning		*		2	2
turned		*		2	2
turtle	14-4b		10	16	26
tut			2	2	2
twelve	56-1b	*	1	2	2
twenty	73-1b	*		1	1
twice	43-2a			1	1
twig	21-3b		1	1	1
twinkle	20-3b		1	1	1
twinkling			6	6	7
twirl				1	1
twirly				1	1
twist	21-3b			1	1
two	157-1a1	*	8	28	48
umph			8	8	8
ugly	29-2b			2	2
umbrella	15-4b	*		1	1
unbutton				1	1
uncomfortable	11-5b			1	1
uncle	54-1b	*	5	1	1
under	126-1a2	*	4	6	7
underneath	19-3b			1	1
understood	23-3a			1	1
unfold	13-5a			1	1
uniforms	25-3a			1	1
unless	44-2a			1	1
until	108-1a3	*		1	15
unwashed			1	1	16
up	186-1a1	*	23	31	121
upon	132-1a2	*		17	31
upward	25-3a			14	1
us:	134-1a2	*	40	12	33
use	137-1a2	*		5	5

we	170-1a1	*	112	39	71	222
weakest	58-1b			1	1	1
wealthy	19-3b			1	1	1
wear	75-1b	*		2	1	1
weary	39-2b			1	1	1
weather	60-1b			1	1	1
weave	25-3a			2	2	2
weaver	9			1	1	1
weaves					1	1
webs	21-3b				4	4
we'd	3					1
Wednesday	33-2b			1	4	19
wee	25-3a			4	1	1
weeps	38-2a				1	1
welcome	41-2a				1	1
well	160-1a1	*		25	26	50
we'll	19-3b	*		3	11	14
went	94-1a4	*	7	29	82	118
we're	5	*		2	1	3
were	180-1a1	*	12	28	55	95
west	72-1b			15	7	22
wet	45-2a	*		1	3	4
what	188-1a1	*	27	57	92	176
whatever	39-2a	*			3	3
wheat	52-1b		12		10	22
wheels	53-1b	*			2	3
when	193-1a1	*	7	29	83	119
where	166-1a1	*	7	20	39	66
wherever	24-3a				1	1
whether	59-1b				1	1
which	181-1a1	*		7	5	12
while	138-1a2	*		3	16	19
whips	32-2b	*		6	6	6
whirl	22-3b				1	1
whirling					1	1
whirly					1	1
whisky					2	2
whisper	42-2a				1	1
whispering					2	2
whispered					2	2
whistle	39-2a	*			26	63
white	120-1a2	*	3		34	1
whitest				4		4
whit-teer				16	25	65
who	184-1a1	*			1	8
whole	97-1a3	*			1	1
whose	72-1b	*			1	1
why	143-1a2	*		12	9	56
wide	89-1a4	*		1	3	8
widow	23-3b				1	1
wields	9				1	1
wig	13-5a				7	7

wigwam	14-4b		1		1	
wild	69-1b				1	1
will	166-1a1	*	109	72	87	268
Willie					8	8
Willie's					3	3
wind	89-1a4	*	7	33	46	85
windmill	15-4b			18	3	21
windmill's					2	2
window	84-1a5	*		1	15	16
windowpane					1	1
wind's					2	2
windy					1	1
wing	56-1b				6	12
winging					1	1
winks	21-3b				1	1
wins	58-1b				1	5
winter	91-1a4	*			8	11
wise	64-1b				2	13
wish	104-1a3	*			17	40
wished		*			4	4
wishes		*			3	4
wishing		*			1	1
with	208-1a1	*	18	44	95	157
within	67-1b				1	3
without	107-1a3				1	7
woke	16-4a				18	20
wolf	41-2a	*	36	30	5	71
woman	120-1a2	*	14	7	9	30
won	40-2a				2	2
wonder	64-1b	*			4	6
wonderful	58-1b				4	6
won't	29-2b	*			5	6
wood	92-1a4	*	6		24	35
wooden	29-2b				1	1
wood pecker	9	*			1	1
wood-pile					4	4
woof	3				2	10
wool	38-2a		2		6	10
woolen	15-4b				4	1
woo-oo			2		2	2
word	114-1a2	*			3	8
work	151-1a1	*			18	26
worked					1	1
working			2		1	3
worker	22-3b				1	1
world	121-1a2				4	21
worm	32-2b	*			2	13
worm's					1	1
worse	46-2a				2	2
would	166-1a1	*	12	12	31	55
wouldn't	15-4b	*			4	4
woven	14-4b				1	1

wow							2
wrung	11-5b	*			1	1	1
write	93-1a4	*		4	3	4	1
yard	58-1b	*			7	11	3
yarn	11-5b				3	1	1
yawned	14-4b				1	4	4
ye	32-2b				4		
year	151-1a1	*			2	10	12
yellow	50-1b	*	1		5	12	18
yes	75-1b	*	31		28	15	72
yet	96-1a3	*			3		3
yonder	28-2b				1		1
you	188-1a1	*	145		238	289	672
you'd	11-5b				1	1	2
you'll	18-4a				2	1	3
young	97-1a3				1	1	2
youngest					1		1
your	159-1a1	*	22		40	41	103
you're	14-4b					1	1
yours	22-3b	*			1		1
yourself	49-2a	*				6	6
zum-n-m-m						2	2

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WORD LIST NO. 1.

WORDS COMMON TO TEN SECOND READERS.— HOUSH'S STUDY.
IN THE ORDER OF THEIR FREQUENCIES IN THE TEN BOOKS.

the	very	must	every
and	when	made	play
to	we	let	poor
a	no	ran	bird
I	out	think	great
he	come	about	wind
in	this	man	I'll
you	day	look	looked
it	can	take	once
of	did	pretty	off
is	mother	went	money *
said	away	here	morning
little	old	too	door
was	were	where	cat
they	your	well	dog
she	how	put	find
that	now	give	an
his	some	may	help
not	from	tell	red
for	into	over	two
will	could	just	asked
on	would	never	only
so	buy	back	say
at	down	many	want
her	if	again	flowers
me	by	water	last
all	oh	why	upon
then	came	way	or
as	home	use	three
but	who	shall	yes
are	tree	each	father
my	big	happy	leaves
one	am	thought	run
do	like	white	other
be	their	Mr.	hear
had	good	hen	gave
with	get	dear	don't
have	time	its	sing
what	has	our	kind
him	saw	eat	been
them	make	soon	before
see	know	children	keep
here	house	more	eyes
go	long	going	found
up			

* Words not in the combined vocabularies of the Kansas primary readers.

began	wish	room	walk
girl	fast	seen	brought
first	himself	behind	face
lived	place	blue	hold
night	sweet	might	watch
beautiful	until	rose	basket
these	which	four	because
thou *	bear	hard	carry
please	spring	wanted	instead
much	glad	fall	angry
cried	strong	nothing	clear
after	hand	river	stock *
mother	near	soft	book
brook	brother	food	wings
nest	says	full	garden
sun	work	together	stay
took	school	people	stop
fire	best	corn	window
head	sometimes	lay	guess
bird	call	country	oak
heard	horse	catch	picked
under	fish	field	fat
does	cold	done	jumped
still	nice	round	named
baby	something	such	ready
fly	till	thank	everything
hill	bring	Ye	joy
sing	shoes	new	net*
any	woman	dark	own
warm	name	bread	show
always	grew	large	use
around	small	rest	across
called	sat	asleep	alone
child	wise	barn	bad
sleep	yellow	buy	brown
should	black	dress	fun
told	far	eggs	hole
boys	looking	town	leaf
ever	open	air	ride
through	snow	cannot *	thing
afraid	woods	goes	almost
please	got	thlk	lady
things	grass	green	eating
ground	high	light	set
sky	nest	set	side
while	winter	stop	those
right	coming	hay	among
voice	feet	care	hat
bright	fell	summer	need
better	gold	large	running
flew	jump	today	top
live	gone	try	kept

sad	years	winning *	both
across	Christmas	five	early
month	rain	sail	crept
often	answer	city	mine
quite	deep	forget	feel
threw	mind	then	hope
anything	softly	neck	part
please	ask	teacher	ten
heart	golden	beside	making
nor	learn	busy	paper
shine	stand	yet	middle
wide	gentle	yourself	doing
word	sent	pup *	lame
earth	true	farm *	picture
felt	sell	January *	mean
follow	evening	six	

WORD LIST NO. 2.

THE ONE-HUNDRED WORDS OF HIGHEST CREDIT NUMBER IN THORNDIKE'S WORD LIST SHOWING THE NUMBER OF TIMES EACH WORD IS USED IN EACH OF THE THREE KANSAS PRIMARY READERS.

Words	Thorndike Credit No.	Primer.	First Reader.	Second Reader.	Total Vocab.
a	208	150	333	431	911
about	172	4	12	12	28
after	158	16	11	22	49
again	151	3	7	25	35
against	114			6	6
all	203	25	53	43	121
an	181	3	8	18	29
and	210	230	347	717	1294
any	158		5	6	11
are	183	61	46	101	208
as	204	8	52	104	164
at	203	11	26	93	130
be	206	40	34	63	137
been	159	6	14	11	31
before	159		6	14	20
but	196	14	43	107	164
by	191	15	19	51	85
come	151	64	35	82	181
day	176	12	62	53	127
do	180	43	45	108	196
every	151		16	26	42
for	201	42	72	147	261
from	195	45	36	44	125
go	160	43	34	82	159
good	168	43	51	41	135
great	159		5	21	26
had	172	21	23	91	135
have	194	43	39	70	152
he	194	78	143	315	536
her	161	8	69	79	156
here	155	47	30	33	110
him	175	29	26	83	138
his	194	7	50	128	185
how	171	46	35	79	160
if	178	3	15	64	82
in	*211	65	132	223	420
into	163	4	20	57	81
is	187	99	125	147	371

it	144	45	86	206	336
know	171	11	43	43	54
like	172	33	38	48	119
little	172	69	225	261	555
long	174	2	5	49	56
make	176	8	20	43	71
man	176	15	12	57	84
many	153	7	2	16	26
me	157	34	86	106	226
much	157		5	7	12
my	152	35	85	120	240
new	160	11	9	14	34
no	181	15	47	32	94
not	203	71	85	96	252
now	174	19	16	35	70
of	205	30	86	230	346
old	155	37	83	58	128
on	200	28	59	83	170
one	199	27	62	89	178
only	156		7	16	23
or	181	5	5	23	33
other	168	1	9	26	36
our	172	11	33	21	65
out	193	37	26	66	129
over	168	3	19	30	52
place	156		7	10	17
see	172	72	51	88	211
so	188	34	84	136	254
some	181	21	29	43	93
such	157			9	9
take	162	13	18	15	46
than	157		10	14	24
that	209	23	36	162	221
the	208	439	692	1519	2650
their	177	7	11	27	45
them	181	34	19	41	94
then	173	20	84	116	220
there	194	20	53	74	147
they	194	36	42	162	240
thing	157		10	8	18
this	191	20	52	84	156
time	183	13	15	43	71
to	208	170	270	470	910
two	151	8	28	12	48
up	168	23	31	67	121
very	161		34	61	95
was	188	11	83	193	287
way	167		23	31	54
we	170	112	39	71	222
well	160		25	25	50

were	180	12	28	55	95
what	188	27	57	92	176
when	193	7	29	83	119
where	166	7	20	39	66
which	181		7	5	12
who	184	16	24	25	65
will	166	109	72	87	268
with	208	18	44	95	157
work	151		18	8	26
would	166	12	12	31	55
year	151		2	10	12
you	188	145	238	289	672
your	159	22	40	41	103

WORD LIST NO. 3.

WORDS OF THE COMBINED VOCABULARIES OF THE THREE KANSAS PRIMARY READERS WHICH HAVE THORNDIKE WORD LIST CREDIT NUMBERS BELOW 10, AND THEIR FREQUENCIES IN THE KANSAS PRIMARY READERS.

6

Words	Credit		Times		Credit		Times		Credit		Times	
	Numbers	Used	Words	Numbers	Used	Words	Numbers	Used	Words	Numbers	Used	
abed	5	1	dandelion	7	5	nursery	9	3				
able	5	1	daring	8	2	oracles	6	1				
Amy	6	4	dimpled	8	2	pattering	7	1				
arrant	7	1	dizzy	9	1	Patty	6	16				
asters	3	3	Don	7	32	peanuts	7	3				
bachelor's	8	1	doorstep	4	3	peek	4	4				
ballads	8	1	downy	5	1	pods	5	1				
balloon	5	1	drake	7	1	Polly	8	1				
barrows	4	1	farmyard	7	1	postman	7	12				
Ben	9	1	fleecy	7	1	prances	7	1				
bet	9	1	frisky	3	2	printer	5	2				
bin	6	3	froze	7	1	proverb	9	2				
birdies	9	2	gaily	7	4	puddles	4	1				
bluebird	6	6	gingerbread	9	21	purr	6	10				
Bobby	8	11	gobble	9	4	raindrops	7	1				
bonfires	3	6	goody	9	1	Roy	5	30				
boo	4	5	hasn't	9	1	saucy	9	3				
Bo-Peep	8	2	haycock	5	1	scampers	8	1				
bounces	7	1	he's	9	5	shan't	5	1				
breezy	5	1	he'll	5	10	sheaves	7	1				
broth	5	2	here's	6	2	she's	5	2				
bunny	4	10	hilltop	4	3	sixpence	6	1				
bunting	7	1	horse-shoe	5	4	skies	5	1				
bushy	7	4	huff	4	3	slap	9	1				
buttercup	5	4	isn't	9	4	smacked	9	3				
cackle	6	5	Jay	8	6	snip	5	4				
canary	6	1	leafless	6	1	snort	7	1				
candlestick	8	1	leaves	4	59	snowflake	6	4				
cattle	8	1	let's	8	9	spools	7	1				
chap	7	1	lullaby	6	10	springtime	9	3				
Charlie	8	1	loosens	9	1	sprites	9	3				
clown	7	7	main	8	1	stacks	8	1				
clumsy	6	1	milk-weed	4	1	stealthy	3	1				
cobwebs	6	3	miner	8	3	store-keeper	5	4				
comical	4	1	misty	9	1	sundown	3	1				
coo	8	13	mite	3	4	sunflower	5	2				
cooky	7	1	mold	6	1	teaspoonfull	8	5				
cozy	5	1	molly	8	1	they're	5	3				
cram	9	1	mossy	7	1	they'll	8	6				
crib	9	3	mow	7	1	too-o-o-t	5	1				
crook	5	1	Nat	7	1	truthful	5	2				
curlle	7	2	necklace	9	22	valentine	9	3				
cupid's	9	1	Nellie	3	1	weaver	9	3				
cyrly	5	6	nibble	8	1	we'd	3	4				

WORD LIST NO. 4.

WORDS IN THE THREE KANSAS PRIMARY READERS NOT IN
THORNDIKE'S WORD LIST

666

Words.	Readers.				Words.	Readers			
	Pr.	1.	2.	T.		Fr.	1.	2.	T.
a-blowing		3	3		haystack		2	2	
a-boating		1	1		Henny-Penny		9		
a-floating		1	1		hippety-hop	3	1	4	
a-sailing		2	2		hollyhock		1	1	
Baby-Land	5		5		humpity-hump	1		1	
Bloweth		1	1		humming-bird		2	2	
biddy		4	4		umph		1	1	
Billy-Goat-Gruff	21		21		hush-a-by	4	2	6	
Bobs		13	13		India-rubber		1	1	
boo-hoo	1		1		jack-o'-lantern	2	3	5	
boo-woo		2	2		Jan		14	14	
bowers	1		1		jaunty		1	1	
bow-wow	4		4		Jennie		1	1	
chick-a-dee	1		1		jumping-jack		1	1	
chin-chopper	3		3		kitty-cat		4	4	
chinney-chin-chin	3		3		klang		3	3	
clack		1	1		kling		1	1	
Clytie		7	7		lambkin	22	1	23	
Clytie's		1	1		leaflets	2	2	4	
cock-a-doodle-do	8		8		legions		8	8	
Coralie	9		9		Lord-Mayor	1		1	
counterpane		2	2		mister		1	1	
cracky		1	1		moo	6	20	6	32
crawley		2	2		nearly		2	2	
creepy		11	11		new-fallen		1	1	
crocus		2	2		new-laid		2	2	
crows	5	6	11		Nokomis	5		5	
cuuddle		1	1		Northland	7		7	
cutler's		1	1		ope		1	1	
darlingest		1	1		ouch		1	1	
Drumkin	12		12		Pattie		10	10	
Ducky-Lucky		8	8		peek-a-boo		1	1	
elfman	2		2		pieman		4	4	
freshening		1	1		pit-a-pat		1	1	
Foxy-Loxy		5	5		pitter-patter		5	5	
golden-red		11	11		plumped		1	1	
Golden-Locks		2	1	3	posies		1	1	
Good-children		2	2		Prua		1	1	
goop	15		15		'rah		3	3	
Goosy-Loosy		8	8		rub-a-dub		3	2	
granny	9		9		ruts		1	1	
half-chick		16	16		sea-shell		2	2	
Harriet		1	1		see-saw		7	7	

shan't	.	.	1.	1.	twirly	.	.	.	1.	1.
she'd		2	2		umph	8			8	
shoo	4		4		unbutton		1		1	
Simple-Simon		5		5	unwashed		1		1	
skipper	1		1		washerwoman		3		3	
skipperty		2	2		whisky		2		2	
sleepiness	1		1		whirly		1		1	
squeal		1	1		whit-teer	4			4	
squirm	1		1		Willie		11	11		
teeny		2	2		woo-oo	2			2	
teetered		1	1		wow		2		2	
twirl		1	1		zum-m-m-m	2			2	

WORD LIST NO. 5.

WORDS IN THE KANSAS PRIMER AND KANSAS FIRST READER
NOT FOUND IN HORN'S LIST OF WORDS COMMONLY USED BY
CHILDREN UP TO AND INCLUDING SIX YEARS OF AGE.

Words	Times Used.	Words	Times Used.	Words	Times Used.
above	12	Bo-peep	2	cock	1
acted	2	born	1	coo	13
afterword	2	bough	1	cool	1
ago	1	bounces	1	counted	1
ahead	1	bowers	2	covered	1
Alice	5	bowl	7	crack	3
alive	1	bow-wow	4	creep	2
also	4	brave	2	creeping	2
among	2	bright	2	cried	15
Amy	4	bringing	1	crow	5
angry	1	brook	3	crying	20
answered	6	brownies	7	cuddle	1
asked	16	buds	1	curly	3
Baby Land	5	build	7	curled	1
baby's	1	bunny	3	cutler's	3
bare	2	burst	1	dainty	1
bark	8	bushes	1	daisies	1
banner	1	bushy	1	Dan	5
beautiful	10	buying	1	danced	1
became	2	buzz	9	dark	4
began	7	called	3	darling	1
between	1	candlestick	1	deal	1
Billy	19	cane	1	den	6
Billy-Goat-		carries	1	desert	1
Gruff	21	carry	2	dew	1
Billy's	1	case	2	diamond	1
bin	2	chanced	1	Dick	14
birdies	2	chased	1	din	1
blast	1	cheek	1	disgrace	1
blazing	1	cheer	4	dizzy	1
bleat	3	chick-a-dee	1	doll's	1
blew	2	church	4	dolly's	1
Bob	5	chin-chopper	3	Don	32
Bobby	11	chinney-chin-		dresses	4
boiling	3	chin	3	driving	1
bold	1	Christ	1	Drumkin	12
bonfires	1	city	8	dug	1
boo	1	clapping	1	earth	4
boo-hoo	1	climbing	1	eaten	5
clown	7	clover	5	elfman	2

Eskimos	4	held	1	loud	1
fierce	2	he'll	10	loved	13
filled	2	herd	1	luck	2
flight	1	hero	2	Lucy	1
flock	1	Hiawatha	5	lying	3
fluffy	1	hid	1	maiden	1
forward	1	higher	2	main	1
fought	1	himself	1	manger	1
four	3	hippity-hop	3	mantle	1
fox	32	hopped	2	Mary	52
foxes	1	hopping	1	Mary's	1
Frank	21	hour	2	master	4
Fred	1	huff	3	May's	4
frighten	2	humpty-hump	1	meadow	4
frost	2	hunt	1	meow	6
frowned	1	hurrah	6	merchant	1
fur	4	image	1	meery	6
galloping	10	indeed	6	met	16
game	13	instead	2	mew	14
gardener	1	Jack-o'-lantern	2	mice	7
gay	2	James	2	middle-sized	6
gentleman	1	Jay	6	mild	1
gently	1	Joe	2	miles	1
giant	1	John	2	mill	4
gifts	2	jolly	4	millions	6
gingerbread	20	judge	3	mill-stones	7
give		jumped	2	mittens	3
giving	1	Kate	9	mold	1
goat	36	kindness	1	moo	26
Golden-Locks	2	king	6	moo-cow	2
good-morning	1	kissed	1	morrow	2
goody	1	kite	11	mother's	3
oop	15	lambkin	22	moved	2
granny	8	lambs	13	moving	1
granny's	1	land	1	Mrs.	2
grew	4	lantern	1	Muffet	4
grocer	1	large	8	named	1
growing	2	language	8	nap	1
growl	2	lark	1	Nat	1
guides	1	lash	3	Nedi	72
ha	18	last	3	nibble	1
habit	1	laughed	8	nicely	1
hardly	1	laughing	2	nine	4
harm	1	leaflets	2	nipped	1
Harriet	1	leafy	1	nod	1
having	5	liked	10	Nokomis	5
hay-cock	1	lilies	1	nor	1
he	221	lily	3	north	2
head	8	Lincoln	7	Northland	7
heart	4	lived	7	O	24
heel	1	Lord-Mayor	1	oak	1
				oddest	1

often	3	roots	2	saw	1
oh	43	rose-bush	2	sparks	2
oldest	1	Roy	30	speak	2
opened	2	Ruth	80	speaking	1
orchard	1	rye	1	speed	1
ouf	2	safe	3	splash	2
pancake	43	safely	1	splashed	1
pansy	1	safety	2	spot	4
patted	2	sat	11	springtome	1
pattering	1	suacy	1	spy	13
Patty	16	saved	1	squirm	1
peck	1	saving	2	squirrel's	1
peek	4	saying	1	stamped	1
peeping	1	scratch	1	stares	4
Phil	1	school-house	1	starry	1
picked	2	scratching	1	starts	1
pieman	4	sea	6	stealthy	1
pit-a-pat	1	see-saw	7	stir	1
placed	1	sewing	1	stale	1
planted	2	shadows	12	stood	5
pleasantest	1	shady	1	strange	3
play	69	shake	3	stretches	1
plowing	1	shaking	2	stripes	1
pointing	2	sharp	1	strongest	1
polite	1	shining	1	sunbeams	1
Folly	1	shines	1	sunny	1
postman	11	shoo	4	sunrise	2
praise	1	shock	2	sweetest	1
pray	1	short	1	sweetly	2
prince	8	shout	3	swell	1
puff	4	showed	1	swinging	1
puffed	3	sickest	1	swept	5
pulse	4	sighing	9	tailoress	1
pure	1	sight	2	tall	4
purr	10	silly	1	tallest	1
quarrel	1	Simple-Simon	5	tan	1
queer	4	singing	3	taste	1
quickest	1	sixpence	1	tasted	3
quickly	2	skating	1	tasing	3
quit	2	skin	1	teach	6
rainbow	1	sleep	20	tease	1
raindrops	1	slept	4	teaspoonfull	1
reached	1	slightly	1	there's	4
redbird	6	slowly	2	they'll	1
regret	1	sly	12	thing	10
return	1	smallest	1	third	5
rise	1	smiled	1	Thursday	1
roared	6	snap	1	thus	1
rock-a-by	10	snapped	1	tickets	2
rocking	1	snip	1	tied	1
rolled	21	snow-bird	10	timid	1
rolls	1	snow-flakes	1	tin	4
sometimes		snowing	1	'tis	1
sorry		softer	1	toil	1

Tom	7	twinkle	6	wields	1
toss	1	umph	8	wig	1
tossed	1	unbhtton	1	wigwam	1
toward	1	unfold	1	windmill	18
trade	7	unwashed	1	windy	1
trading	1	vine	4	wing	6
traveller	5	visit	14	wins	4
tread	1	voice	9	wise	2
treat	1	waken	4	within	1
tree-tops	1	waking	1	without	1
trick	2	walnut	1	woke	1
tried	4	ware	1	won	2
trip	3	warmest	1	wonderful	2
tripping	1	Washington	5	wood	1
trip-trap	6	watched	2	woof	8
troll	29	weakest	1	wool	6
trotting	1	wealthy	1	woo-oo	2
trouble	1	weather	1	worked	1
true	6	weavers	2	working	2
try	8	weaves	1	worker	1
tum-tum	1	Wednesday	1	world	44
tumpa	5	wee	4	you'd	1
tum-too	5	west	15	you'll	2
turtle	10	wheat	12	young	1
tut	2	whit-teer	4	youngest	1
twig	1	widow	1		

WORD LIST NO. 6.

WORDS USED IN THE KANSAS PRIMER AND KANSAS FIRST READER BUT NOT APPEARING IN THE WORD LISTS OF THESE BOOKS.

Words in simple form, not variants.

along	creep	nicely	hus
another	cross	north	toil
ask	dim	off	true
awake	does	open	try
between	doll	pan	twenty
bill	dun	people	umph
blast	dress	pure	wait
blow	feet	pussy	walnut
both	five	real	wise
brave	flower	return	wee
bring	fox	sage	which
brother	front	save	whole
bunny	frost	sea	within
buzz	funny	shoe	without
cake	gentleman	skin	young
candle	gone	snap	lantern
carry	goody	sow	last
climb	helper	swell	laugh
coo	image	taste	leaf
cool	main	than	loud
cover	matter	these	ear
	meow	thing	cuf

Variations from the simple word

boiling	growing	reached	sunny
bounces	having	running	sunrise
broken	helped	safely	sweetest
built	higher	saved	tallest
bushes	himself	scratching	tasting
buying	holds	seen	tears
calling	hopped	sent	tossed
clapping	kissed	shaking	toward
curled	making	shining	trading
creeping	moved	showed	trips
danced	moving	sickest	trotted
dim	named	sighing	waking
does	oldest	sleeping	warmest
drawing	patted	slowly	watched
eating	peeking	smallest	weaves
fallen	picked	softer	windy
faster	piggy	speaking	wishes
fatter	placed	splashed	worked
feeding	planted	starry	worker
follows	painting	started	yours
gardener	puffed	stockings	yours
getting	quickest	stopped	laughing
giving	really	stretches	leaflets
	raindrops		

Proper Names

Alice	Dan	John
Amy	James	May
Baby-Land	Farmer-Brown	Nat
Billy	Frank	Patty
Billy-Goat-Gruff	Fred	Phil
Bob	Golden-Locks	Polly
Bobby	Joe	Simple-Simon
		Lucy

Possessives.

cutler's	doll's	mother's
dolly's	Granny's	squirrel's

Contractions

couldn't	here's	'tis
can't	isn't	we'll
didn't	I've	we're
doesn't	that's	won't
you'll	there's	you'd
	Billy's	Mary's

Compound words

black-birds	good-morning	tree-tops
chinney-chin-chin	peek-a-boo	tum-tum
tum-too		

APPENDIX.

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