

THE UNIVERSITY OF MINNESOTA

GRADUATE SCHOOL

Report

of

Committee on Examination

This is to certify that we the undersigned, as a committee of the Graduate School, have given Ethel Lowerre Phelps final oral examination for the degree of Master of Science . We recommend that the degree of Master of Science be conferred upon the candidate.

Minneapolis, Minnesota

May 25 1921

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THE UNIVERSITY OF MINNESOTA

GRADUATE SCHOOL

Report
of
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The undersigned, acting as a Committee of the Graduate School, have read the accompanying thesis submitted by Ethel Lowerre Phelps for the degree of Master of Science.

They approve it as a thesis meeting the requirements of the Graduate School of the University of Minnesota, and recommend that it be accepted in partial fulfillment of the requirements for the degree of Master of Science.

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May 25 ²¹ 1918

AN ANALYSIS OF TEXTBOOKS
IN CLOTHING AND TEXTILES

by

Ethel Lowerre Phelps

A thesis submitted to
the Faculty of the Graduate School
of the University of Minnesota

in partial fulfillment of
the requirements for the
degree of Master of Science

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AN ANALYSIS OF TEXTBOOKS IN CLOTHING AND TEXTILES

INTRODUCTION

Aims

The purpose of this investigation is to trace the development of the subject matter of clothing and textiles as reflected by textbooks, and to ascertain the persistency and recurrence of fundamental problems within that field as determined by such texts. It is not proposed to give a complete history of the development of that phase of home economics. Textbook analysis is one method of discovering and recording the development of any school subject. Other methods, such as a study of curricula, and the collection of data from the general literature on the subject, would be necessary to complete the picture of the history of clothing and textiles as school subjects, but these methods and sources are not used here.

Any study making contributions to the history of a special subject may fulfill various functions, the nature of which will depend upon the adaptations made of the date presented. In general, such material has a three-fold function, to add its bit of enrichment to the store of general culture, to provide opportunity for other workers to orient themselves with a minimum

loss of time within the lines of their specialization, and to present in compact form information concerning the work done in the subject to date, from which point future work may proceed. In addition to the specific aims here indicated, it is hoped that these general aims may be satisfied in part by the present study.

General Field of the Problem

Home economics as a subject in the curriculum is relatively young. Its introduction has been attributed in part to changes in the social, industrial and economic life of the last century, and has in particular been associated with the marked change in the economic status of women, as a result of which they have become primarily consumers, instead of important producers, of economic goods.¹ The various phases of home-making as they are presented in courses of study in the United States are now quite generally known by the group title--Home Economics. The nomenclature, Domestic, or Household Arts and Domestic Science, was generally used at an earlier period and was much less inclusive. It was an outgrowth of a period when home economics was commonly conceived to consist simply of sewing and cooking. Of these two, sewing is the older school subject.

"As early as 1835, the ladies of the Seamen's Aid Society petitioned the School Board of Boston praying that needlework might

¹ Bevier, *The Home Economics Movement*, p.5
Jessup, *Social Factors Affecting Special Supervision*, p.51,52
Cooley, Winchell, Spohr and Marshall, *Teaching Home Economics*, pp.3-10

be taught to the girls in the grammar schools."¹ Their request, "as well as the earlier recognition" (of the need for sewing in the schools) "which concerned only the primary schools (1821), resulted in little. This is not surprising as the provision was only permissive, and the earlier recommendation hardly that."² Sewing was introduced in some schools in the eastern states in 1870.³ In 1876 an act of the Massachusetts Legislature authorized the introduction of sewing "in any city or town, and in all the public schools, in which the school committee of said city or town deemed it expedient."⁴ In 1881 sewing was made a part of the course of study of the Philadelphia Normal School, and later, in 1883, of the course of study of the Grammar School of that city, both projects being backed by the Public Education Association. "This Association has had a great influence on the schools of that city, and has served as a medium through which the changing social pressures have been transmitted to the school authorities."⁵

Method

Textbook studies have been made in other fields for various purposes. A brief resume of each of these studies follows, which will indicate the nature of the work and the method used.

In 1914, Bagley and Rugg began a study of history texts as

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- 1 Jessup, Social Factors Affecting Special Supervision, p.52
 - 2 Ibid., p.53
 - 3 Bevier, Home Economics Movement, p.13
 - 4 Jessup, Social Factors Affecting Special Supervision, p.55
 - 5 Ibid., p.58

one method of determining "minimal essentials" in elementary history. As nearly as possible, first editions of textbooks extensively used in the seventh and eighth grades were selected, twenty-three in all being analyzed and compared, the time of publication ranging from 1865 to 1912. The aim as outlined was "to present facts and raise problems, rather than to set forth conclusions, or solutions."¹ Under the general characteristics of the books, the following items were noted:- organization, appendices, references and bibliographies, questions, outlines and problems, style, anecdotal material, pictures and maps. The size and scope of the books and the distribution of space among the larger topics were ascertained by computing the number of words per book, the topics and amount of space devoted to them being then determined for each book.² The books were grouped in chronological order and throughout the major part of the discussion this grouping was retained.

"In determining the vocabulary that is thought to be common to childhood", Jones, in 1915, made an analysis of the vocabularies of ten primers in common use.³

Jessup and Coffman⁴ in their discussion of the supervision of arithmetic, published in 1916, devoted one section to the consideration of judging textbooks. In order to show the

¹ Bagley and Rugg, The Content of American History, p.8

² Ibid., p.8

³ Jones, Standard Vocabulary, p.38

⁴ Jessup and Coffman, The Supervision of Arithmetic, p.110 ff.

changing character of textbooks, ten arithmetic texts covering a period of sixty-five years were studied. The historical variation of percentage and its applications was used as an illustration, the date of publication, plan, number of pages, number of applications, number of rules, number of problems, number of examples, per cent of book space, character of problems, and the number of special problems being tabulated.

In order to determine "whether there had been any change (1) in content or (2) in the relative emphasis of the topics as indicated by the amount of space devoted to them",¹ the amount of space and the number of problems appearing under each of the subdivisions of mensuration were checked and shown by graphs. For this phase of the study, thirty-one texts, with dates of publication ranging from 1796 to 1912, were examined.

Five elementary arithmetics in current use were studied² for the purpose of comparing the similarity of their structure. In addition, four grammar grade textbooks were submitted to careful analysis³ to determine such facts as the particular topics included, the number of problems on each topic, the number of lines of introductory material, the number of teaching devices, and the relative emphasis on different subjects.

Later, in 1917, Monroe⁴ made a study of the types of problems found in four arithmetic textbooks.

Results of further work in the field of mathematics were

¹ Jessup and Coffman, *The Supervision of Arithmetic*, p.117 ff.
² *Ibid.*, p.122 ff.
³ *Ibid.*, p.132 ff.
⁴ Monroe, *The Economy of Time in Arithmetic*, pp.112-127

published in 1918 by Rugg and Clark as part of a study of the reconstruction of ninth grade mathematics, the immediate object of the textbook study being the determination of time distribution for the course. Nine representative texts in current common use by members of the University of the Illinois High School Conference and of the North Central Association of Secondary Schools and Colleges were chosen. Data were tabulated for three types of problems:- verbal, formal, and graphs.¹ The percentage of total problems in each text devoted to each of the outstanding operations in algebra also was compiled. The distribution of subject matter in a limited number of trade-school texts, corporation-school texts, "general", and junior high school texts was studied on the basis of the number of problems devoted to the various phases of the subject.

Housh's study of second-year readers, published in 1918, aimed to determine scientifically the vocabulary of ten second-grade readers in common use.² Words were counted and listed in order to determine the entire vocabulary of each reader and the common vocabulary of the group.

Woody, in 1920, published a report of a study to determine "the application of scientific method in evaluating the subject matter of spellers."³ The words contained in each of five widely-used books were carefully checked against a list of 3105 commonly used words, this list having been carefully prepared

¹ Rugg and Clark, *Scientific Method in the Reconstruction of Ninth-Grade Mathematics*, p.26, ff.

² Housh, *Analysis of Vocabularies of Ten Second-Year Readers*, p.40, ff.

³ Woody, *Application of Scientific Method in Evaluating Subject Matter of Spellers*, pp.119, 120 ff.

in previous studies aiming to determine the social need for spelling. "In making these comparisons, the subject matter of the different spellers was the only factor taken into consideration, no attention being given to physical features of the books, provisions for review, suggestions for teachers, suggested methods, gradation of words, or price." Trilling and others in 1920 report "the findings of a survey of the status of home economics in the public schools of the United States", one phase of which was "a minute analysis of the textbooks by which much of the teaching practice is controlled."¹ Nineteen textbooks in current use were selected for study, this choice being based upon returns from a questionnaire sent to a large number of cities. Ten of these were books used in the study of clothing and shelter, and nine were commonly used in the study of food. The topics finally employed as a basis for analysis were selected after experiment and were adapted to all the books analyzed. The number of words per topic was used as a basis for tabulation, and the percentage devoted to each topic was calculated. Both gross and minute analyses were made and the findings discussed. Comparisons were made of the amounts of emphasis upon different types of work, such as informational, judgment-developing, and skill-developing. This study aimed to cover the whole field of home economics. Furthermore, within that portion devoted to clothing and textiles, the following topics were noted in addition to the above:- (1) percentage space given to textiles, dress design, and sewing; (2) the rela-

¹ Trilling and others, Home Economics in American Schools, p.1

tive emphasis placed upon drafting and the use of commercial patterns, (3) the order in which subjects are introduced.

The method of analysis used in the present study is outlined in the following paragraphs.

Basis for selection of books. A list of clothing and textiles textbooks was prepared from bibliographies, references, and book lists published by various colleges and libraries, or included in bulletins, texts, or reference books. With the few exceptions noted below, all of those books retained for analysis contained statements by the author indicating that they were intended for use as text books. Three exceptions were made, two of these being books which belonged to a period of which there were only few representatives, and which in form and content closely resembled a textbook, and one being a book which is known to have been used as a text. The final list included forty-three books. All these were American publications, with the exception of four, which were English, but which were published by firms maintaining large branch establishments in this country, and which have apparently been used widely enough to be carried in stock by the American branches of the firms.

General survey of the books. The following general facts were recorded for each book.

Date of publication
Author
Title
Publisher
Place of publication

Purpose of book

Number of pages

Average number of words per page

Number of graphs, tables, photographs and drawings
used

Character of legends appended to illustrations

Style

First editions of all the titles were not available and would have constituted no more representative a selection than later printings. To be absolutely accurate and to have a perfectly representative selection of books, all editions and printings of all the texts should have been studied. This procedure would have caught all changes in the subject matter, but was not possible. Each book used in the investigation was listed under the date of printing of the copy analyzed.

A statement of the grade or type of school for which the specific volume was intended has been used as the purpose of the book. This information was gleaned from the title-page, preface, or introduction.

The average number of words per page was determined by counting all of the words in five different samples, each consisting of ten lines of text. These samples were chosen so as to include sparsely as well as closely printed sections. The average number of words per line was multiplied by the number of lines in a full page, which gave the average number of words per page.

Bases for analyses and manner of selection of same. The scheme for analysis adopted was devised as a result of a trial

and error method of experimentation with the first few books studied and of experience in teaching the subject matter involved. (see Table 1) This scheme proved to be usable for all the texts. It separated the whole field of clothing and textiles into three groups. These three groups were divided into fourteen topics for purposes of gross comparison, and these fourteen topics were then subdivided into fifty-four subtopics. The use of these sub-topics made possible detailed comparisons of subject matter and were necessary in order to subdivide and analyze satisfactorily the contents of the various books studied.

Table 1. The Subdivisions of Topics Used for Analysis

| Groups | Topics | Subtopics |
|----------|----------------------------------|--|
| Clothing | General instruction and supplies | General instruction Supplies Taking measurements Sewing machine and its use |
| | Patterns, drafting and draping | Drafting and pattern making Use of commercial patterns Preparation of dress form Pattern design and draping |
| | Applied design | History of costume Principles of clothing design Principles of color and applications |
| | Sewing processes | Sewing stitches Seam finishes Edge finishes Decorative finishes Embroidery Plackets Fastenings |
| | Garment construction | Children's clothes Underwear |

Table 1. (continued) The Subdivisions of Topics Used for Analysis

| Groups | Topics | Subtopics |
|---------------|------------------------|---|
| Textiles | | Waists Skirts Dresses Coats Boys' suits Household articles Remodelling |
| | Care of clothing | Care of clothing Removal of spots and stains Mending |
| | Millinery | Millinery |
| | Textile manufacture | Primitive textile industries Origin of dress Textile manufacturing processes Weave structure Fabric design Knitted fabrics Dyeing Cotton Wool Flax Silk Artificial silk Minor fibers Classification of fibers Characteristics of fibers |
| | Fabrics and their uses | Fabric study Tests for fabrics Economics of clothing and buying Hygiene of clothing |
| Miscellaneous | Foreign material | Teacher's supplements Other topics not textiles and clothing |
| | Blank | Blank |
| | Bibliography | Clothing references Textiles references Design references |
| | Index | Index |
| Totals | | |

The following subdivisions are listed according to the classification of subject matter used for this study.

General instruction--preliminary survey of the problem, folding and placing, marking, basting, pressing, cutting, sponging, right and wrong side of cloth, shrinking, matching stripes and plaids, posture, calculation of amounts of cloth needed, etc., where no reference to some special problem or garment.

Supplies--supplies and equipment

Use of commercial patterns--general directions for use, interpretation, alteration, and adaptation

Principles of clothing design--applications of principles of design, personality, use, texture, etc.

Principles of color and applications--similar to above with reference to color

Sewing stitches--basting, running, hemming, etc., napery or damask hemming, blind or slip-stitching, stitching, hemstitching, catchstitching, tailor's tacks.

Seam finishes--all lingerie and tailored seam finishes, as French, fell, etc.

Edge finishes--hems, facings, bindings, bands, bias folds, cording, piping, machine hemstitching, rolling and whipping, mitering and joining lace, fringe, ruffles

Decorative finishes--shirring, tucking, plaiting, bar and arrow-head tacks, puffings, applique, braid^{ing} ruchings

Embroidery--decorative stitches, smocking, beading

Plackets--plackets, gussets, strengthening tapes

Fastenings--buttons and buttonholes, hooks and eyes, eyelets,
loops, bound buttonholes

Children's clothes--garments for children, infants and dolls

Undergarments--petticoats, corset covers, drawers, chemises,
night gowns, pajamas, sleeve protectors, caps,
aprons, bibs

Waists--specific directions for fitting and making, middy
blouses, net linings and other linings, tailored and
lingerie waists, sleeves, collars and jabots, yokes,
dressing saque, boy's shirts

Skirts--outside skirts of cotton, wool or silk, pockets

Dresses--dresses of cotton, wool or silk, wrappers

Boy's suits--boy's suits, gymnasium suits

Household articles--tapes on towels, button bag, iron holder,
needlebook, napkin ring, wash rags, handkerchief
case, hair receiver, filing pocket, silver cases,
bags, broom cover, travelling case, napkins, ironing
board cover, towels, handkerchiefs, curtains, laun-
dry bag, pillow cases, sofa cushions, table covers,
luncheon set, pin cushion, sewing book, pillows,
sheets and bed linen, patchwork, carpet rags, table
linen, doilies, bed spreads, covers for garments

Remodelling--making-over and alteration

Care of clothing--fireproofing, laundering, summer and winter
storage, protection from moths, laundering and laun-
dry supplies, airing, hanging up

Mending--patching, darning, and other types of mending

Textile manufacturing processes--history of development and
general discussion

Dyeing--methods of dyeing, home dyeing, setting colors

Cotton, flax, wool, etc.--growth, production, manufacture of
specific fiber in question

Characteristics of fibers--physical and chemical properties

Fabric study--materials for various uses, standard fabrics,
prices and character of fabrics, laces and embroid-
eries

Economics of clothing and buying--clothing budgets, buying, la-
bor conditions, Consumer's League

Other topics not textiles and clothing--making beds, interior
decoration, student's record, etc.

Textbooks analyzed in this study. The clothing and textiles
textbooks analyzed in this study are arranged chronologically
as follows:

Church, Ella Rodman, The Home Needle. New York, D. Appleton &
Co., 1882. Pp. 122; words per p. 350.

Hapgood, Olive C., School Needlework--A Course of Study in Sew-
ing Designed for Use in Schools. Boston, Ginn & Co., 1892,
Pp. 172; words per p. 288.

Davis, Jeanette E., The Elements of Modern Dressmaking for the
Amateur and Professional Dressmaker. New York, Cassell
Publishing Co., 1894, Pp. 193; words per p. 360.

Broughton, Mrs. J., Practical Dressmaking for Students and
Technical Classes. London, Macmillan & Co., 1897, Pp.
190; words per p. 297.

- Banner, Bertha, Household Sewing with Home Dressmaking. London, Longmans, Green & Co., 1898. Pp. 158; words per p. 297.
- Wakeman, Antoinette Van Hoesen and Heller, Louise M., Scientific Sewing and Garment Cutting. New York, Silver, Burdett & Co., 1898. Pp. 155; words per p. 352.
- Patton, Frances, Home and School Sewing. New York, Newson & Co., 1901. Pp. 222; words per p. 270.
- Blair, Margaret J., Manual of Exercises in Hand Sewing, Adopted by Industrial and Graded Schools. St. Paul, Webb Publishing Co., 1904. Pp. 105; words per p. 290.
- Blair, Margaret J., Sewing and Garment Drafting. St. Paul, Webb Publishing Co., 3rd Edition revised; 1904. (First Edition 1901.) Pp. 170; words per p. 319.
- Johnson, Catherine F., Progressive Lessons in the Art and Practice of Needlework for Use in Schools. Boston, D. C. Heath & Co., 2nd Edition revised, 1904. (First Edition 1893; reprinted 1908.) Pp. 115; words per p. 372.
- Krolik, Sarah Elwell, Hand Sewing Lessons--A Graded Course for Schools and for the Home. Chicago, Educational Publishing Co., 1905. (First Edition 1901.) Pp. 86; words per p. 341.
- James, T. M., Longman's Complete Course of Needlework, Knitting and Cutting-out. London & New York, Longmans, Green & Co., 1906. Pp. 452; words per p. 370.
- Watson, Kate H., Textiles and Clothing. Chicago, American School of Home Economics, 1908. (First Edition 1906.) Pp. 234; words per p. 261.
- Kirkwood, Louis J., Illustrated Sewing Primer, With Songs and

Music for Schools and Families. New York, American Book Co., 1909. (Copyright dated 1881.) Pp. 82; words per p. 161.

Goodwin, Minna E., Course in Sewing. Practical Instruction in Needlework for Use in Schools and at Home. Books I, II, III. New York, Frank D. Beattys & Co., 1910. Pp. 123; words per p. 330.

Woolman, Mary Schenck, A Sewing Course. New York and Buffalo, F. A. Fernald, 5th Edition revised, 1910. (First Edition 1893.) Pp. 137; words per p. 303.

Blair, Margaret J., A New and Practical Course of Graded Sewing Texts. Seven tablets. St. Paul, Webb Publishing Co., 1911. Pp. 241; words per p. 517.

The Dressmaker. New York, Butterick Publishing Co., 1911. Pp. 130; words per p. 826.

Ingalls, Carrie Crane, Text-book on Domestic Art. San Francisco, Cunningham, Curtis & Welch, 1911. Pp. 232; words per p. 203.

Gibbs, Charlotte M., Household Textiles. Boston, Whitcomb and Barrows, 1912. Pp. 238; words per p. 279.

Meldrum, E. L., Sewing Laboratory Manual. Kansas City, Kan., E. L. Meldrum, 1912. Pp. 44, words per p. 480.

Wilson, Lucy L. W., Handbook of Domestic Science and Household Arts for Use in Elementary Schools. New York, Macmillan & Co., 1912. (First Edition 1912.) Pp. devoted to clothing 23; words per p. 676.

Woolman, Mary Schenck and McGowan, Ellen Beers, Textiles--A Handbook for the Student and the Consumer. New York, Mac-

millan Co., 1913. Pp. 438; words per p. 350.

Cook, J. C. and Kidd, H. M., Dressmaking in the School. London and New York. Longmans, Green & Co., 1914. Pp. 149; words per p. 480.

Dooley, William H., Textiles. Boston, D. C. Heath & Co., Revised Edition 1914. (First Edition 1910.) Pp. 329; words per p. 270.

Osborne, Leno, Food and Clothing. Chicago, Row Peterson & Co., 1914. Pp. devoted to clothing 47; words per p. 232.

Kinne, Helen and Cooley, Anna M., Shelter and Clothing--A Textbook of the Household Arts. New York, Macmillan Co., Reprinted 1915. (Copyright dated 1913.) Pp. 380; words per p. 330.

Baldt, Laura I., Clothing for Women--Selection, Design, Construction. Philadelphia, J. B. Lippincott Co., 1916. Pp. 437; words per p. 468.

Burton, I. R. and M. G., School Sewing Based on Home Problems. Muncie, Ind., Vocational Supply Co., 1916. Pp. 388; words per p. 480.

Flagg, Etta Proctor, A Handbook of Elementary Sewing. Boston, Little, Brown & Co., 1916. (First printing 1915.) Pp. 76; words per p. 261.

Kinne, Helen and Cooley, Anna M., Clothing and Health--An Elementary Textbook of Home-making. New York, Macmillan Co., 1916. Pp. 302; words per p. 290.

Nystrom, Paul, Textiles. New York, D. Appleton & Co., 1916. Pp. 351; words per p. 335.

- Coates, Lydia T., American Dressmaking Step by Step. New York, Pictorial Review Co., 1917. Pp. 254; words per p. 440.
- Fales, Jane, Dressmaking--A Manual for Schools and Colleges. New York, Charles Scribner's Sons, 1917. Pp. 516; words per p. 441.
- Fuller, Mary E., Constructive Sewing. Indianapolis, Industrial Book and Equipment Co., 1917. Books I, II, III, IV in two volumes. Pp. 329; words per p. 504.
- McGlaufflin, Idabelle, Sewing Handicraft for Girls. Peoria, Ill. Manual Arts Press, 1918. (First printing 1910.) Pp. 110; words per p. 363.
- Rhoe, Mary Jane, The Dress You Wear and How to Make It. New York, G. P. Putnam's Sons, 1918. Pp. 173; words per p. 161.
- Turner, Annabell, Sewing and Textiles--A Textbook for Grades and Rural Schools. New York, D. Appleton & Co., 1918. Pp. 246; words per p. 240.
- McGowan, Ellen B. and Waite, Charlotte A., Textiles and Clothing. New York, Macmillan Co., 1919. Pp. 268; words per p. 340.
- Schmit, Celestine L., Garments for Girls. New York, The Century Co., 1919. Pp. 247; words per p. 203.
- Cooley, Anna M. and Spohr, Wilhelmina H., Household Arts for Home and School. New York, Macmillan Co., 1920. Pp. 433; words per p. 261.
- Matthews, Mary L., Elementary Home Economics. Boston, Little, Brown & Co., 1921. Pp. devoted to clothing and textiles 153; words per p. 272.

Tabulation of data and units of distribution. Each book in the preceding list was carefully analyzed, using the fifty-four subtopics listed in Table 1. The total number of pages (including illustrations) and the number and size of illustrations were recorded for each subtopic, size of illustrations being determined on the basis of the number per page.

From the above mentioned analyses, a table was prepared for each book showing the distribution of subject matter among the fourteen large topics. (see Appendix, Tables 30-72) The following information was tabulated:- the total number of pages (including both illustrations and text), the number of pages of text, and the number of pages of, and the number of, illustrations, both on the basis of the number of words per printed page and on the basis of a standard page. Three hundred fifty words were chosen as the size of a standard page after averaging the number of words per page for the first seventeen books analyzed. As a third basis of comparison, the following percentages were computed for each topic and included in the tabulation--total (text and illustrations), text, illustrations. From these analysis sheets, summaries and tables have been prepared.

A question might be raised as to the fairness of comparing all these books, inasmuch as the aims or purposes are not identical. Trilling and others report findings to the effect that clothing and textiles textbooks, like texts in other fields, have been used with considerable disregard of the purposes outlined by the authors.¹ Inasmuch as this practice has obtained rather

¹ Trilling and others, Home Economics in American Schools, pp. 25, 26.

generally, the above mentioned comparison which disregards the authors' aims or purposes is permissible. "As evidenced by this study, identical textbooks are used in a number of cases in the elementary grades, in the various years of the high school and in college."¹ This statement is substantiated by a table in which is given the number of high schools and elementary schools using ten well-known clothing and textiles books as basic texts.

¹ Trilling and others, Home Economics in American Schools, p.25

GENERAL CHARACTERISTICS OF THE BOOKS

Types of Schools Provided For

The type of school provided for by textbooks in the field of clothing and textiles has varied widely. The majority of these books have been planned for the grades. Between 1910 and 1919, when over half of them were published, provision was made for eleven different types or combinations of schools in which clothing and textiles work might be offered. Seven of these twenty-seven outlined work beyond high school grade, three outlined work of high school grade, twelve of elementary grade, four were planned for various technical and special schools, and one for the home. This last is known to have been used as a text for elementary work at least. From 1890 to 1899, the high school was the most advanced grade for which clothing and textiles textbooks were furnished; from 1900 to 1909, one book was intended for use in normal and high schools; and from 1910 to 1919, four were written for colleges and high schools, and one for college work. (see Table 2) With the introduction of clothing and textiles in various types of schools and colleges, the work outlined in clothing and textiles textbooks has been changed gradually, so as to meet the changing demands.

Period of Publication

The dates of publication for the whole group of books

Table 2. Types of Schools Provided for by Clothing and Textiles Textbooks Analysed by Decades

| Types of Schools | 1880- 1889 | 1890- 1899 | 1900- 1909 | 1910- 1919 | 1920- | Total |
|---|---------------|---------------|---------------|---------------|-------|-------|
| Grades | | 2 | 6 | 11 | 1 | 20 |
| Elementary and junior high school | | | | | 1 | 1 |
| Elementary and trade schools | | | | 1 | | 1 |
| Vocational and trade schools | | | | 1 | | 1 |
| Continuation & technical courses | | 1 | | 2 | | 3 |
| Correspondence courses | | | 1 | | | 1 |
| Evening schools | | | | 1 | | 1 |
| High schools | | 1 | | 3 | | 4 |
| Normal and high schools | | | 1 | 1 | | 2 |
| Normal schools | | | | 1 | | 1 |
| Colleges and high schools | | | | 4 | | 4 |
| Colleges | | | | 1 | | 1 |
| Home | 1 | 1 | | 1 | | 3 |
| Totals | 1 | 5 | 8 | 27 | 2 | 43 |

studied range from 1882 to 1921. Dividing this period into decades, it will be seen that twenty-seven of the forty-three books, or sixty-three percent, were issued during the decade ending with 1919. As only one was published previous to 1890, there are three significant decades to consider. Between 1890 and 1900, five books appeared; during 1900 to 1909, the number was increased to eight, a sixty percent gain over the product of the previous decade. The increase in publication during the next period, 1910-1919, amounted to one hundred eighty-seven and one-half per cent of the number of books published between 1900 and 1910, and four hundred forty per cent of those printed and offered for sale in 1890 to 1899. (see Table 3)

Table 3. Distribution of Dates of Publication of Clothing and Textiles Textbooks Analyzed by Semi-Decades

| Period | No. of books analyzed |
|-----------|-----------------------|
| 1880-1884 | 1 |
| 1885-1889 | |
| 1890-1894 | 2 |
| 1895-1899 | 3 |
| 1900-1904 | 4 |
| 1905-1909 | 4 |
| 1910-1914 | 13 |
| 1915-1919 | 14 |
| 1920- | 2 |
| Total | 43 |

Arranged on a basis of semi-decades, it will be seen that

there is a fairly gradual increase in the number of clothing and textiles texts published during each of the five year periods between 1890 and 1910. Thirteen were published from 1910 to 1914, an increase of two hundred twenty-five per cent over the output of the preceeding period, while the following five years saw the number raised to fourteen. (see Table 4)

Table 4. Distribution of Dates of Publication of Clothing and Textiles Textbooks Analyzed by Decades

| Period | No. of books analyzed |
|-----------|-----------------------|
| 1880-1889 | 1 |
| 1890-1899 | 5 |
| 1900-1909 | 8 |
| 1910-1919 | 27 |
| 1920- | 2 |
| Total | 43 |

The period of greatest productivity in the publication of clothing and textiles textbooks to date has been the ten years between 1910 and 1920, a period which would doubtless be found to coincide with a somewhat similar interval in the development of the subject in the school program.

Organization

No record was kept of the sequence of the topical organization of subject matter. One general observation might possibly be made, that there would seem to have been almost as many orders of sequence as there were authors, although a careful

study of this phase of the subject would doubtless reveal certain tendencies of organization, or groups of authors who tended to follow a somewhat similar plan.

To illustrate this, a list was made of the large divisions or chapter headings of the five textiles texts included in the list of books analyzed, and of one of the books devoting a large portion of space to textiles. These six are Watson (1908), Gibbs (1912), Woolman and McGowan (1913), Dooley (1914), Nystrom (1916), and McGowan and Waite (1919). The number of such large divisions would seem to be almost as varied as their order.

Watson (1908)

- I Primitive methods (manufacture)
- II Fibers
- III Modern methods (manufacture)
- IV Weaves
- V Bleaching, dyeing, printing, finishing
- VI Fabrics

Gibbs (1912)

- I Early development of textile arts
- II Spinning and weaving
- III Classification of fibers
- IV Cotton
- V Wool
- VI Silk
- VII Linen
- VIII Bleaching and dyeing

- IX Adulterations and buying
- X Hygiene of clothing materials
- XI Design and color in textile fabrics
- XII Labor conditions and efforts to improve them
- XIII The arts and crafts movement
- XIV Laboratory tests for textile fibers

Woolman and McGowan (1913)

- I Beginnings of textile industries
- II Spinning
- III Hand weaving
- IV Power' weaving
- V Woolen and worsted--raw materials
- VI Woolen and worsted--manufacture
- VII Cotton
- VIII Silk
- IX Linen and minor fibers
- X Consumer's judgment of textiles
- XI Microscopic study of textile fibers
- XII Chemical study of textile fibers
- XIII Dyeing of textile fibers
- XIV Laundry notes
- XV Hygiene of clothing
- XVI Some economic and social aspects
- XVII Clothing budgets

Dooley (1914)

- I Fibers
- II Wool sorting

- III Wool substitutes and waste products
 - IV Worsted yarn
 - V Woolen yarn
 - VI Weaving
- VII Dyeing and finishing
- VIII Woolen and worsted fabrics
 - IX Cotton
 - X Manufacture of cotton yarn
 - XI Thread and cotton finishing
- XII Knitting
- XIII Lace
 - XIV Cotton fabrics
 - XV Flax
 - XVI Hemp
- XVII Silk
- XVIII Principal silk fabrics
 - XIX Artificial silk
 - XX Substitutes for cotton
- XXI Appendix: testing and history of textiles

Nystrom (1916)

- I The textile fibers
- II Historical sketch of the textiles
- III Mechanical devices for preparation
- IV Cotton production
 - V Cotton marketing
 - VI Cotton manufacturing
- VII Geography of the cotton trade

- VIII Distribution and prices of cotton goods
- IX Linen
- X The classes of wool
- XI The production of wool
- XII Wool marketing
- XIII The manufacture of wool
- XIV The geography of wool production
- XV Mohair, its nature and uses
- XVI Raw silk production
- XVII Silk manufacturing
- XVIII The manufacture of silk waste
- XIX Imitations of silk
- XX Construction, color and finish of cloth
- XXI Dyeing and printing
- XXII Cloth finishing
- XXIII The care of textiles
- XXIV Textile tests

McGowan and Waite (1919)

- I The textile fibers
- II Spinning and weaving
- III Structure of fabrics
- IV Cotton
- V Flax
- VI Wool
- VII Silk
- VIII Textile testing
- IX Care and repair of clothing
- X Economics and hygiene of clothing

In spite of the apparent dissimilarity of these chapter headings, certain points of similarity are to be observed. Methods of textile manufacture, both primitive and modern, and the study of the production and manufacture of textile fibers are included in all six lists. Finishing processes, such as bleaching and dyeing and laboratory tests are found specially noted as chapter headings in five of these books. Other subjects occur in this capacity a fewer number of times. Chapter headings are indicative of variations in organization, but are not measures of variation in the actual subject matter content of the books.

The order of subject matter arrangement, as well as the content, was undoubtedly influenced by the purpose of the book. Watson was written for a correspondence course, Gibbs for high school courses, Woolman and McGowan for "college classes, study clubs and the housekeeper or individual consumer", Dooley for "commercial, industrial and domestic arts schools, also for those engaged in wholesale and retail dry goods, wool, cotton and dressmakers' trades", Nystrom partly for "educational institutions conducting courses of instruction in the textile field", and McGowan and Waite "primarily to meet a need arising from the introduction of the study of textiles into the curriculum of the high school." This variety of purpose, of number of large divisions used, and of character and order of such divisions would probably be found to be quite as marked among the thirty-eight books devoted wholly or in part to the study of clothing as it is in these five.

Style

Most of these clothing and textiles texts are expository, or partly expository and partly descriptive in style. In 1900-1909, one was written in question and answer form, and each of the two following periods produced a book which was developed as a narrative. This would seem to indicate that exposition is quite generally accepted as the most satisfactory form in which to present clothing and textiles subject matter in text books. (see Table 5)

Illustrations

The illustrations used in textbooks dealing with these subjects have increased in number and changed somewhat in character during the period studied. Between 1890-1899, four of the five books had not more than 100 illustrations, six out of seven did not exceed the same number during 1900-1909, while during 1910-1919, thirteen of the twenty-seven exceeded 100 illustrations per book, three of them, in fact, having more than 300 illustrations in all. (see Table 6)

The variation in size of illustrations used has not been as great as the variation in number. For the whole period, a little less than a third of all the illustrations have occupied more than a third of a page, while more than two-thirds of them have occupied a fourth of a page or more. The popularity of a one-third or one-fourth page illustration is clearly seen in every decade, with the exception of 1880-1889, which is represented by only one book, and 1900-1909, when the balance

Table 5. Distribution of Style of Writing Used in Clothing and Textiles Textbooks Analysed.

| Style of Writing | 1880- 1889 | 1890- 1899 | 1900- 1909 | 1910- 1919 | 1920 - | Total |
|------------------------|---------------|---------------|---------------|---------------|--------|-------|
| Question and answer | | | 1 | | | 1 |
| Narrative | | | | 1 | 1 | |
| Exposition | 1 | 5 | 7 | 26 | 1 | 40 |
| Totals | 1 | 5 | 8 | 27 | 2 | 43 |

Table 6 . Distribution of Number of Illustrations per Book in Clothing and Textiles Textbooks Analysed by Decades.

| Number of illustrations | 1880-1889 | 1890-1899 | 1900-1909 | 1910-1919 | 1920- | Total |
|-------------------------|-----------|-----------|-----------|-----------|-------|-------|
| 0- 49 | 1 | 2 | 2 | 10 | | 15 |
| 50- 99 | | 2 | 4 | 4 | 1 | 11 |
| 100-149 | | 1 | 1 | 5 | 1 | 8 |
| 150-199 | | | | 2 | | 2 |
| 200-249 | | | | 1 | | 1 |
| 250-299 | | | | 2 | | 2 |
| 300-349 | | | | 2 | | 2 |
| 350-399 | | | 1 | 1 | | 2 |
| Totals | 1 | 5 | 8 | 27 | 2 | 43 |

of favor lay with a larger size, one-half or full page. (see Table 7)

All these books were illustrated, but not all the illustrations were of the same kind. The forty-four illustrations in the one book published in 1880-1889 were drawings. In the following decade, nine photographs were used in addition to 294 drawings, four books using drawings only, and one using a combination of drawing and photographs. The drawings used from 1900 to 1910 numbered 680 against 164 photographs and two graphs, four of the eight books using drawings only, one photographs only, and three a mixture of both. From 1910 to 1920, nineteen books used a combination of both kinds, six used drawings, and two used photographs, including 1871 drawings, 1474 photographs and seven graphs. While drawings are still a very popular kind of illustration, the use of photographs has increased during three decades from three to forty-four per cent of all the illustrations. The character of both drawings and photographs used has shown a marked improvement, part of which is due to improved methods of reproduction, part to increased experience in the use of illustrative material. (see Table 8)

The use of graphs is limited, but seems to be increasing. Tables have been used more commonly than graphs and have been increasing gradually in number since 1890. Tables were most plentifully used between 1910 and 1919, when ten of a total of sixteen books contained eighty-two out of a total of 131 tables. (see Tables 9 and 10)

Throughout the whole period, the use of explanatory legends has predominated, but no gradual development in this fea-

Table 7. Distribution of Size of 4747 Illustrations in Clothing and Textiles Textbooks Analysed by Decades

| Size of illus. (no. per page) | 1880- 1889 | 1890- 1899 | 1900- 1909 | 1910- 1919 | 1920 - | Total |
|----------------------------------|---------------|---------------|---------------|---------------|--------|-------|
| 1- 2.9 | 30 | 94 | 382 | 1033 | 43 | 1582 |
| 3- 4.9 | 12 | 167 | 328 | 1162 | 118 | 1787 |
| 5- 6.9 | | 38 | 42 | 677 | 42 | 799 |
| 7- 8.9 | 2 | 4 | 94 | 233 | | 333 |
| 9-10.9 | | | | 38 | | 38 |
| 11-12.9 | | | | 207 | | 207 |
| 13-14.9 | | | | | | 0 |
| 15-16.9 | | | | 1 | | 1 |
| Totals | 44 | 303 | 846 | 3351 | 203 | 4747 |

Table 8 . Distribution of Kinds of Illustrations in Clothing and Textiles Textbooks Analysed by Decades

| Kind of illustrations | 1880-1889 | | 1890-1899 | | 1900-1909 | | 1910-1919 | | 1920- | | Total | |
|-----------------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|
| | No. of books | No. of illus. | No. of books | No. of illus. | No. of books | No. of illus. | No. of books | No. of illus. | No. of books | No. of illus. | No. of books | No. of illus. |
| Drawings | 1 | 44 | 4 | 294 | 4 | 680 | 6 | 1871 | 1 | 152 | 16 | 3044 |
| Photographs | | | | 9 | 1 | 164 | 2 | 1474 | | 51 | 3 | 1705 |
| Graphs | | | | | | 2 | | 7 | | | | 9 |
| Mixed | | | 1 | | 3 | | 19 | | 1 | | 24 | |
| Totals | 1 | 44 | 5 | 303 | 8 | 846 | 27 | 3352 | 2 | 203 | 43 | 4748 |

Table 9. Distribution of Graphs Used in Clothing and Textiles Textbooks Analysed by Decades

| Period | No. of books | No. of graphs |
|-----------|--------------|---------------|
| 1880-1889 | | |
| 1890-1899 | | |
| 1900-1909 | 1 | 2 |
| 1910-1919 | 2 | 7 |
| 1920- | | |
| Totals | 3 | 9 |

Table 10. Distribution of Tables Used in Clothing and Textiles Textbooks Analysed by Decades

| Period | No. of books | No. of tables |
|-----------|--------------|---------------|
| 1880-1889 | | |
| 1890-1899 | 2 | 14 |
| 1900-1909 | 3 | 34 |
| 1910-1919 | 10 | 82 |
| 1920- | 1 | 1 |
| Totals | 16 | 131 |

Table 11. Distribution of Character of Legend Used in Textbooks
Analysed

| Type of Legend | 1880- 1889 | 1890- 1899 | 1900- 1909 | 1910- 1919 | 1920 - | Total |
|--|---------------|---------------|---------------|---------------|--------|-------|
| None | | | | 1 | | 1 |
| Numbered | 1 | | 1 | 4 | | 6 |
| Part numbered & part brief ex- planatory | | | 2 | | | 2 |
| Explanatory | | 5 | 5 | 22 | 2 | 34 |
| Totals | 1 | 5 | 8 | 27 | 2 | 43 |

ture has been observed. One of the twenty-seven books published between 1910 and 1919 carried no legend under the illustrations, and four books had illustrations which were designated by members only. (see Table 11) That the use of legends may be quite as important a method of teaching as subject matter in paragraph form, has been recognized by a large proportion of the authors.

Bibliographical Material

The use of bibliographical and reference material has been increasing in amount since 1910. (see Table 12)

Table 12. Distribution of Bibliographical Material in Textbooks Analysed by Semi-Decades

| Period | No. of books | No. of references |
|-----------|--------------|-------------------|
| 1880-1884 | | |
| 1885-1889 | | |
| 1890-1894 | | |
| 1895-1899 | | |
| 1900-1904 | | |
| 1905-1909 | 1 | 59 |
| 1910-1914 | 4 | 293 |
| 1915-1919 | 6 | 396 |
| 1920- | | |
| Total | 11 | 748 |

It is of interest to note the relatively small amount of reference material which has been used in clothing and textiles

textbooks, and that the two latest contributions in this field contain no bibliographies. This may be explained in part by the scarcity of adequate reference material for clothing work, and by the technical nature of much of the reference material available in the field of textiles.

Indexes

Indexes have been used with gradually increasing frequency during the decades studied, the increase in use being most marked between 1910 and 1919. (see Table 13)

Table 13. Distribution of Clothing and Textiles Textbooks Analysed Containing Indexes by Semi-Decades

| Period | No. of books with index |
|-----------|----------------------------|
| 1880-1884 | |
| 1885-1889 | |
| 1890-1894 | 1 |
| 1895-1899 | 2 |
| 1900-1904 | 1 |
| 1905-1909 | 3 |
| 1910-1914 | 8 |
| 1915-1919 | 9 |
| 1920- | 2 |
| Total | 26 |

It should be noted, however, that but sixty-three per cent of the clothing and textiles textbooks published during that decade contained an index and that an index is to be found in

both of those already published in the present decade.

These changes in certain general features of the books studied are manifestations in this field of the general development to be observed in textbook making. They reflect our increasing knowledge of the use of illustrations, both as to kind, size and number, of the function and value of bibliographies, and indexes, and of other general features of a text.

SIZE AND SCOPE OF THE BOOKS

Size

The size of textbooks in clothing and textiles has varied considerably, and has shown a marked tendency to increase in the 1910-1919 period. This fact gains added significance when it is recalled that twenty-seven of the forty-three books studied were published during that time. The size of the books has been measured by the number of pages in the book, omitting foreign material,¹ the number of words per page as printed, and the number of 350-word pages, a size selected as standard for the purpose of comparison. In order that these comparisons might indicate what development, if any, had occurred in these special fields, clothing and textiles, those pages devoted to material of a foreign nature, and those which were blank, have been omitted.

The number of pages per book has gradually increased during the two decades following 1900. (see Table 14) The six books published previous to that date contained between 100 and 200 pages. Twenty-five per cent of those published during the following decade exceeded this number, one of the total of eight being in the 300 to 400 page group. During the 1900-1919

¹ "Foreign material" has been used in this study to include other topics which are not a part of the subject matter of textiles and clothing, such as making beds, interior decoration, student's record, directions to teachers, etc.

Table 14. Distribution of Number of Pages Text (Omitting Foreign Material) in Clothing and Textiles Textbooks Analysed by Decades

| Number of pages of text | 1880-1889 | 1890-1899 | 1900-1909 | 1910-1919 | 1920-Total |
|-------------------------|-----------|-----------|-----------|-----------|------------|
| 1-100 | | | 4 | 5 | 9 |
| 100-200 | 1 | 5 | 2 | 6 | 15 |
| 200-300 | | | 1 | 11 | 13 |
| 300-400 | | | 1 | 2 | 3 |
| 400-500 | | | | 2 | 2 |
| 500-600 | | | | 1 | 1 |
| Totals | 1 | 5 | 8 | 27 | 43 |

period, forty per cent had less than 200 pages each, while eighteen and one-half per cent had 300 or more pages each, and one book fell in the 500 to 600 page group. The total number of printed pages examined amounted to 8384, the average number per book being 194.97. Examined more minutely, (see Table 15) it will be seen that the 200 page level, which is practically that of the average, has been exceeded only since 1904, the upper limit having been reached between 1915 and 1919 when one book numbered 504 pages. This particular book was written in four parts, however, which may partially account for its bulk.

It is highly probable that the clearly marked tendency to increase in size, so far as number of pages is concerned, is evidence of an increasing volume of subject matter which has grown with the development of home economics, and of a freer use of illustrative material. In part, this growth of subject matter is due to an increased use of applications of science, economics, and art to the problems of clothing and textiles.

The number of words per page is largely determined by the size, style, and placement of the type used, as well as the dimensions of the page. No record was made of these factors, but the variation in them might be safely assumed to parallel that of textbooks in other subjects for similar grades. The number of words per page as printed has not exceeded the 300 to 400 group, except from 1910 through 1919. During this period, nine books had less than 300 words per page, eight had 300 to 400, and ten books were found to have between 400 and 900 words per page. The two books published since 1919 had between 200 and

Table 15. Distribution of Number of Pages Devoted to Clothing and Textiles in Textbooks Analysed by Semi-Decades

| Number of pages of text | 1880-1884 | 1885-1889 | 1890-1894 | 1895-1899 | 1900-1904 | 1905-1909 | 1910-1914 | 1915-1919 | 1920- | Total |
|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------|-------|
| 1- 50 | | | | | | 1 | 3 | 1 | | 5 |
| 50-100 | | | | | 2 | 1 | | 1 | | 4 |
| 100-150 | 1 | | | 2 | | | 5 | | 1 | 9 |
| 150-200 | | | 2 | 1 | 2 | | | 1 | | 6 |
| 200-250 | | | | | | 1 | 3 | 2 | 1 | 7 |
| 250-300 | | | | | | | 1 | 5 | | 6 |
| 300-350 | | | | | | | | | | 0 |
| 350-400 | | | | | | 1 | | 2 | | 3 |
| 400-450 | | | | | | | 1 | 1 | | 2 |
| 450-500 | | | | | | | | | | 0 |
| 500-550 | | | | | | | | 1 | | 1 |
| Totals | 1 | 0 | 2 | 3 | 4 | 4 | 13 | 14 | 2 | 43 |

300 words per page, which is lower than the average for the whole group, which was 348.9 words. There has, therefore, been relatively little change in the size of page used in texts in clothing and textiles during this period, as measured by the number of words per page. (see Table 16) The governing factors are such as are not likely to change greatly, namely, type of style and a size which may be easily read, and size of page which is convenient to hold in the hand.

A clearer idea of the relative size of these forty-three books may be obtained by comparing the number of 350-word pages in each devoted to clothing and textiles. (see Table 17) The average number of such pages has been 187.8. The percentage of books containing this number of pages has been decreasing gradually. During the first decade, one hundred per cent of the books had between 100 and 200 standard pages, between 1890 and 1899, eighty per cent came within this group, 1900 and 1909, thirty-eight per cent, 1910 and 1919 twenty-one per cent, and since 1919, 100 per cent. The most marked variation in size has occurred in the 1910-1919 period.

An evidence of the development of this subject has been the increasing number of 350-word pages per semi-decade. (see Table 18) Ignoring the present semi-decade just beginning, it will be seen that there has been a continuous growth in the amount of textbook material published in clothing and textiles as represented by these forty-three books, the greatest increases having occurred between 1910 and 1914, and between 1915 and 1919. This may be partially due to a wider introduction of the subject in schools, to its introduction into increasingly diversified

Table 16. Distribution of Number of Words per Page as Printed which were Devoted to Clothing and Textiles in Textbooks Analysed by Decades

| Number of words per page | 1880-1889 | 1890-1899 | 1900-1909 | 1910-1919 | 1920- | Total |
|--------------------------|-----------|-----------|-----------|-----------|-------|-------|
| 100-200 | | | 1 | 1 | | 2 |
| 200-300 | | 3 | 3 | 8 | 2 | 16 |
| 300-400 | 1 | 2 | 4 | 8 | | 15 |
| 400-500 | | | | 6 | | 6 |
| 500-600 | | | | 2 | | 2 |
| 600-700 | | | | 1 | | 1 |
| 700-800 | | | | 0 | | 0 |
| 800-900 | | | | 1 | | 1 |
| Totals | 1 | 5 | 8 | 27 | 2 | 43 |

Table 17. Distribution of Number of 350-Word Pages Devoted to Clothing and Textiles in Textbooks Analysed by Decades.

| Number of 350 word pages | 1880- 1889 | 1890- 1899 | 1900- 1909 | 1910- 1919 | 1920- | Total |
|-----------------------------|---------------|---------------|---------------|---------------|-------|-------|
| 0-100 | | 1 | 4 | 7 | | 12 |
| 100-200 | 1 | 4 | 3 | 6 | 2 | 16 |
| 200-300 | | | | 7 | | 7 |
| 300-400 | | | | 3 | | 3 |
| 400-500 | | | 1 | 2 | | 3 |
| 500-600 | | | | 1 | | 1 |
| 600-700 | | | | 1 | | 1 |
| Totals | 1 | 5 | 8 | 27 | 2 | 43 |

Table 18. Distribution of 350-Word Pages of Textbook Material in Clothing and Textiles Textbooks Analyzed by Semi-Decades

| Period | Number of 350-word pages |
|-----------|--------------------------|
| 1880-1884 | 113.00 |
| 1885-1889 | |
| 1890-1894 | 329.32 |
| 1895-1899 | 339.05 |
| 1900-1904 | 419.36 |
| 1905-1909 | 639.29 |
| 1910-1914 | 2134.46 |
| 1915-1919 | 3823.74 |
| 1920- | 279.97 |
| Totals | 8078.19 |

types of schools, or to the added interest in vocational education and the resultant demand for literature relating thereto.

Scope

Textiles and clothing textbooks have been developed as distinctly separate units in the literature of home economics. Although food courses have been associated with clothing courses in school curricula for several decades, but three of the texts studied contain sections devoted to foods. Three books include materials for other phases of home economics, of which shelter, home equipment, and care of the baby are examples. The remaining thirty-seven books are devoted to textiles or clothing, and contain no significant amount of other subject matter. Numerous

texts may be found in which clothing and textiles have been treated separately, or in which the two have been correlated to a greater or less degree. This condition is shown by the fact that nineteen of the forty-three books devoted ninety per cent or more of their space to clothing work, five devoted ninety per cent or more space to textiles, and the remaining nineteen contained varying amounts of both branches of the subject studied. (see Table 19)

Table 19. Distribution of Work Outlined in Clothing and Textile Textbooks Analyzed by Semi-Decades

| Period | Clothing, 90% or more | Clothing and textiles | Textiles, 90% or more | Total |
|-----------|--------------------------|--------------------------|--------------------------|-------|
| 1880-1884 | 1 | | | 1 |
| 1885-1889 | | | | |
| 1890-1894 | 1 | 1 | | 2 |
| 1895-1899 | | 3 | | 3 |
| 1900-1904 | 3 | 1 | | 4 |
| 1905-1909 | 3 | 1 | | 4 |
| 1910-1914 | 7 | 3 | 3 | 13 |
| 1915-1919 | 4 | 8 | 2 | 14 |
| 1920- | | 2 | | 2 |
| Totals | 19 | 19 | 5 | 43 |

Textiles first appeared in these books in combination with clothing work during the 1890 to 1894 period. The first of the books dealing primarily with textiles was published in 1912, all five textiles texts belonging to the decade ending with 1919.

The introduction of textiles is of later origin than that of clothing work, and its recognition in these forty-three textbooks has been increasing gradually.

Further evidence of this development is found in the number of 350-word pages contributed to each phase during the five-year periods studied. (see Table 20) Up to 1920, there has been a growing increase in the amount of textbook material on clothing, including that published separately and that published in conjunction with textiles. With the exception of a slump during 1900-1904, there has been a similar marked increase in the five-year contributions to the literature of textiles in textbooks. The amount of miscellaneous material--glossary, bibliography, index--also has increased steadily.

The kind of clothing work offered has changed quite as much as the quantity presented in these textbooks. Two types of sewing work may be said to have been developed, that type in which sewing processes are taught by means of samplers or models, and that in which the experience is acquired through the construction of garments or other useful articles. Excluding the five textbooks containing no clothing work, the remaining thirty-eight texts have outlined clothing problems of the sampler type, of the garment construction type, or a combination of both. During the whole period studied, there has been a tendency to eliminate work on samplers and to introduce construction work in its place. (see Table 21) In the 1890 to 1894 period, one of the two books outlined work on samplers and one, work on garments. In the next semi-decade, one book combined the two, and two planned for

Table 20. Total Number of 350-word Pages Devoted to Each Phase of Subject Matter in the Clothing and Textiles Textbooks Analysed by Semi-Decades.

| Period | Clothing | Textiles | Miscellaneous | Total |
|-----------|----------|----------|---------------|---------|
| 1880-1884 | 108.00 | 5.00 | | 113.00 |
| 1885-1889 | | | | |
| 1890-1894 | 293.70 | 33.97 | 1.65 | 329.32 |
| 1895-1899 | 266.54 | 67.00 | 5.51 | 339.05 |
| 1900-1904 | 387.42 | 29.66 | 2.28 | 419.36 |
| 1905-1909 | 551.05 | 75.03 | 13.21 | 639.29 |
| 1910-1914 | 1301.11 | 785.33 | 48.02 | 2134.46 |
| 1915-1919 | 2628.07 | 1081.03 | 114.64 | 3823.74 |
| 1920 | 142.40 | 128.48 | 9.09 | 279.97 |
| Totals | 5678.29 | 2205.50 | 194.40 | 8078.19 |

Table 21. Distribution of Type of Clothing Problems Outlined in Clothing and Textiles Textbooks Analysed.

| Period | Samplers only | Samplers and garments | Garments only | Textiles | Total |
|-----------|---------------|-----------------------|---------------|----------|-------|
| 1880-1884 | | 1 | | | 1 |
| 1885-1889 | | | | | |
| 1890-1894 | 1 | | 1 | | 2 |
| 1895-1899 | | 1 | 2 | | 3 |
| 1900-1904 | 3 | 1 | | | 4 |
| 1905-1909 | | 3 | 1 | | 4 |
| 1910-1914 | 3 | 5 | 2 | 3 | 13 |
| 1915-1919 | | 2 | 10 | 2 | 14 |
| 1920 | | | 2 | | 2 |
| Totals | 7 | 13 | 18 | 5 | 43 |

garment construction only. The following five year periods saw the emphasis placed as follows: in 1900 to 1904, three books used samplers, one samplers and garments; in 1905 to 1909, three used samplers and garments, one garments; in 1910 to 1914, three used samplers, five samplers and garments, and two garments; in 1915 to 1919, two used samplers and garments, and ten garments. Both books published since 1919 outlined work on garments. Such a transfer of emphasis would seem to have followed, at least, the increased knowledge of educational psychology and of efficient methods of presentation of subject matter which have also been developing in the general field of education.

DISTRIBUTION OF SPACE AMONG
THE FOURTEEN MAJOR TOPICS

In order to portray more clearly the persistence and recurrence of fundamental subject matter in clothing and textiles, the percentages devoted to each of the fourteen major topics have been taken from Tables 30-72 (see Appendix) and have been brought together in Table 22. Even a superficial examination indicates that these forty-three books have been characterized by considerable diversity in the number and combination of topics included, a characteristic not unnatural in a field which is relatively young and which is rapidly developing.

The most useful and efficient material to be included in any school subject must of necessity be determined (1) by the ends to be accomplished through the subject in question, and (2) by a careful study of the needs of society, a test which Woody has applied to spelling texts.¹ A description (unpublished-- Division of Home Economics, University of Minnesota) states that home economics as a college curriculum in a university should include:

- 1) preparation for efficient home-making
- 2) preparation for home economics teaching and extension teach-

¹ Woody, Application of Scientific Method in Evaluating Subject Matter of Spellers, p. 119

ing in home economics

- 3) preparation for vocations outside the home into which women enter and for which a major in home economics is desirable, such as dietetics, institutional management, etc. This description, applied in whole or in part, would hold true for other types of schools in which home economics is taught and for which textbooks are needed.

The topics which should be included in textbooks for accomplishing these ends can be determined only after a careful analysis of all of the operations of home-making, institutional management, and other occupations for which home economics curricula prepare. From this point of view, the variability of topics previously referred to may be expected, and may in part constitute an effort to find the most socially useful material by a trial and error method. It will be observed that there is evidence of a fairly well-defined core of subject matter which has been developed as a result of these efforts. Furthermore, other factors have contributed to the variations observed in the distribution of subject matter.

The training of the writers of these books has differed widely. Their conception of the function and the place of textiles and clothing in its relation to the whole field of home economics has often been quite dissimilar. In fact, the content of home economics itself has been passing through a period of evolution which would explain many of the modifications of textiles and clothing subject matter. And finally, the authors have planned for diversified groups of students.

Increases or decreases in the amount of emphasis placed upon the several topics, during this period, are shown in nearly all of the percentage distributions of the major topics during the semi-decades tabulated. These variations are not constant for all of the topics, and have been influenced to some extent by changes in social and economic conditions. (see Table 23)

There has been a very slight tendency to decrease the attention given to general instruction and supplies in these textbooks, this topic occupying a somewhat smaller percentage of the books since 1910 than was the case previous to that date. Such formal exercises as the teaching of correct methods of placing the thimble on the finger, and of threading a needle with a given number of movements are less frequently found or are more likely to be covered by a single sentence in the more recent texts.

The topic, patterns, drafting and draping, has fluctuated greatly, so far as relative emphasis in these textbooks is concerned. The highest peak was reached in 1900 to 1904, when twenty-three per cent of the space in the four books published was devoted to this subject. The lowest point occurs in the two books published since 1919, in which an average of one and seven-tenths of the two was given over to patterns, drafting and draping. Further discussion of these variations will be found in the following section where drafting, and the use of commercial patterns are considered in detail.

Applied design has occupied a small space in clothing and textiles textbooks throughout all the decades studied. The rela-

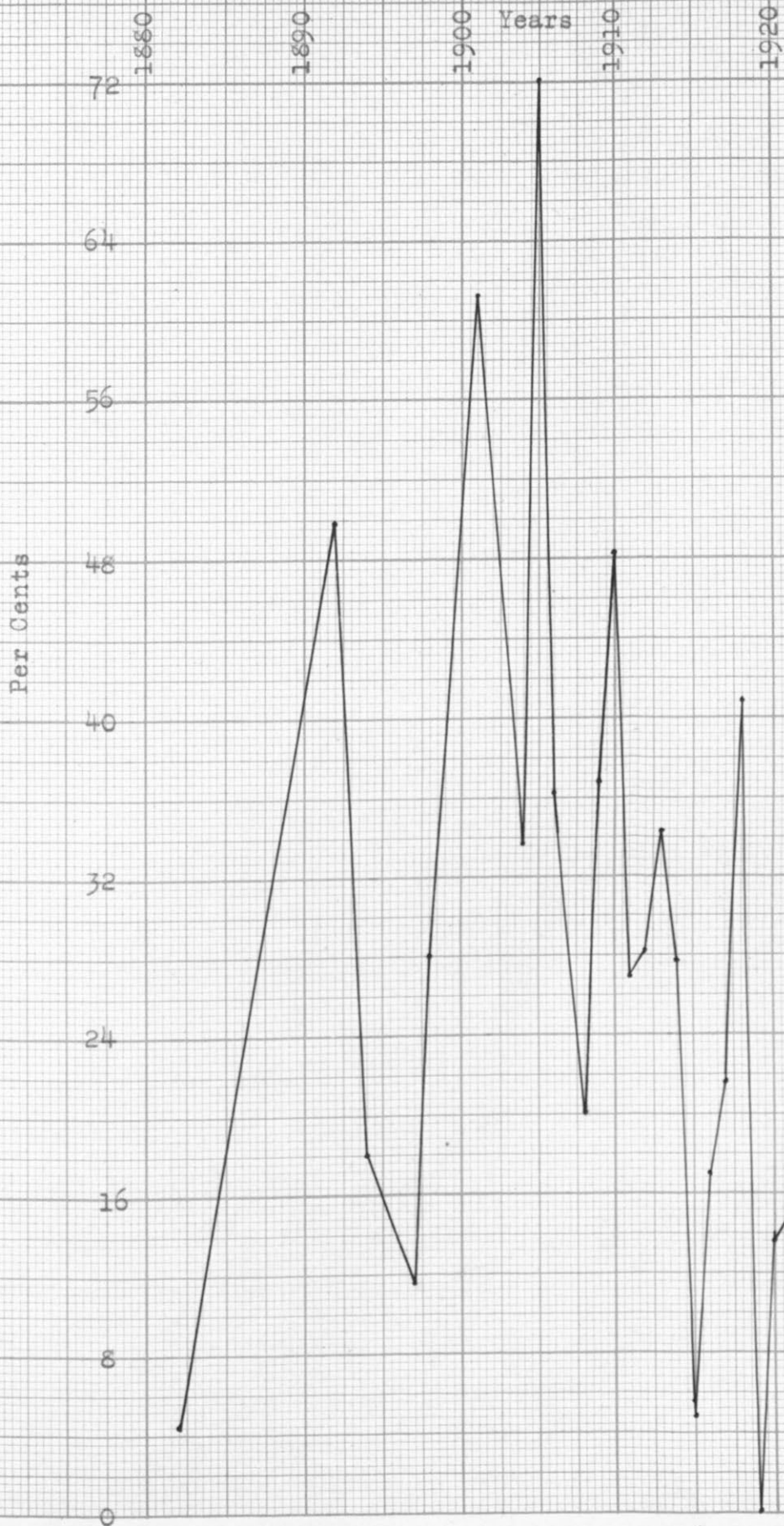
Table 23 . Average Percentage Distribution of Subject Matter in Texts Analysed by Semi-Decades

| Period | General instruction and supplies | Patterns, drafting and draping | Applied design | Sewing Processes | Garment construction | Care of Clothing | Millinery | Knitting, crocheting, and lace making | Textile Manufacture | Textile Fibers | Fabrics and their uses | Glossary | Bibliography | Index |
|-----------|----------------------------------|--------------------------------|----------------|------------------|----------------------|------------------|-----------|---------------------------------------|---------------------|----------------|------------------------|----------|--------------|-------|
| 1880-1884 | 10.84 | 12.17 | | 4.43 | 51.10 | 9.07 | 7.97 | | | | 4.43 | | | |
| 1885-1889 | | | | | | | | | | | | | | |
| 1890-1894 | 9.71 | 9.13 | | 34.02 | 29.98 | 7.42 | | | .60 | .86 | 7.34 | | | .60 |
| 1895-1899 | 5.72 | 11.69 | 3.18 | 22.57 | 26.85 | 8.31 | | | 3.43 | 8.69 | 8.04 | .22 | | 1.31 |
| 1900-1904 | 9.04 | 23.01 | 1.14 | 40.70 | 7.06 | 14.72 | | | | 3.16 | 2.47 | | | .98 |
| 1905-1909 | 8.56 | 3.70 | 1.52 | 41.42 | 16.35 | 9.31 | | 4.46 | 5.32 | 4.00 | 3.37 | | .43 | 1.58 |
| 1910-1914 | 5.77 | 8.96 | 1.14 | 24.50 | 21.51 | 9.65 | | .45 | 6.28 | 11.94 | 7.80 | .06 | .52 | 1.42 |
| 1915-1919 | 4.54 | 9.16 | 3.58 | 18.64 | 28.18 | 3.87 | .85 | .48 | 4.60 | 14.68 | 8.80 | .57 | .29 | 1.81 |
| 1920- | 5.22 | 1.70 | 2.87 | 14.37 | 16.70 | 8.82 | | | 4.94 | 19.47 | 21.43 | | | 3.53 |

tive emphasis given it in the 1895 to 1899 period, when it first appeared, was almost twice that found in each of the three following semi-decades. The most significant change occurred about 1915. One and one-tenth per cent of the space of thirteen books published during 1910 to 1914 was devoted to design and its applications, while three and six-tenths per cent of the material in the fourteen books published during 1915 to 1919 was given to the same topic. A textbook study probably pictures this phase of clothing work more inaccurately than any of the topics under discussion, as nearly fifty per cent of the total number of books fail to include art applications. In view of the fact that four-fifths of the cases where applied design was not included occurred previous to 1915, it would seem that the topic has already secured a place in the subject matter of clothing and textiles.

The emphasis placed upon sewing processes has grown and then declined. The high level (approximately forty per cent) occurred between 1900 and 1909. Since 1909 a change in the popular conception of the nature of work in clothing has resulted in the decreased emphasis placed upon this phase of the subject in textbooks. This marked upward and then downward trend in the relative amount of space devoted to teaching sewing processes is clearly shown in graphic form. (see Figure 1) The data for this graph, as well as for others following, were taken from Tables 30-72 (see Appendix). In computing the yearly averages in this case, the five textiles textbooks were omitted inasmuch as sewing processes is a topic not ordinarily included as a part

Figure 1. Average Percentage of Space Devoted to Sewing Processes in Clothing and Textiles Textbooks Analyzed



of textiles subject matter. Certain economic and psychological considerations have probably contributed to this change. The use of samplers which was ^{partly} responsible for the large percentage of space devoted to sewing processes during certain of the five-year periods has been discussed on pages 50 and 53.

Garment construction and sewing processes are necessarily closely associated, the one embodying the practical application of the other. It is to be expected, therefore, that the emphasis placed upon garment construction would show a considerable decline until 1905, since when it has been gradually increasing. The average yearly percentages, when plotted, illustrate this same development, (see Figure 2) so far as these textbooks, with their variety of aim and author's point of view, can depict such development. In computing the yearly averages upon which this graph was based, one of the five textiles texts was included, as it contained a section on remodelling. Comparing the two curves, it will be seen that the peak in the relative amount of space devoted to sewing processes, corresponds in date to the low point in the garment construction curve, and that the first gradually descends as the other ascends.

Care of clothing reached its highest peak in the 1900 to 1904 period, and since then has gradually declined. The earlier books devoted much more space to discussions of darning and patching than was found in later texts. Since 1917, however, a tendency to increase the emphasis placed on this topic has appeared. (see Figure 3) The latter change is likely attributable to a response on the part of textbook writers to the general

Figure 2. Average Percentage of Space Devoted to Garment Construction in Clothing and Textiles Textbooks Analyzed

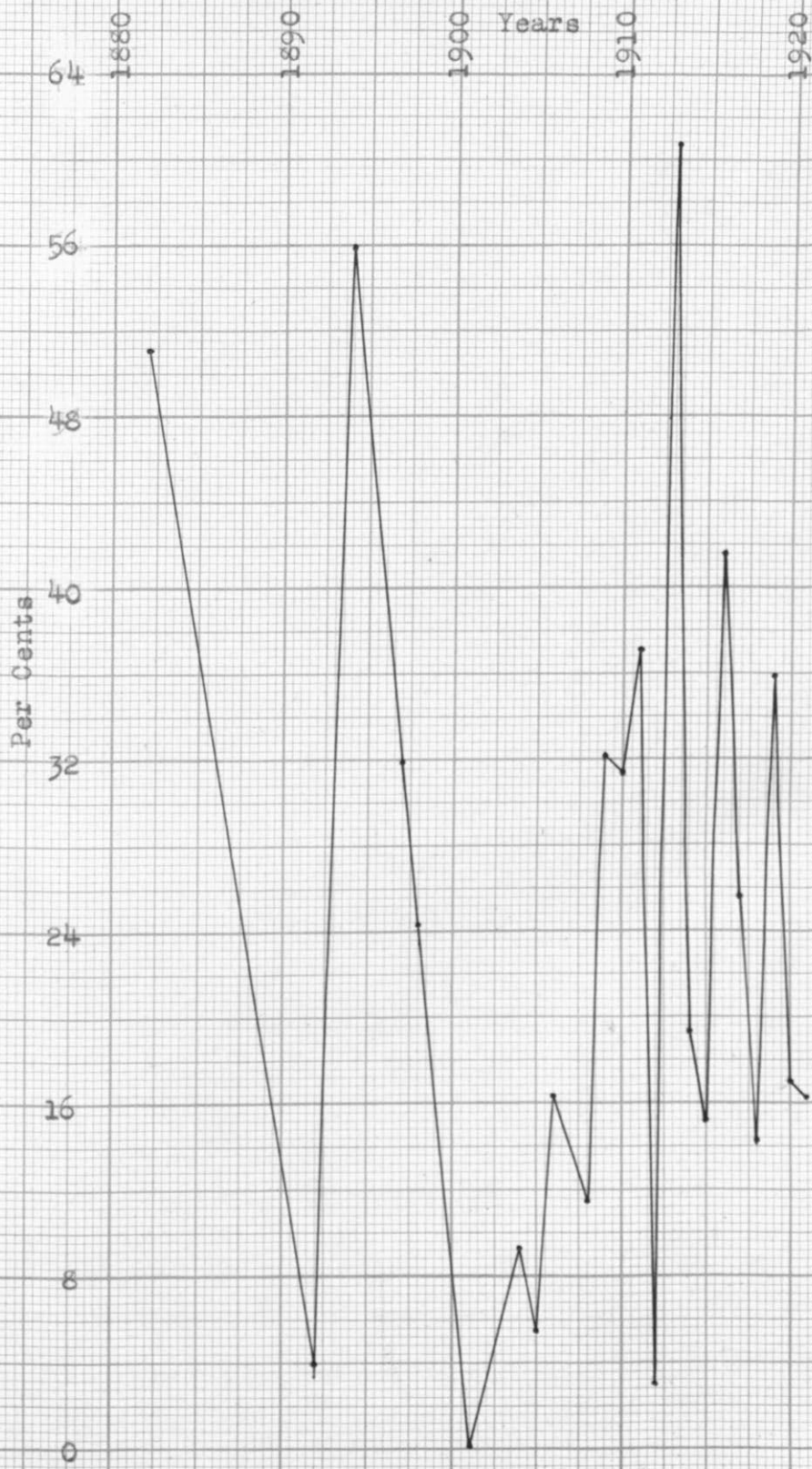
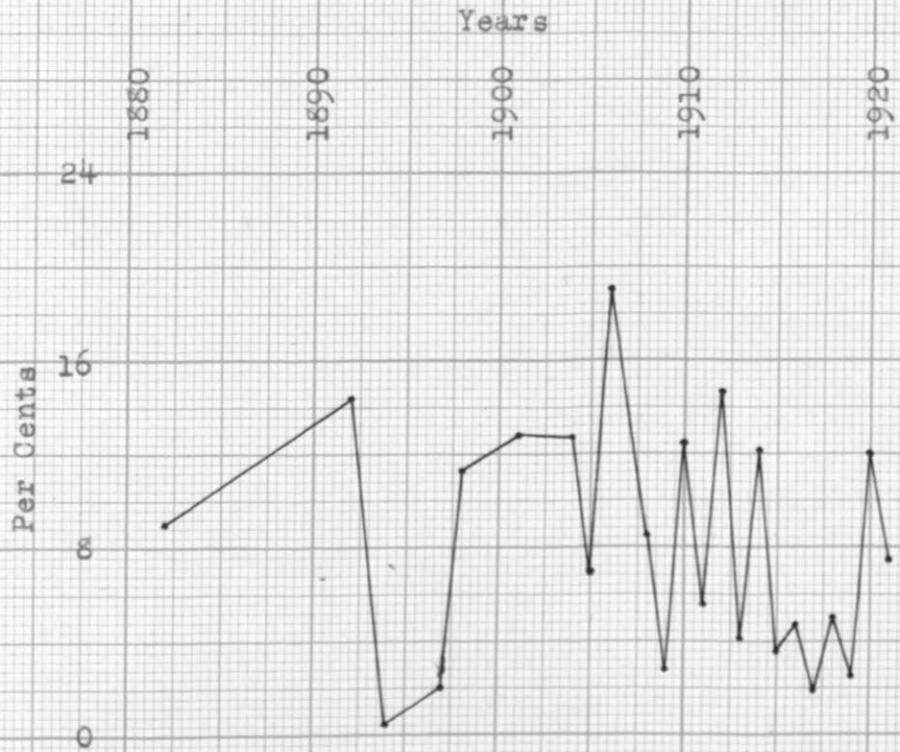


Figure 3. Average Percentage of Space Devoted to Care of Clothing in Clothing and Textiles Textbooks Analyzed



thrift movement which started during the war.

Millinery has been given very little attention in clothing and textiles texts, three authors only having included it. The percentage space allotted the subject ranged from five to eight per cent.

Hand knitting, crocheting, and lace making also have not generally been considered by the authors of these texts to be a part of the subject matter of clothing and textiles. Only five authors have included any portion of this topic, the percentage range being from one to five per cent, with one exception, in which eighteen per cent of the book was devoted to knitting.

As previously noted, (pp. 49, 50) textiles has received more and more emphasis during the period studied. So far as textile manufacture is concerned, a slight lessening of emphasis has obtained since 1915. The extremes of emphasis placed upon this topic (see Figure 4) would doubtless well illustrate the effect of the previously mentioned differences in fundamental interests and experience of the various authors.

The gradual increase in the degree of emphasis placed upon the consideration of textile fibers in these textbooks has been clearly shown. (see Figure 5) This topic is closely related to both textile manufacture and to the study of fabrics and their uses.

Fabric study is the connecting link between textiles and clothing. The products of textile manufacture are the materials of clothing construction. Since 1905, fabric study has been receiving an increasing amount of attention, which has been es-

Figure 4. Average Percentage of Space Devoted to Textile Manufacture in Clothing and Textiles Textbooks Analyzed

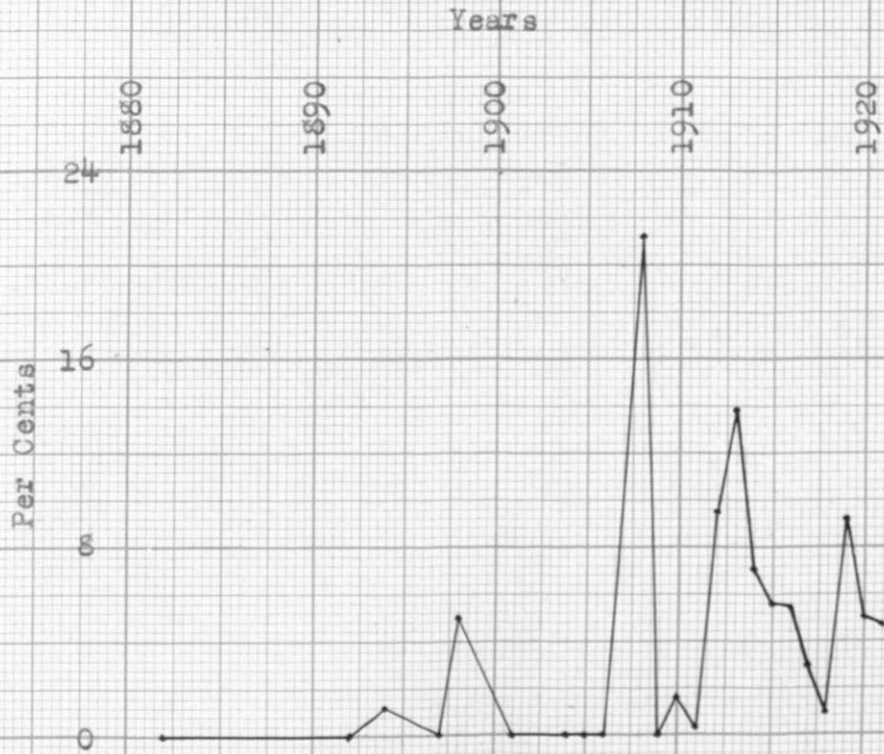
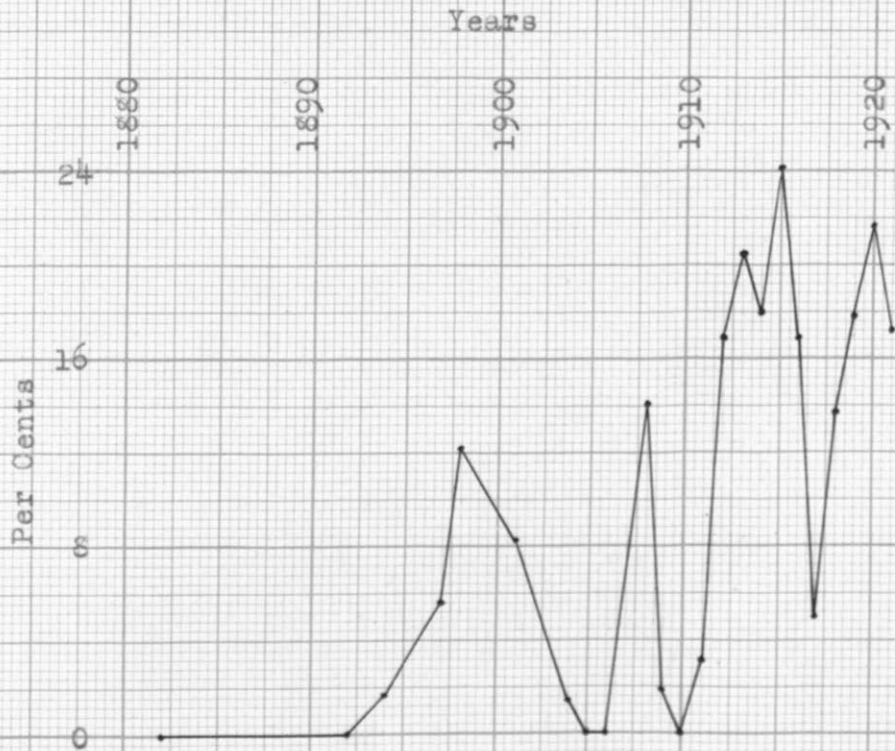
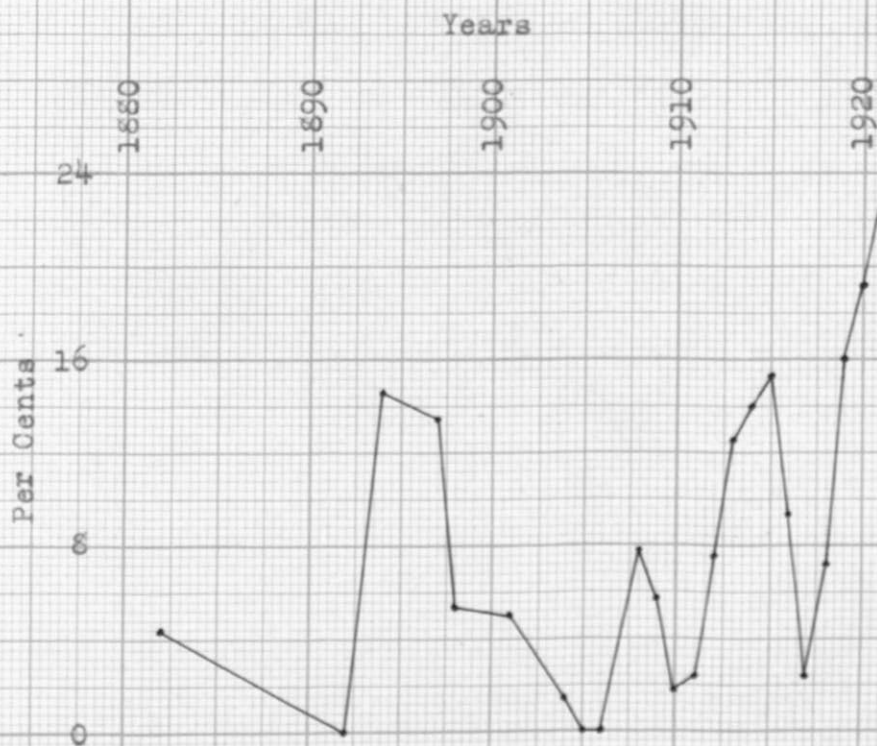


Figure 5. Average Percentage of Space Devoted to Textile Fibers in Clothing and Textiles Textbooks Analyzed



pecially marked since 1917. (see Figure 6) This topic in particular shows the response made by textbook writers in the field of clothing and textiles to one of the more recently recognized fields in economics, the economics of consumption, and also shows a recognition of the highly important part played by women in that field. In fact, textiles as a whole, may be said to be very largely preparation for more efficient consumption, a type of training which has not been ignored in clothing work and which will be discussed in the following section.

Figure 6. Average Percentage of Space Devoted to Fabrics and Their Uses in Clothing and Textiles Textbooks Analyzed



DISTRIBUTION OF SPACE
AMONG FIVE SUBTOPICS

Clothing and textiles is a comprehensive term. The field includes a large volume of subject matter, and any classification, like that used in the present study, which condenses such a multitude of detail within the confines of fourteen topics, obscures thereby certain evidence showing the evolution which has been taking place. On the other hand, it would obviously be impossible, within the limits of the present study, to trace the progress of each of the fifty-four subtopics or of the minor subtopics or of the minor subdivisions included therein. Five subtopics have been chosen to illustrate the character of the changes which have occurred in the subject matter of clothing and textiles during the past four decades, so far as textbooks have reflected such modifications. These five are:- (1) the sewing machine and its use, (2) drafting and pattern making, (3) commercial patterns and their use, (4) remodelling, and (5) the economics of clothing and buying. These topics were selected because of certain economic and social considerations. The necessary data have been compiled in Table 24, this data forming a basis for the summary tables used later in this section.

The sewing machine and its use has not been included in all clothing texts, but the number in which it has been discussed has

increased noticeably since 1894, when the subject was first mentioned in the books studied. It is not a part of textiles and is not included in the five textiles textbooks which have been omitted for this particular discussion. Of the thirty-eight clothing books remaining, fourteen give some space to the sewing machine. Ten years elapsed between the first reference in 1894 and the second mention of the subject in 1904. Material on this subject was found in three other books published previous to 1915. Since that date nine of sixteen books have included it.

The proportional amount of space devoted to a study of the sewing machine has increased considerably since 1905. (see Table 25) The actual amount of material on the subject has not been large at any time, and very few illustrations have been used despite the complicated nature of the mechanism discussed. Three books published between 1905 and 1914 had approximately one-half of one per cent devoted to the sewing machine, nearly all of which was text, three illustrations having been used in one book. Clothing texts published in the five years following contained a greater amount of material concerning the sewing machine, with a more liberal use of illustrations. Although there were fewer than one illustration per book during this period, they occupied about one-sixth of the total space devoted to the subject. The two most recently published of these clothing texts have both treated the subject under discussion at much greater length than did the former clothing texts, the total amount averaging two and four tenths per cent. There was, however, no freer use of

Table 25. Distribution of Subject Matter Concerning the Sewing Machine and Its Use in Clothing and Textiles Textbooks Analysed by Semi-Decades

| Period | Number of books | % of all clo. books | Average total % | Average % text | Average % illus. | Average no.illus. |
|------------------------|-----------------|---------------------|-----------------|----------------|------------------|-------------------|
| 1880-1884 | | | | | | |
| 1885-1889 | | | | | | |
| 1890-1894 | 1 | 50 | .46 | .46 | | |
| 1895-1899 | | | | | | |
| 1900-1904 | 1 | 25 | .08 | .08 | | |
| 1905-1909 | 1 | 25 | .44 | .44 | | |
| 1910-1914 ¹ | 2 | 20 | .59 | .53 | .06 | .60 |
| 1915-1919 ² | 7 | 58 | .70 | .59 | .10 | 1.50 |
| 1920- | 2 | 100 | 2.46 | 2.33 | .13 | 1.50 |
| Totals Averages | 14 | 31 | .53 | .49 | .03 | .40 |

¹Three books in this period omitted in averaging because devoted to textiles only

²Two books in this period omitted in averaging because devoted to textiles only

illustrations than during the earlier period, their proportion being less than two-tenths per cent. The relative development of this subject is shown graphically in Figure 7. The sewing machine is one of the most important home labor-saving devices, and is much more commonly owned to-day than it was even twenty years ago. The relative reduction of the cost of this piece of household machinery and its wider use more than justify the increased emphasis pointed out above.

The statement is frequently made that drafting has been receiving less emphasis since commercial patterns have become so plentiful, and so relatively cheap. The prominence of drafting in clothing texts would indicate that the above statement should be qualified. (see Table 26) The average amount of space given to drafting, which has appeared in twenty of the thirty-eight clothing books, has changed from nine, to twelve, to twenty-three per cent during the three semi-decades after 1890. The next five year period saw the amount decreased to three per cent, but it increased to eight and a half per cent and then fell to six per cent in the two following semi-decades. A larger proportion of the books published between 1915 and 1919 contain drafting than do those of either the two preceding periods. The two more recent books contain no reference to drafting. Illustrations have been quite freely used, often occupying nearly as much space as the text. This is partly due to the large sized illustrations required by the subject. The persistence of drafting in clothing texts and the generous use of illustrations with it are shown in graphic form in Figure 8. These textbooks pre-

Figure 7. Average Per Cent of Space Devoted to Sewing Machine and Its Use in Clothing and Textiles Textbooks Analyzed

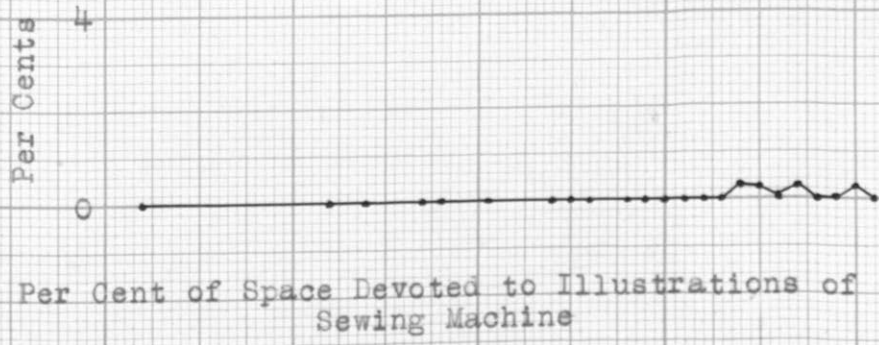
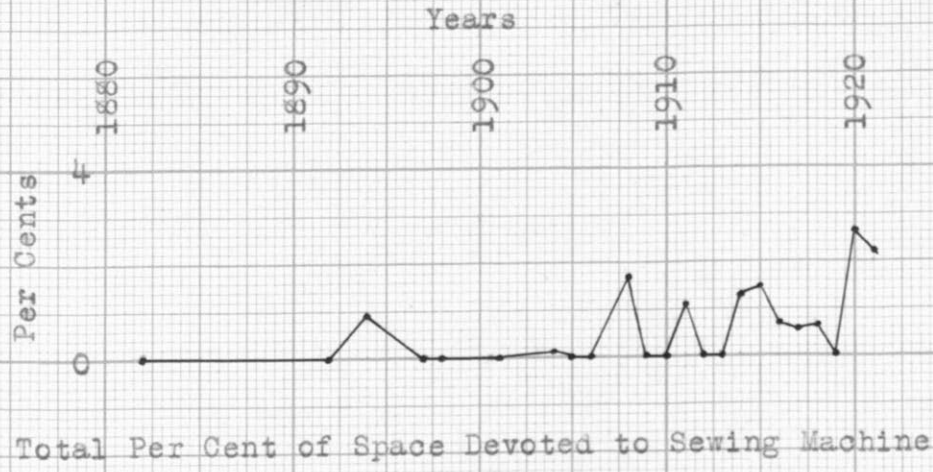


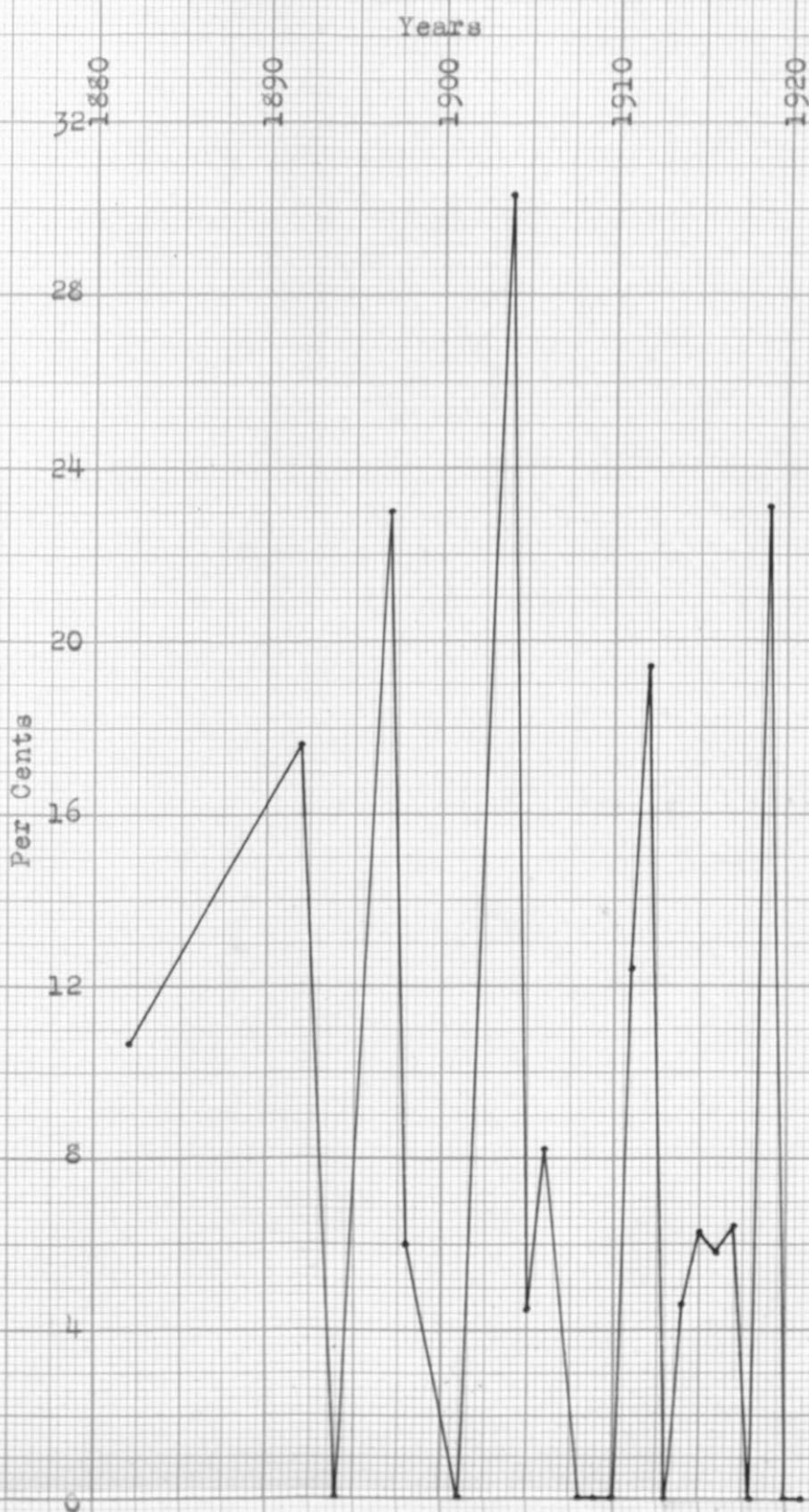
Table 26 . Distribution of Subject Matter Concerning Drafting and Pattern Making in the Clothing and Textiles Textbooks Analysed by Semi-Decades

| Period | Number of books | % of all clo. books | Average total % | Average % text | Average % illus. | Average no.illus. |
|------------------------|-----------------|---------------------|-----------------|----------------|------------------|-------------------|
| 1880-1884 | 1 | 100 | 10.65 | 6.63 | 4.02 | 11 |
| 1885-1889 | | | | | | |
| 1890-1894 | 1 | 50 | 8.83 | 7.05 | 1.78 | |
| 1895-1899 | 2 | 66 | 11.69 | 8.26 | 3.42 | 10.6 |
| 1900-1904 | 3 | 75 | 22.74 | 17.58 | 5.15 | 10.2 |
| 1905-1909 | 2 | 50 | 3.21 | 1.62 | 1.59 | 8 |
| 1910-1914 ¹ | 4 | 40 | 8.55 | 5.23 | 3.31 | 6.3 |
| 1915-1919 ² | 7 | 58 | 6.00 | 4.39 | 1.61 | 7.7 |
| 1920- | | | | | | |
| Totals Averages | 20 | 48.8 | 7.96 | 5.64 | 2.32 | 5.17 |

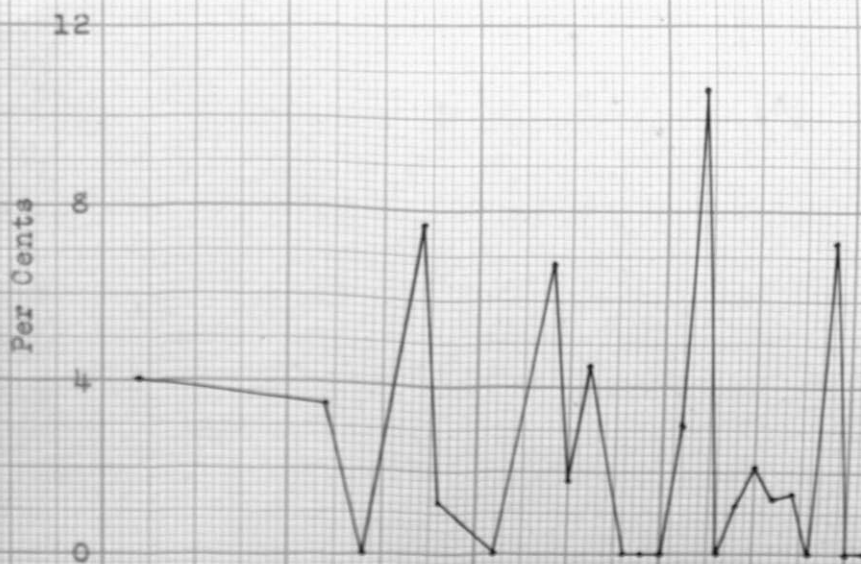
¹3 books in this period omitted in averaging because devoted to textiles only

²2 books in this period omitted in averaging because devoted to textiles only

Figure 8. Average Per Cent of Space Devoted to Drafting in Clothing and Textiles Textbooks Analyzed



Total Per Cent of Space Devoted to Drafting



Per Cent of Space Devoted to Illustrations of Drafting

sent evidence that drafting must still be considered practicable by a considerable number of persons in order to justify so continued and marked emphasis.

A very different picture is presented in the material concerning commercial patterns. (see Table 27) The subject has had a more recent origin than did drafting, having been only briefly mentioned in the two books previous to 1908. Since that date there has been a consistent growth in the attention paid to the use of commercial patterns. Each successive decade has shown an increase in the number of books, and in the percentage of books published, which include it, and also an increase in the total space devoted to the subject. Generous use has been made of illustrations, which averaged five per book, or about one per cent of the book, for the decade preceeding 1920. Figure 9 shows this increase in the textbook space devoted to commercial patterns and the part of that space which is occupied by illustrations. This growth has followed a rapid development in the manufacture and use of so-called commercial patterns, during which time the price has been lowered and devices for convenient home use increased.

Remodelling has not been included widely in clothing and textiles work as outlined by textbooks. (see Table 28) The subject has been given consideration in seven of these forty-three texts, but of these seven only one has exceeded one and three-tenths per cent, and three have had less than one-half per cent. The semi-decade averages have been much lower; the highest, six-tenths per cent, representing the allowance of space devoted to

Table 27. Distribution of Subject Matter Concerning Commercial Patterns and Their Use in Clothing and Textiles Textbooks Analysed by Semi-Decades

| Period | Number of books | % of all clo. books | Average total % | Average % text | Average % illus. | Average no. illus. |
|------------------------|-----------------|---------------------|-----------------|----------------|------------------|--------------------|
| 1880-1884 | 1 | 100 | .20 | .20 | | |
| 1885-1889 | | | | | | |
| 1890-1894 | 1 | 50 | .26 | .26 | | |
| 1895-1899 | | | | | | |
| 1900-1904 | | | | | | |
| 1905-1909 | 1 | 25 | .32 | .32 | | |
| 1910-1914 ¹ | 4 | 40 | 1.78 | .75 | 1.04 | 3.5 |
| 1915-1919 ² | 9 | 75 | 2.96 | 1.90 | 1.06 | 6.6 |
| 1920- | 2 | 100 | 1.70 | 1.46 | .24 | 2.5 |
| Totals Averages | 18 | 43.3 | .80 | .54 | .26 | 1.4 |

¹Three books in this period omitted in averaging because devoted to textiles only

²Two books in this period omitted in averaging because devoted to textiles only

Figure 9. Average Per Cent of Space Devoted to Commercial Patterns in Clothing and Textiles Textbooks Analyzed

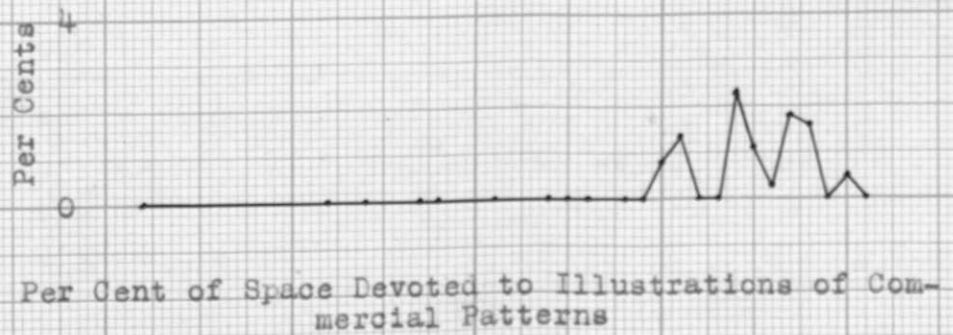
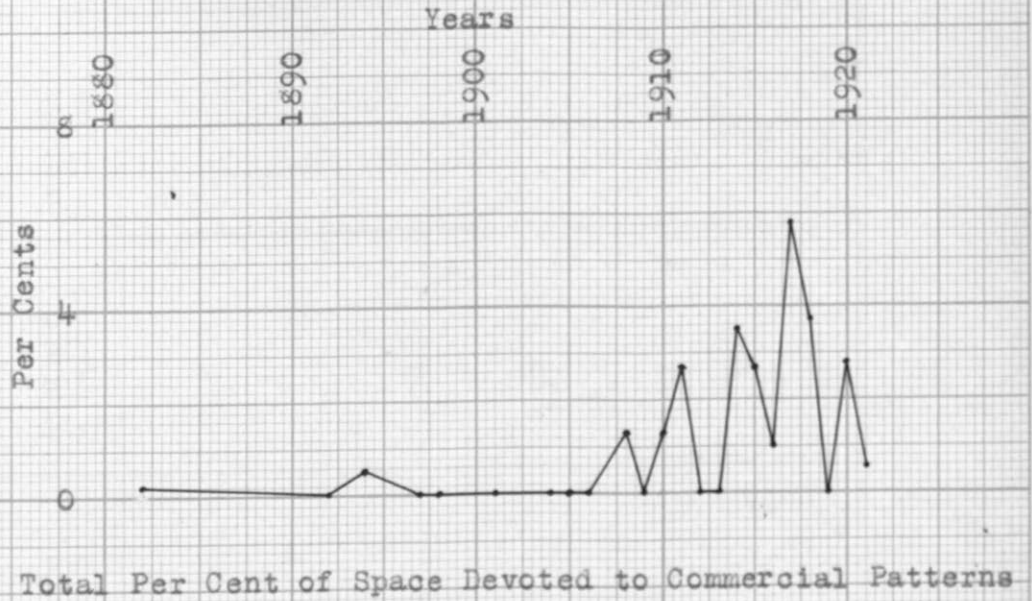


Table 28. Distribution of Subject Matter Devoted to Remodelling in Clothing and Textiles Textbooks Analysed by Semi-Decades

| Period | Number of books | % of all clo. books | Average total % | Average % text | Average % illus. | Average no. illus. |
|-------------------|-----------------|---------------------|-----------------|----------------|------------------|--------------------|
| 1880-1884 | | | | | | |
| 1885-1889 | | | | | | |
| 1890-1894 | | | | | | |
| 1895-1899 | | | | | | |
| 1900-1904 | 1 | 25 | .04 | .04 | | |
| 1905-1909 | | | | | | |
| 1910-1914 | 2 | 15.4 | .37 | .37 | | |
| 1915-1919 | 3 | 21.4 | .15 | .15 | | |
| 1920- | 1 | 50 | .63 | .57 | .05 | .5 |
| Totals Average | 7 | 12.4 | .13 | .125 | .005 | ..05 |

remodelling in the last two books. One illustration was found in the book published in 1920. The development of the subject is shown as a graph in Figure 10. In the light of common practice, this subject might seem to have been slighted in these textbooks. However, certain factors may have contributed to the limited space allotted to remodelling. Careful and wise selection of clothes means a reduction in time spent on "making over" garments, an increased use of ready-to-wear garments has had a similar result, and finally, the sewing processes used in garment reconstruction duplicate those employed in the construction of garments.

Economics of clothing and buying was used to include a number of subdivisions, such as discussions of clothing budgets, the selection and purchase of clothing, the Consumer's League, and labor conditions in relation to the production and consumption of clothing. With two exceptions, the introduction of this subject into textbooks might be said to date from 1912, since which date it has been given a widely varying proportion of space in nearly two-thirds of the books. The exceptions were two of the books previously described as having been intended for the general consumer. As much as twelve per cent of one book was devoted to these applications of economics, and as little as one-third of one per cent of a second book which was published during the past five years. The subject appears in both textiles and clothing books, and is found included in the contents of eighteen of the forty-three texts studied. (see Table 29) Since 1913 the average percentage per semi-decade has increased,

Figure 10. Average Per Cent of Space Devoted to Remodelling in Clothing and Textiles Textbooks Analyzed

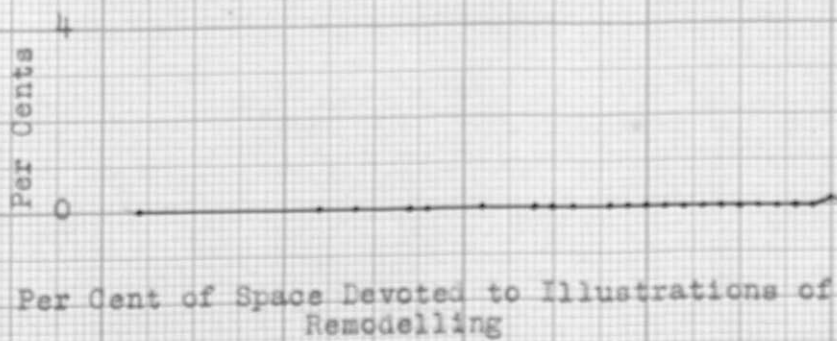
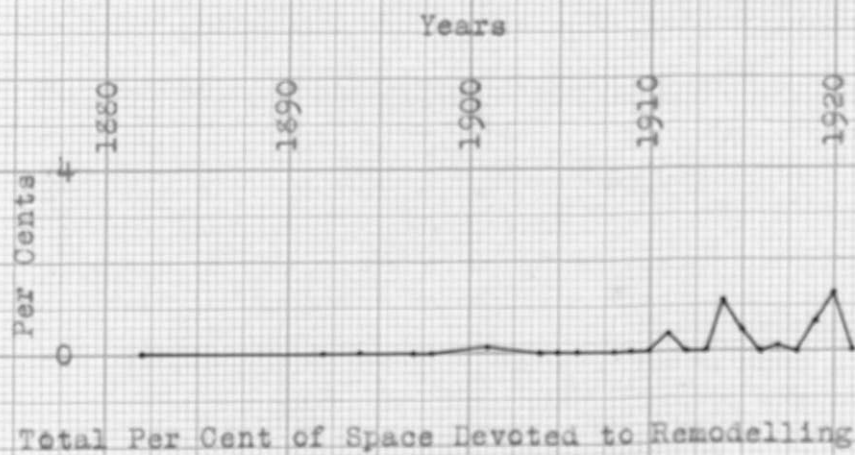


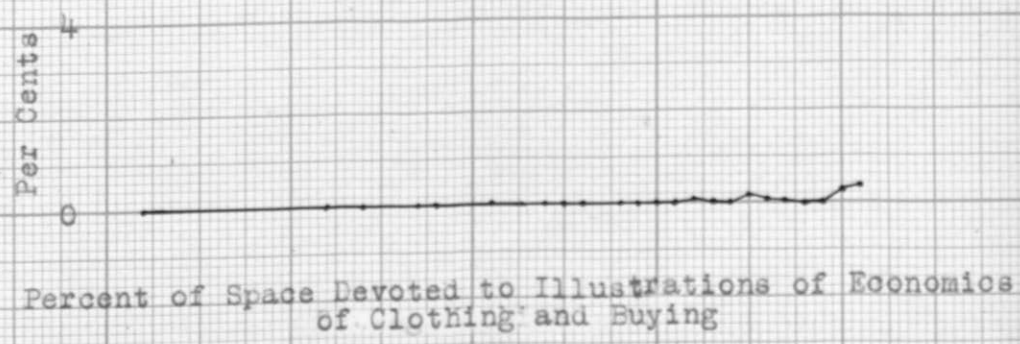
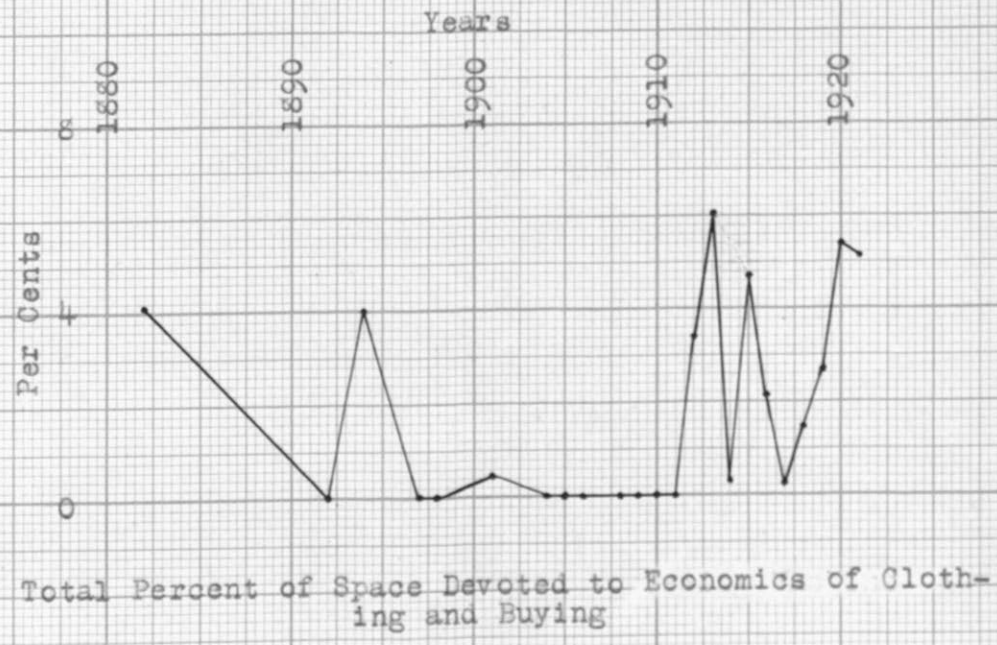
Table 29. Distribution of Subject Matter Devoted to Economics of Clothing and Buying in Clothing and Textiles Textbooks Analysed by Semi-Decades

| Period | Number of books | % of all clo. books | Average total % | Average % text | Average % illus. | Average no. illus. |
|--------------------|-----------------|---------------------|-----------------|----------------|------------------|--------------------|
| 1880-1884 | 1 | 100 | 4.10 | 4.10 | | |
| 1885-1889 | | | | | | |
| 1890-1894 | 1 | 50 | 2.00 | 2.00 | | |
| 1895-1899 | | | | | | |
| 1900-1904 | 1 | 25 | .11 | .11 | | |
| 1905-1909 | | | | | | |
| 1910-1914 | 3 | 23.1 | 1.79 | 1.78 | .01 | .08 |
| 1915-1919 | 10 | 71.5 | 1.89 | 1.85 | .04 | .43 |
| 1920 - | | | | | | |
| Totals Averages | 18 | 41.1 | 1.68 | 1.65 | .04 | .22 |

a development most marked in the two publications dated since 1919. The illustrations used have been few in number and have occupied a very small proportion of space. The variation in the amount of emphasis on the subject is seen in Figure 11.

The pronounced increase in the use of ready-to-wear clothing has necessitated a consideration of all the phases of selection quite aside from questions of clothing construction. The matter of quality, suitability, budget distribution, and similar points have attracted attention especially since thrift has been stressed during the last few years. Again in this subject we find a reflection of the growing recognition of the power and responsibilities of the consumer.

Figure 11. Average Percent of Space Devoted to Economics of Clothing and Buying in Clothing and Textiles Textbooks Analyzed



SUMMARY

This study has attempted to show the development of subject matter in clothing and textiles as determined by textbooks, and to ascertain the persistence and recurrence of fundamental topics developed by texts in this field. The outstanding facts of the study may be summarized as follows:

1) A large amount of textbook material concerning textiles and clothing has been published during the past five decades, the forty-three books available having been examined in this study.

2) A variety of different grades and kinds of schools have been planned for, but the books have been used interchangeably with considerable disregard of the purpose for which the text was written.

3) In most cases clothing and textiles has been developed separately from other phases of home economics. Clothing has occurred alone about as often as it has been combined with textiles. Textiles texts have developed during the last decade.

4) The subjects which have received major emphasis in the clothing field are (1) sewing processes, (2) garment construction, (3) patterns and drafting, and (4) the care of clothing; in the textiles field, (1) textile fibers, (2) fabrics and their uses, and (3) textile manufacture.

5) The amount of emphasis placed upon the several major

topics in these textbooks has shown marked fluctuations. These variations are not constant for all the topics, and are especially noticeable in the case of patterns, drafting and draping. The space allotted to sewing processes has declined while that devoted to garment construction has increased. Textiles has received a greater share of attention in the later books.

6) Significant changes have taken place in the minor subdivisions of the subject matter of textiles and clothing, as revealed in textbooks. The following facts are evidences of these changes. The sewing machine has been allotted an increasing amount of space which would still not seem to be in proportion to the importance of the actual use of the machine. Drafting is given less space but has decreased in amount in textbooks less than might be popularly supposed. The use of commercial patterns is coming to be an important subject in these books, while remodeling is not stressed to any appreciable degree. The economics of clothing and buying, one of the newer subjects, has persisted in spite of noticeable fluctuations and is increasing in the amount of textbook space devoted to it.

7) These forty-three clothing and textiles texts have averaged approximately two hundred pages each, measured in terms of 350-word pages. These books have tended to increase in size.

8) The mechanical features of clothing and textiles texts have followed the general improvement in textbook making. Illustrations have increased in number and improved in quality, graphs and tables are beginning to be used to a limited extent, and bibliographies and indexes are being used more freely.

BIBLIOGRAPHY OF REFERENCES

- Bagley, W.C and Rugg, H.O., The Content of American History As Taught in the Seventh and Eighth Grades. University of Illinois, School of Education Bulletin, no.16, August 21,1916.
- Bevier, I. and Usher, S., The Home Economics Movement. Boston: Whitcomb and Barrows, 1906.
- Cooley, A.M., Winchell, C.M., Spohr, W.H. and Marshall, J.A., Teaching Home Economics. New York: The Macmillan Co., 1919.
- Housh, E.T., Analysis of the Vocabularies of Ten Second-Year Readers. (The 17th Yearbook of the National Society for the Study of Education, Part I, pp. 40-45) Bloomington, Illinois: Public School Publishing Co., 1918.
- Jessup, W.A., The Social Factors Affecting Special Supervision in the Public Schools of the United States. New York: Teachers College, Columbia University, 1911.
- Jessup, W.A., and Coffman, L.D., The Supervision of Arithmetic. New York: The Macmillan Co., 1916.
- Jones, R.G., Standard Vocabulary. (The 14th Yearbook of the National Society for the Study of Education, Part I, pp. 37-43). Bloomington, Illinois: Public School Publishing Co., 1919.

Monroe, W.S., The Economy of Time in Arithmetic. (The 16th Year-book of the Society for the Study of Education, Part I, pp. 111-127). Bloomington, Illinois: Public School Publishing Co., 1918.

Rugg, H.O. and Clark, J.R., Scientific Method in the Reconstruction of Ninth-Grade Mathematics. Chicago: The University of Chicago Press, Supplementary Educational Monographs, Vol. II, no.1, April 1918.

Trilling, M.B. and others, Home Economics in American Schools. Chicago: The University of Chicago Press, Supplementary Educational Monographs, Vol. II, no.6, October 1920.

Woody, C., Application of Scientific Method in Evaluating the Subject Matter of Spellers. Journal of Educational Research, 1:119-128, February, 1915.

APPENDIX

Table 30. Distribution of Subject Matter Content of Church, The Home Needle, 1882.

| TOPICS | On basis 350 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|--|-----------------------------|----------------|---------------|------------------------|-------------------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 12.25 | 11.25 | 1.00 | 2 | 2 | 12.25 | 11.25 | 1.00 | 2 | 10.84 | 9.95 | .88 |
| Patterns, drafting and draping | 13.75 | 8.75 | 5.00 | 1 7 3 | 1.3 2 4 | 13.75 | 8.75 | 5.00 | 11 | 12.17 | 7.75 | 4.43 |
| Applied design | .00 | | | | | | | | | | | |
| Sewing processes | 5.00 | 4.12 | .88 | 1 1 | 1.3 8 | 5.00 | 4.12 | .88 | 2 | 44.43 | 3.64 | .78 |
| Garment construction | 57.75 | 49.29 | 8.46 | 1 13 1 3 1 | 1.3 2 3 4 8 | 57.75 | 49.29 | 8.46 | 19 | 51.10 | 43.60 | 7.49 |
| Care of clothing | 10.25 | 7.25 | 3.00 | 4 4 | 2 4 | 10.25 | 7.25 | 3.00 | 8 | 9.07 | 6.42 | 2.65 |
| Millinery | 9.00 | 8.25 | .75 | 1 1 | 2 9 | 9.00 | 8.25 | .75 | 2 | 7.97 | 7.30 | .66 |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture Text. fibers | | | | | | | | | | 4.43 | 4.43 | |
| Fabrics and their uses. | 5.00 | 5.00 | | | | 5.00 | 5.00 | | | | | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material Blank Bibliography Index | 9.00 | | | | | 9.00 | | | | | | |
| TOTALS | 122.00 | 93.91 | 19.09 | 44 | | 122.00 | 93.91 | 19.09 | 44 | 100.01 | 83.09 | 16.89 |

Table 31 . Distribution of Subject Matter Content of Hapgood, School Needlework, 1892.

| TOPICS | On basis 288 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|--------------------------|-----------------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 21.25 | 20.75 | .50 | 1 | 2 | 17.48 | 17.06 | .41 | 1 | 12.80 | 12.50 | .30 |
| Patterns, drafting and draping | 29.25 | 23.24 | 5.91 | 3 1 3 3 | 1 1.5 2 4 | 24.05 | 19.20 | 4.86 | 10 | 17.63 | 14.05 | 3.56 |
| Applied design | | | | | | | | | | | | |
| Sewing processes | 82.85 | 61.94 | 20.91 | 3 4 13 37 14 | 1 2 3 4 6 | 68.10 | 50.90 | 17.20 | 71 | 49.90 | 37.30 | 12.60 |
| Garment construction | 6.65 | 6.49 | .16 | 1 | 6 | 5.47 | 5.33 | .13 | 1 | 4.01 | 3.91 | .09 |
| Care of clothing | 24.00 | 17.59 | 6.41 | 9 2 1 6 | 2 3 4 6 | 19.74 | 14.46 | 5.27 | 18 | 14.45 | 10.60 | 3.86 |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | | | | | | | | | | | | |
| Text. fibers | | | | | | | | | | | | |
| Fabrics and their uses. | | | | | | | | | | | | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | | | | | | 4.94 | | | | | | |
| Blank | 6.00 | | | | | | | | | | | |
| Bibliography | | | | | | 1.65 | 1.65 | | | | 1.20 | 1.20 |
| Index | 2.00 | 2.00 | | | | | | | | | | |
| TOTALS | 172.00 | 132.10 | 33.89 | 101 | | 141.43 | 108.60 | 27.87 | 101 | 99.99 | 79.56 | 20.41 |

Table 32 . Distribution of Subject Matter Content of Davis, The Elements of Modern Dressmaking, 1894.

| TOPICS | On basis 360 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|--|-----------------------------|----------------|---------------|---------|--------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 13.75 | 13.75 | | | | 14.16 | 14.16 | | | 7.35 | 7.35 | |
| Patterns, drafting and draping | 1.00 | 1.00 | | | | 1.03 | 1.03 | | | .53 | .53 | |
| Applied design | .00 | | | | | | | | | | | |
| Sewing processes | 34.00 | 28.75 | 5.25 | 21 | 4 | 35.00 | 29.60 | 5.41 | 21 | 18.15 | 15.35 | 2.80 |
| Garment construction | 104.75 | 101.67 | 3.08 | 1 17 | 4 5 | 107.90 | 104.60 | 3.17 | 18 | 55.95 | 54.30 | 1.64 |
| Care of clothing | .75 | .75 | | | | .77 | .77 | | | .40 | .40 | |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | 2.25 | 2.25 | | | | 2.32 | 2.32 | | | 1.20 | 1.20 | |
| Text. fibers | 3.25 | 3.25 | | | | 3.35 | 3.35 | | | 1.73 | 1.73 | |
| Fabrics and their uses. | 27.50 | 27.50 | | | | 28.30 | 28.30 | | | 14.69 | 14.69 | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material Blank Bibliography Index | 5.75 | | | | | 5.92 | | | | | | |
| TOTALS | 193.00 | 178.92 | 8.33 | 39 | | 198.75 | 184.13 | 8.58 | 39 | 100.00 | 95.55 | 4.44 |

Table 33 . Distribution of Subject Matter Content of Broughton, Practical Dressmaking, 1897.

| TOPICS | On basis 297 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|-------------------|------------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 4.75 | 4.50 | .25 | 1 | 4 | 4.03 | 3.82 | .21 | 1 | 3.61 | 3.42 | .19 |
| Patterns, drafting and draping | 30.25 | 20.05 | 10.20 | 14 4 7 1 | 2 3 4 8 | 25.62 | 17.00 | 8.64 | 26 | 23.00 | 15.25 | 7.75 |
| Applied design | 8.25 | 7.92 | .33 | 1 | 3 | 7.00 | 6.71 | .28 | 1 | 6.27 | 6.03 | .25 |
| Sewing processes | 15.34 | 10.89 | 4.45 | 2 7 3 3 | 2 3 4 8 | 13.00 | 9.22 | 3.77 | 15 | 11.67 | 8.27 | 3.38 |
| Garment construction | 42.00 | 39.34 | 2.66 | 1 1 4 | 1 15 4 | 35.60 | 33.35 | 2.25 | 6 | 31.95 | 29.90 | 2.02 |
| Care of clothing | 2.66 | 1.58 | 1.08 | 1 1 1 | 2 3 4 | 2.25 | 1.34 | .91 | 3 | 2.02 | 1.20 | .82 |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture Text. fibers | 7.50 | 7.50 | | | | 6.36 | 6.36 | | | 5.70 | 5.70 | |
| Fabrics and their uses | 17.75 | 17.75 | | | | 15.05 | 15.05 | | | 13.50 | 13.50 | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 52.00 | | | | | 44.10 | | | | | | |
| Blank | 6.50 | | | | | 5.51 | | | | | | |
| Bibliography | 3.00 | 3.00 | | | | 2.54 | 2.54 | | | 2.28 | 2.28 | |
| Index | | | | | | | | | | | | |
| TOTALS | 190.00 | 112.53 | 18.97 | 52 | | 161.06 | 95.39 | 16.06 | 52 | 100.00 | 85.55 | 14.41 |

Table 34 . Distribution of Subject Matter Content of Banner, Household Sewing, 1898.

| TOPICS | On basis 297 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|--------------------|------------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 1.50 | 1.50 | | | | 1.27 | 1.27 | | | .99 | .99 | |
| Patterns, drafting and draping | | | | | | | | | | | | |
| Applied design | | | | | | | | | | | | |
| Sewing processes | 57.50 | 40.25 | 17.25 | 1 17 3 27 | 1 2 3 4 | 48.75 | 34.15 | 14.63 | 48 | 38.20 | 26.75 | 11.45 |
| Garment construction | 43.25 | 41.50 | 1.75 | 2 3 | 2 4 | 36.65 | 35.20 | 1.48 | 5 | 28.75 | 27.60 | 1.16 |
| Care of clothing | 21.25 | 15.50 | 5.75 | 1 9 1 | 1 2 4 | 18.02 | 13.15 | 4.88 | 11 | 14.12 | 10.30 | 3.82 |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | 1.50 | 1.50 | | | | 1.27 | 1.27 | | | .99 | .99 | |
| Text. fibers | 6.05 | 6.05 | | | | 5.13 | 5.13 | | | 4.02 | 4.02 | |
| Fabrics and their uses | 16.00 | 16.00 | | | | 13.57 | 13.57 | | | 10.63 | 10.63 | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material Blank | 7.45 | | | | | 6.32 | | | | | | |
| Bibliography Glossary | 1.00 | 1.00 | | | | .85 | .85 | | | .66 | .66 | |
| Index | 2.50 | 2.50 | | | | 2.12 | 2.12 | | | 1.66 | 1.66 | |
| TOTALS | 158.00 | 125.80 | 24.75 | 64 | | 135.95 | 106.71 | 20.99 | 64 | 100.02 | 83.60 | 16.43 |

Table 35 . Distribution of Subject Matter Content of Wakeman and Heller, Scientific Sewing and Garment Cutting, 1898.

| TOPICS | On basis 352 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|-------------|-------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 12.50 | 10.50 | 2.00 | 1 4 | 1 4 | 12.56 | 10.55 | 2.01 | 5 | 12.57 | 10.56 | 2.01 |
| Patterns, drafting and draping | 12.00 | 9.50 | 2.50 | 4 2 | 2 4 | 12.06 | 9.55 | 2.57 | 6 | 12.07 | 9.55 | 2.51 |
| Applied design | 3.25 | 3.25 | | | | 3.26 | 3.26 | | | 3.27 | 3.27 | |
| Sewing processes | 17.75 | 14.50 | 3.25 | 2 1 3 | 1 2 4 | 17.83 | 14.57 | 3.26 | 6 | 17.85 | 14.58 | 3.27 |
| Garment construction | 19.75 | 14.00 | 5.75 | 4 1 5 | 1 2 4 | 19.85 | 14.08 | 5.78 | 10 | 19.85 | 14.08 | 5.78 |
| Care of clothing | 8.75 | 7.00 | 1.75 | 1 5 | 2 4 | 8.79 | 7.04 | 1.76 | 6 | 8.80 | 7.04 | 1.76 |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | 9.25 | 6.50 | 2.75 | 1 3 1 | 1 2 4 | 9.20 | 6.53 | 2.76 | 5 | 9.30 | 6.53 | 2.77 |
| Text. fibers | 16.25 | 12.75 | 3.50 | 1 2 6 | 1 2 4 | 16.32 | 12.80 | 3.52 | 9 | 16.35 | 12.83 | 3.52 |
| Fabrics and their uses | | | | | | | | | | | | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 49.25 | | | | | 49.50 | | | | | | |
| Blank Bibliography Index | 6.25 | | | | | 6.28 | | | | | | |
| TOTALS | 155.00 | 78.00 | 21.50 | 47 | | 155.75 | 78.38 | 21.66 | 47 | 100.06 | 78.44 | 21.62 |

Table 36 . Distribution of Subject Matter Content of Patton, Home and School Sewing, 1901.

| TOPICS | On basis 270 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|--------------------------|-----------------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|----------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %il lus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 13.50 | 13.00 | .50 | 1 | 2 | 10.40 | 10.03 | .38 | 1 | 8.68 | 8.37 | .32 |
| Patterns, drafting and draping | | | | | | | | | | 1.77 | 1.77 | |
| Applied design | 2.75 | 2.75 | | | | 2.12 | 2.12 | | | 61.20 | 42.89 | 18.30 |
| Sewing processes | 95.00 | 66.59 | 28.41 | 1 29 29 12 2 | 1 2 3 4 8 | 73.25 | 51.30 | 21.90 | 73 | | | |
| Garment construction | .25 | .25 | | | | .19 | .19 | | | .16 | .16 | |
| Care of clothing | 23.00 | 14.67 | 8.33 | 5 7 6 | 1.5 2 9 | 17.73 | 11.31 | 6.42 | 18 | 14.82 | 9.44 | 5.37 |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture Text. fibers | 12.75 | 11.96 | .79 | 1 1 1 | 2 6 8 | 9.82 | 9.21 | .61 | 3 | 8.21 | 7.70 | .51 |
| Fabrics and their uses | 8.00 | 8.00 | | | | 6.17 | 6.17 | | | 5.15 | 5.15 | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 48.00 | | | | | 37.00 | | | | | | |
| Blank | 18.75 | | | | | 14.46 | | | | | | |
| Bibliography Index | | | | | | | | | | | | |
| TOTALS | 222.00 | 117.22 | 38.03 | 95 | | 171.24 | 90.33 | 29.31 | 95 | 99.99 | 75.48 | 24.50 |

Table 37 . Distribution of Subject Matter Content of Blair, Manual of Exercises in Hand Sewing, 1904

| TOPICS | On basis 290 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|--------------|-------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 1.75 | 1.25 | .50 | 1 | 2 | 1.45 | 1.03 | .41 | 1 | 2.50 | 1.79 | .71 |
| Patterns, drafting and draping | 2.00 | 2.00 | | | | 1.65 | 1.65 | | | 2.86 | 2.86 | |
| Applied design Sewing processes | 37.00 | 28.00 | 9.00 | 1 13 6 | 1 2 4 | 30.61 | 23.20 | 7.45 | 20 | 52.85 | 40.00 | 12.86 |
| Garment construction | 11.75 | 6.25 | 5.50 | 4 3 | 1 2 | 9.72 | 5.17 | 4.55 | 7 | 16.80 | 8.92 | 7.86 |
| Care of clothing | 14.75 | 9.75 | 5.00 | 10 | 2 | 12.22 | 8.08 | 4.14 | 10 | 21.10 | 13.94 | 7.14 |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture Text. fibers | | | | | | | | | | | | |
| Fabrics and their uses | | | | | | | | | | | | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 10.00 | | | | | 8.28 | | | | | | |
| Blank Bibliography | 25.00 | | | | | 20.70 | | | | | | |
| Index | 2.75 | 2.75 | | | | 2.28 | 2.28 | | | 3.93 | 3.93 | |
| TOTALS | 105.00 | 50.00 | 20.00 | 38 | | 86.91 | 41.41 | 16.55 | 38 | 100.04 | 71.44 | 28.57 |

Table 38 . Distribution of Subject Matter Content of Blair, Sewing and Garment Drafting, 1904.

| TOPICS | On basis 319 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|---------------|-------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 8.25 | 7.75 | .50 | 1 | 2 | 7.51 | 7.06 | .45 | 1 | 5.03 | 4.72 | .31 |
| Patterns, drafting and draping | 106.50 | 85.25 | 21.25 | 11 20 1 | 1 2 4 | 97.10 | 77.70 | 19.35 | 32 | 65.00 | 52.00 | 12.96 |
| Applied design | 2.25 | 2.25 | | | | 2.05 | 2.05 | | | 1.37 | 1.37 | |
| Sewing processes | 23.00 | 17.45 | 5.55 | 1 19 | 1.5 4 | 20.96 | 15.90 | 5.06 | 20 | 14.04 | 10.63 | 3.39 |
| Garment construction | 1.00 | .50 | .50 | 1 | 2 | .91 | .45 | .45 | 1 | .61 | .30 | .30 |
| Care of clothing | 8.00 | 5.50 | 2.50 | 4 2 | 2 4 | 7.29 | 5.02 | 2.28 | 6 | 4.88 | 3.35 | 1.53 |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | | | | | | | | | | | | |
| Text. fibers | 7.25 | 7.25 | | | | 6.61 | 6.61 | | | 4.42 | 4.42 | |
| Fabrics and their uses | 7.75 | 7.75 | | | | 7.06 | 7.06 | | | 4.72 | 4.72 | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | | | | | | | | | | | | |
| Blank | 6.00 | | | | | 5.47 | | | | | | |
| Bibliography | | | | | | | | | | | | |
| Index | | | | | | | | | | | | |
| TOTALS | 170.00 | 133.70 | 30.30 | 60 | | 154.96 | 121.85 | 27.59 | 60 | 100.07 | 81.51 | 18.49 |

Table 39 . Distribution of Subject Matter Content of Johnson, Progressive Lessons in the Art of Needlework, 1904.

| TOPICS | On basis 372 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|--|-----------------------------|----------------|---------------|--------------------|------------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 9.50 | 6.88 | 2.62 | 1 2 1 | 2 4 8 | 10.11 | 7.32 | 2.78 | 4 | 10.95 | 7.94 | 3.02 |
| Patterns, drafting and draping | 21.00 | 14.13 | 6.87 | 6 3 1 | 1 4 8 | 22.33 | 15.20 | 7.30 | 10 | 24.20 | 16.30 | 7.92 |
| Applied design | 1.25 | 1.25 | | | | 1.33 | 1.33 | | | 1.44 | 1.44 | |
| Sewing processes | 30.05 | 17.18 | 12.87 | 2 8 19 17 | 1 2 4 8 | 31.95 | 18.28 | 13.67 | 46 | 34.70 | 19.80 | 14.83 |
| Garment construction | 9.25 | 7.75 | 1.50 | 2 2 | 2 4 | 9.84 | 8.24 | 1.59 | 4 | 10.66 | 8.93 | 1.73 |
| Care of clothing | 15.70 | 6.95 | 8.75 | 14 6 2 | 2 4 8 | 16.70 | 7.38 | 9.30 | 22 | 18.10 | 8.02 | 10.10 |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture Text. fibers Fabrics and their uses | | | | | | | | | | | | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 24.00 | | | | | 25.52 | | | | | | |
| Blank | 4.25 | | | | | 4.52 | | | | | | |
| Bibliography Index | | | | | | | | | | | | |
| TOTALS | 115.00 | 54.14 | 32.61 | 86 | | 122.30 | 57.75 | 34.64 | 86 | 100.05 | 62.43 | 37.60 |

Table 40 . Distribution of Subject Matter Content of Krolik, Hand Sewing Lessons, 1905.

| TOPICS | On basis 341 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|--|-----------------------------|----------------|---------------|--------------------|------------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 4.25 | 4.25 | | | | 4.13 | 4.13 | | | 7.80 | 7.80 | |
| Patterns, drafting and draping | 2.50 | 1.50 | 1.00 | 1 | 1 | 2.42 | 1.46 | .97 | 1 | 4.59 | 2.76 | 1.84 |
| Applied design Sewing processes | 39.25 | 17.59 | 21.66 | 9 13 2 22 | 1 2 3 4 | 38.15 | 17.11 | 21.08 | 46 | 72.10 | 32.30 | 39.80 |
| Garment construction | 3.00 | 1.50 | 1.50 | 1 1 | 1 2 | 2.92 | 1.46 | 1.46 | 2 | 5.51 | 2.76 | 2.76 |
| Care of clothing | 3.75 | 1.75 | 2.00 | 1 1 2 | 1 2 4 | 3.65 | 1.70 | 1.95 | 4 | 6.88 | 3.21 | 3.67 |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture Text. fibers Fabrics and their uses | | | | | | | | | | | | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 24.00 | | | | | 23.35 | | | | | | |
| Blank | 9.50 | | | | | 9.24 | | | | | | |
| Bibliography Index | 1.75 | 1.75 | | | | 1.70 | 1.70 | | | 3.21 | 3.21 | |
| TOTALS | 88.00 | 28.34 | 26.16 | 53 | | 85.56 | 27.56 | 25.46 | 53 | 100.09 | 52.04 | 48.07 |

Table 41. Distribution of Subject Matter Content of James, Longman's Complete Course of Needlework, 1906.

| TOPICS | On basis 370 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|---------------------------------|------------------------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 3.00 | 3.00 | | | | 3.17 | 3.17 | | | .79 | .79 | |
| Patterns, drafting and draping | 31.50 | 14.17 | 17.33 | 7 2 12 4 6 | 1 1.3 2 3 4 | 33.28 | 14.98 | 18.31 | 31 | 8.27 | 3.72 | 4.55 |
| Applied design | | | | | | | | | | | | |
| Sewing processes | 138.50 | 86.76 | 51.74 | 1 27 14 96 26 34 | 1 2 3 4 6 8 | 146.50 | 91.60 | 54.70 | 198 | 36.39 | 22.79 | 13.60 |
| Garment construction | 62.00 | 47.50 | 14.50 | 2 11 22 12 | 1 2 4 8 | 65.50 | 50.20 | 15.33 | 47 | 16.29 | 12.47 | 3.81 |
| Care of clothing | 72.75 | 46.09 | 26.66 | 3 4 26 12 15 20 | 1 1.5 2 4 6 8 | 76.90 | 48.70 | 28.20 | 80 | 19.10 | 12.10 | 7.00 |
| Millinery | | | | | | | | | | | | |
| Knitting | 68.00 | 51.84 | 16.16 | 1 4 19 6 4 | 1 1.5 2 3 4 | 71.90 | 54.70 | 17.10 | 34 | 17.85 | 13.60 | 4.24 |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | | | | | | | | | | | | |
| Text. fibers | | | | | | | | | | | | |
| Fabrics and their uses | | | | | | | | | | | | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 55.25 | | | | | 58.40 | | | | | | |
| Blank | 15.75 | | | | | 16.64 | | | | | | |
| Bibliography | | | | | | | | | | | | |
| Index | 5.25 | 5.25 | | | | 5.55 | 5.55 | | | 1.38 | 1.38 | |
| TOTALS | 452.00 | 254.61 | 126.39 | 390 | | 477.84 | 268.90 | 133.64 | 390 | 100.07 | 66.85 | 33.20 |

Table 42. Distribution of Subject Matter Content of Watson, Textiles and Clothing, 1908.

| TOPICS | On basis 261 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|--|-----------------------------|----------------|---------------|-------------------|---------------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 11.25 | 10.25 | 1.00 | 1 | 1 | 8.37 | 7.63 | .75 | 1 | 4.89 | 4.46 | .44 |
| Patterns, drafting and draping | 4.50 | 3.50 | 1.00 | 1 | 1 | 3.36 | 2.61 | .75 | 1 | 1.96 | 1.52 | .44 |
| Applied design | 14.00 | 12.67 | 1.33 | 4 | 3 | 10.43 | 9.43 | .99 | 4 | 6.08 | 5.50 | .58 |
| Sewing processes | 46.85 | 26.65 | 20.20 | 13 4 7 2 | 1 1.25 2 4 | 34.90 | 19.85 | 15.05 | 26 | 20.39 | 11.60 | 8.78 |
| Garment construction | 26.50 | 23.04 | 3.46 | 1 1 5 | 1 1.25 3 | 19.73 | 17.17 | 2.58 | 7 | 11.52 | 10.02 | 1.50 |
| Care of clothing | 19.40 | 14.57 | 4.83 | 3 2 1 | 1 1.5 2 | 14.46 | 10.85 | 3.60 | 6 | 8.43 | 6.33 | 2.10 |
| Millinery TEXTILES Text. manufacture | 49.00 | 18.00 | 31.00 | 25 11 2 | 1 2 4 | 36.50 | 13.41 | 23.10 | 38 | 21.30 | 7.83 | 13.48 |
| Text. fibers | 32.50 | 18.09 | 14.41 | 11 6 5 3 | 1 2 3 4 | 24.20 | 13.47 | 10.74 | 25 | 14.13 | 7.86 | 6.27 |
| Fabrics and their uses | 18.00 | 18.00 | | | | 13.41 | 13.41 | | | 7.83 | 7.83 | |
| MISCELLANEOUS Foreign material Blank | 4.00 | | | | | 2.98 | | | | 1.74 | 1.74 | |
| Bibliography | 4.00 | 4.00 | | | | 2.98 | 2.98 | | | 1.74 | 1.74 | |
| Index | 4.00 | 4.00 | | | | 2.98 | 2.98 | | | 1.74 | 1.74 | |
| TOTALS | 234.00 | 152.77 | 77.23 | 108 | | 174.30 | 113.79 | 57.57 | 108 | 100.01 | 66.43 | 33.59 |

Table 43. Distribution of Subject Matter Content of Kirkwood, Illustrated Sewing Primer, 1909.

| TOPICS | On basis 161 words per page | | | | | On basis 350 words per page | | | | On a percentage basis. | | |
|-------------------------------------|-----------------------------|----------------|---------------|-------------|-------------|-----------------------------|----------------|---------------|-----|------------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 5.50 | 5.50 | | | | 2.53 | 2.53 | | | 20.78 | 20.78 | |
| Patterns, drafting and draping | | | | | | | | | | | | |
| Applied design | | | | | | | | | | | | |
| Sewing processes | 9.75 | 6.50 | 3.25 | 1 3 7 | 2 3 4 | 4.49 | 2.99 | 1.49 | 11 | 36.80 | 24.55 | 12.26 |
| Garment construction | 8.50 | 7.50 | 1.00 | 1 | 1 | 3.92 | 3.45 | .46 | 1 | 32.10 | 28.30 | 3.77 |
| Care of clothing | .75 | .25 | .50 | 4 | 8 | .34 | .11 | .23 | 4 | 2.83 | .94 | 1.89 |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | | | | | | | | | | | | |
| Text. fibers | .50 | .50 | | | | .23 | .23 | | | 1.89 | 1.89 | |
| Fabrics and their uses | 1.50 | 1.50 | | | | .69 | .69 | | | 5.67 | 5.67 | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 54.00 | | | | | 24.82 | | | | | | |
| Blank Bibliography Index | 1.50 | | | | | .69 | | | | | | |
| TOTALS | 82.00 | 21.75 | 4.75 | 16 | | 37.71 | 10.00 | 2.18 | 16 | 100.06 | 82.13 | 17.92 |

Table 44. Distribution of Subject Matter Content of Goodwin, Course in Sewing, 1910.

| TOPICS | On basis 330 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|--|-----------------------------|----------------|---------------|----------------------------------|-----------------------------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | .50 | .25 | .25 | 1 | 4 | .47 | .24 | .24 | 1 | .47 | .23 | .23 |
| Patterns, drafting and draping | 2.75 | 1.00 | 1.75 | 3 3 | 3 4 | 2.59 | .94 | 1.65 | 6 | 2.58 | .94 | 1.64 |
| Applied design Sewing processes | 34.42 | 19.56 | 14.86 | 1 1 7 4 29 6 1 | 1 1.5 2 3 4 6 8 | 32.43 | 18.40 | 14.00 | 49 | 32.33 | 18.35 | 13.95 |
| Garment construction | 57.67 | 34.22 | 23.45 | 3 29 4 20 3 1 | 1.5 2 3 4 6 8 | 54.25 | 32.21 | 22.10 | 60 | 54.15 | 32.15 | 22.00 |
| Care of clothing Millinery | 10.75 | 7.00 | 3.75 | 15 | 4 | 10.13 | 6.60 | 3.53 | 15 | 10.10 | 6.57 | 3.52 |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture Text. fibers Fabrics and their uses | .50 | .50 | | | | .47 | .47 | | | .47 | .47 | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material Blank Bibliography Index | 16.41 | | | | | 15.48 | | | | | | |
| TOTALS | 123.00 | 62.53 | 44.06 | 131 | | 115.82 | 58.86 | 41.52 | 131 | 100.10 | 58.71 | 41.34 |

Table 45 . Distribution of Subject Matter Content of Woolman, A Sewing Course, 1910.

| TOPICS | On basis 303 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|---|-----------------------------|----------------|---------------|--------------|-------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | .50 | .50 | | | | .43 | .43 | | | .59 | .59 | |
| Patterns, drafting and draping | | | | | | | | | | | | |
| Applied design Sewing processes | 54.50 | 49.00 | 5.50 | 1 7 26 | 2 4 8 | 47.20 | 42.40 | 4.76 | 34 | 64.30 | 57.80 | 6.49 |
| Garment construction | 7.25 | 7.13 | .12 | 1 | 8 | 6.27 | 6.17 | .10 | 1 | 8.56 | 8.42 | .14 |
| Care of clothing | 12.50 | 11.38 | 1.12 | 3 3 | 4 8 | 10.80 | 9.83 | .97 | 6 | 14.75 | 13.43 | 1.34 |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | 2.75 | 2.25 | .50 | 2 | 4 | 2.38 | 1.95 | .43 | 2 | 3.25 | 2.66 | .59 |
| Text. fibers Fabrics and their uses | 2.75 | 2.75 | | | | 2.38 | 2.38 | | | 3.25 | 3.25 | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 36.50 | | | | | 31.55 | | | | | | |
| Blank | 15.75 | | | | | 13.61 | | | | | | |
| Bibliography | 2.75 | 2.75 | | | | 2.38 | 2.38 | | | 3.25 | 3.25 | |
| Index | 1.75 | 1.75 | | | | 1.51 | 1.51 | | | 2.07 | 2.07 | |
| TOTALS | 137.00 | 77.51 | 7.24 | 43 | | 118.51 | 67.05 | 6.26 | 43 | 100.02 | 91.47 | 8.56 |

Table 46 . Distribution of Subject Matter Content of Blair, A New and Practical Course of Graded Sewing Texts, 1911.

| TOPICS | On basis 517 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|---------------------------------|------------------------------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 9.00 | 6.55 | 2.45 | 3 6 3 3 | 4 6 8 9 | 13.31 | 9.67 | 3.62 | 15 | 4.84 | 3.55 | 1.32 |
| Patterns, drafting and draping | 29.16 | 19.61 | 9.55 | 2 6 1 13 6 3 | 1.25 2 2 3 4 6 8 | 43.10 | 29.00 | 14.12 | 31 | 15.66 | 10.54 | 5.13 |
| Applied design | 3.75 | 2.75 | 1.00 | 1 | 1 | 5.54 | 4.06 | 1.48 | 1 | 2.02 | 1.48 | .54 |
| Sewing processes | 58.91 | 29.84 | 29.07 | 21 14 39 14 12 3 | 2 2 3 4 6 8 9 | 87.00 | 44.10 | 42.90 | 103 | 31.70 | 16.05 | 15.63 |
| Garment construction | 57.68 | 34.03 | 23.65 | 3 17 13 17 20 10 | 1.5 2 3 4 6 8 | 85.10 | 50.25 | 34.95 | 80 | 31.00 | 18.30 | 12.70 |
| Care of clothing | 14.50 | 8.51 | 5.99 | 3 6 3 4 14 | 2 2 3 4 6 8 | 21.42 | 12.59 | 8.85 | 30 | 7.80 | 4.58 | 3.22 |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | 1.00 | 1.00 | | 1 | 2 | 1.48 | 1.48 | | | .54 | .54 | |
| Text. fibers | 11.75 | 9.39 | 2.36 | 3 2 1 | 2.5 4 6 | 17.35 | 13.89 | 3.48 | 7 | 6.32 | 5.05 | 1.27 |
| Fabrics and their uses | .25 | .25 | | | | .37 | .37 | | | .13 | .13 | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 26.00 | | | | | 38.40 | | | | | | |
| Blank | 29.00 | | | | | 42.85 | | | | | | |
| Bibliography | | | | | | | | | | | | |
| Index | | | | | | | | | | | | |
| TOTALS | 241.00 | 111.93 | 74.07 | 267 | | 355.92 | 165.41 | 109.40 | 267 | 100.01 | 60.21 | 39.81 |

Table 47 . Distribution of Subject Matter Content of The Dressmaker, 1911.

| TOPICS | On basis 826 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|--|-----------------------------|----------------|---------------|----------------|-------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 3.00 | 2.25 | .75 | 3 | 4 | 7.07 | 5.31 | 1.77 | 3 | 2.46 | 1.85 | .61 |
| Patterns, drafting and draping | 11.25 | 5.83 | 5.42 | 13 13 | 4 6 | 26.55 | 13.77 | 12.79 | 26 | 9.22 | 4.78 | 4.44 |
| Applied design Sewing processes | 30.25 | 17.00 | 13.25 | 33 93 | 6 12 | 71.40 | 40.15 | 31.21 | 126 | 24.80 | 13.93 | 10.85 |
| Garment construction | 68.00 | 41.25 | 26.75 | 1 15 135 | 2 4 6 | 160.50 | 97.40 | 63.10 | 151 | 55.70 | 33.80 | 21.90 |
| Care of clothing | 7.25 | 4.82 | 2.43 | 11 6 | 6 10 | 17.12 | 11.37 | 5.73 | 17 | 5.94 | 3.95 | 1.99 |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture Text. fibers Fabrics and their uses | .75 | .75 | | | | 1.77 | 1.77 | | | .61 | .61 | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material Blank Bibliography Index | 8.00 1.50 | 1.50 | | | | 18.89 3.54 | 3.54 | | | 1.23 | 1.23 | |
| TOTALS | 130.00 | 73.40 | 48.60 | 323 | | 306.84 | 173.31 | 114.60 | 323 | 99.96 | 60.15 | 39.79 |

Table 48 . Distribution of Subject Matter Content of Ingalls, Text Book on Domestic Art, 1911.

| TOPICS | On basis 208 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|---------------|-------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 23.25 | 23.25 | | | | 13.80 | 13.80 | | | 10.75 | 10.75 | |
| Patterns, drafting and draping | 46.75 | 37.25 | 9.50 | 6 7 | 1 2 | 27.76 | 22.15 | 5.64 | 13 | 21.61 | 17.25 | 4.39 |
| Applied design | | | | | | | | | | | | |
| Sewing processes | 53.25 | 39.25 | 14.00 | 4 13 14 | 1 2 4 | 31.60 | 23.30 | 8.31 | 31 | 24.61 | 18.15 | 6.47 |
| Garment construction | 53.50 | 44.00 | 9.50 | 9 1 | 1 2 | 31.80 | 26.15 | 5.64 | 10 | 24.73 | 20.35 | 4.39 |
| Care of clothing | 7.75 | 5.50 | 2.25 | 2 1 | 2 4 | 4.60 | 3.26 | 1.34 | 3 | 3.58 | 2.54 | 1.04 |
| Millinery Lace Making | 9.50 | 4.50 | 5.00 | 5 | 1 | 5.64 | 2.67 | 2.97 | 5 | 4.39 | 2.08 | 2.31 |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture Text. fibers | 7.00 | 7.00 | | | | 4.16 | 4.16 | | | 3.24 | 3.24 | |
| Fabrics and their uses | 15.25 | 15.25 | | | | 9.05 | 9.05 | | | 7.05 | 7.05 | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 6.00 | | | | | 3.56 | | | | | | |
| Blank Bibliography Index | 9.75 | | | | | 5.79 | | | | | | |
| TOTALS | 232.00 | 176.00 | 40.25 | 62 | | 137.76 | 104.54 | 23.90 | 62 | 99.96 | 81.41 | 18.60 |

Table 49 . Distribution of Subject Matter Content of Gibbs, Household Textiles, 1912.

| TOPICS | On basis 279 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|------------------|------------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | | | | | | | | | | | | |
| Patterns, drafting and draping | | | | | | | | | | | | |
| Applied design | 14.00 | 12.75 | 1.25 | 3 1 | 3 4 | 11.15 | 10.15 | .99 | 4 | 6.50 | 5.91 | .58 |
| Sewing processes | | | | | | | | | | | | |
| Garment construction | | | | | | | | | | | | |
| Care of clothing | | | | | | | | | | | | |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | 59.50 | 52.50 | 7.00 | 2 8 4 | 1 2 4 | 47.45 | 41.80 | 5.67 | 14 | 27.60 | 24.35 | 3.24 |
| Text. fibers | 79.50 | 74.50 | 5.00 | 1 1 9 2 | 1 2 3 4 | 63.40 | 59.40 | 3.98 | 13 | 36.90 | 34.60 | 2.32 |
| Fabrics and their uses | 49.50 | 45.50 | 4.00 | 2 3 2 | 1 2 4 | 39.41 | 36.25 | 3.19 | 7 | 22.96 | 21.10 | 1.86 |
| MISCELLANEOUS | | | | | | 14.95 | | | | | | |
| Foreign material | 18.75 | | | | | 2.79 | | | | | | |
| Blank | 3.50 | | | | | 2.98 | 2.98 | | | 1.74 | 1.74 | |
| Bibliography | 3.75 | 3.75 | | | | 7.57 | 7.57 | | | 4.41 | 4.41 | |
| Index | 9.50 | 9.50 | | | | | | | | | | |
| TOTALS | 238.00 | 198.50 | 17.25 | 38 | | 189.70 | 158.15 | 13.83 | 38 | 100.11 | 92.11 | 8.00 |

Table 50. Distribution of Subject Matter Content of Meldrum, Sewing Laboratory Manual, 1912.

| TOPICS | On basis 480 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|-----|------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 4.00 | 4.00 | | | | 5.49 | 5.49 | | | 14.15 | 14.15 | |
| Patterns, drafting and draping | 11.00 | 5.00 | 6.00 | 6 | 1 | 15.10 | 6.86 | 8.23 | 6 | 38.90 | 17.70 | 21.20 |
| Applied design | | | | | | | | | | | | |
| Sewing processes | 9.80 | 9.80 | | | | 13.46 | 13.46 | | | 34.61 | 34.61 | |
| Garment construction | 1.75 | 1.75 | | | | 2.40 | 2.40 | | | 6.18 | 6.18 | |
| Care of clothing | 1.50 | 1.50 | | | | 2.06 | 2.06 | | | 5.30 | 5.30 | |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | .25 | .25 | | | | .34 | .34 | | | .88 | .88 | |
| Text. fibers | | | | | | | | | | | | |
| Fabrics and their uses | | | | | | | | | | | | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 1.75 | 1.75 | | | | 2.40 | 2.40 | | | | | |
| Blank | 13.95 | 13.95 | | | | 19.13 | 19.13 | | | | | |
| Bibliography | | | | | | | | | | | | |
| Index | | | | | | | | | | | | |
| TOTALS | 44.00 | 38.00 | 6.00 | 6 | | 60.38 | 52.14 | 8.23 | 6 | 100.02 | 78.82 | 21.20 |

Table 51 . Distribution of Subject Matter Content of Wilson, Handbook of Domestic Science and Household Arts, 1912.

| TOPICS | On basis 340 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|--------|--------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 5.25 | 5.25 | | | | 5.10 | 5.10 | | | 24.15 | 24.15 | |
| Patterns, drafting and draping | | | | | | | | | | | | |
| Applied design | | | | | | | | | | | | |
| Sewing processes | 4.75 | 3.13 | 1.62 | 3 1 | 2 8 | 4.62 | 3.04 | 1.56 | 4 | 21.83 | 14.40 | 7.44 |
| Garment construction | | | | | | | | | | | | |
| Care of clothing | 8.50 | 5.50 | 3.00 | 6 | 2 | 8.25 | 5.34 | 2.92 | 6 | 39.10 | 25.30 | 13.80 |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | | | | | | | | | | | | |
| Text. fibers | 3.00 | 3.00 | | | | 2.92 | 2.92 | | | 13.80 | 13.80 | |
| Fabrics and their uses | | | | | | | | | | | | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | .50 | | | | | .48 | | | | | | |
| Blank | .75 | | | | | .73 | | | | | | |
| Bibliography | .25 | .25 | | | | .24 | .24 | | | 1.15 | 1.15 | |
| Index | | | | | | | | | | | | |
| TOTALS | 23.00 | 17.13 | 4.62 | 10 | | 22.34 | 16.64 | 4.48 | 10 | 100.03 | 78.80 | 21.24 |

Table 52. Distribution of Subject Matter Content of Jessup, The Sewing Book, 1913.

| TOPICS | On basis 676 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|---|-----------------------------|----------------|---------------|------------------------------------|----------------------------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total No.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 2.15 | 2.15 | | 1 | 12 | 4.15 | 4.15 | | | 2.02 | 2.02 | |
| Patterns, drafting and draping | | | | | | | | | | | | |
| Applied design Sewing processes | 30.80 | 20.10 | 10.70 | 1 6 21 13 37 | 1 4 6 8 12 | 59.40 | 38.80 | 20.65 | 78 | 28.90 | 18.85 | 10.05 |
| Garment construction | 64.60 | 40.28 | 24.32 | 6 2 2 13 53 4 49 | 1 2 3 4 6 8 12 | 124.70 | 77.60 | 46.90 | 129 | 60.70 | 37.83 | 22.83 |
| Care of clothing Millinery | 6.30 | 4.13 | 2.17 | 13 | 6 | 12.16 | 7.97 | 4.18 | 13 | 5.92 | 3.88 | 2.04 |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | .20 | .20 | | | | .38 | .38 | | | .19 | .19 | |
| Text. fibers Fabrics and their uses | .60 | .60 | | | | 1.16 | 1.16 | | | .56 | .56 | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 1.60 | | | | | 3.09 | | | | | | |
| Blank | 14.00 | | | | | 27.00 | | | | | | |
| Bibliography | 1.75 | 1.75 | | | | 3.38 | 3.38 | | | 1.64 | 1.64 | |
| Index | | | | | | | | | | | | |
| TOTALS | 122.00 | 69.21 | 37.19 | 220 | | 235.42 | 133.44 | 71.73 | 220 | 99.93 | 64.97 | 34.92 |

Table 53. Distribution of Subject Matter Content of Woolman and McGowan, Textiles, 1913.

| TOPICS | On basis 350 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|--|-----------------------------|----------------|---------------|----------------|-------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | | | | | | | | | | | | |
| Patterns, drafting and draping | | | | | | | | | | | | |
| Applied design Sewing processes Garment construction | | | | | | | | | | | | |
| Care of clothing Millinery | 10.50 | 10.50 | | | | 10.50 | 10.50 | | | 2.51 | 2.51 | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | 115.75 | 85.75 | 30.00 | 12 17 38 | 1 2 4 | 115.75 | 85.75 | 30.00 | 67 | 27.60 | 20.45 | 7.15 |
| Text. fibers | 169.50 | 137.00 | 32.50 | 16 23 20 | 1 2 4 | 169.50 | 137.00 | 32.50 | 59 | 40.45 | 32.65 | 7.75 |
| Fabrics and their uses | 105.50 | 104.00 | 1.50 | 1 2 | 1 4 | 105.50 | 104.00 | 1.50 | 3 | 25.15 | 24.80 | .36 |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material Blank | 8.75 | | | | | 8.75 | | | | | | |
| Bibliography | 2.50 | 2.50 | | | | 2.50 | 2.50 | | | .59 | .59 | |
| Glossary | 3.50 | 3.50 | | | | 3.50 | 3.50 | | | .84 | .84 | |
| Index | 12.00 | 12.00 | | | | 12.00 | 12.00 | | | 2.86 | 2.86 | |
| TOTALS | 428.00 | 355.25 | 64.00 | 129 | | 428.00 | 355.25 | 64.00 | 129 | 100.00 | 84.70 | 15.26 |

Table 54 . Distribution of Subject Matter Content of Cooke and Kidd, Dressmaking in the School, 1914.

| TOPICS | On basis 480 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|--|-----------------------------|----------------|---------------|----------------------------|------------------------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 10.17 | 6.92 | 3.25 | 1 1 2 1 3 | 1.3 1.5 2 3 6 | 13.95 | 9.50 | 4.46 | 8 | 7.65 | 5.21 | 2.35 |
| Patterns, drafting and draping | 29.58 | 20.47 | 9.11 | 2 5 8 6 5 1 | 1.3 2 3 4 6 8 | 40.60 | 28.10 | 12.50 | 27 | 22.25 | 15.42 | 6.85 |
| Applied design Sewing processes | 52.91 | 33.25 | 19.66 | 1 1 11 36 33 | 1 2 3 4 6 | 72.60 | 45.65 | 27.00 | 82 | 39.80 | 25.02 | 14.80 |
| Garment construction | 38.25 | 27.25 | 11.00 | 2 4 7 16 8 | 1.5 2 3 4 6 | 52.50 | 37.40 | 15.10 | 37 | 28.80 | 20.50 | 8.28 |
| Care of clothing Millinery TEXTILES Text. manufacture Text. fibers Fabrics and their uses MISCELLANEOUS Foreign material | 4.00 | | | | | 5.49 | | | | | | |
| Blank | 12.09 | | | | | 16.58 | | | | | | |
| Bibliography Index | 2.00 | 2.00 | | | | 2.75 | 2.75 | | | 1.51 | 1.51 | |
| TOTALS | 149.00 | 89.89 | 43.02 | 154 | | 204.47 | 123.40 | 59.06 | 154 | 100.01 | 67.66 | 32.28 |

Table 55. Distribution of Subject Matter Content of Dooley, Textiles, 1914.

| TOPICS | On basis 270 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|---|-----------------------------|----------------|---------------|-------------------------|-----------------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | | | | | | | | | | | | |
| Patterns, drafting and draping | | | | | | | | | | | | |
| Applied design Sewing processes Garment construction Care of clothing Millinery Lace manufacture | 3.75 | 3.75 | | | | 2.89 | 2.89 | | | 1.43 | 1.43 | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | 49.25 | 44.00 | 5.25 | 3 3 2 2 | 1 2 4 8 | 38.00 | 33.95 | 4.05 | 10 | 18.83 | 16.81 | 2.01 |
| Text. fibers | 131.00 | 107.50 | 23.50 | 12 21 1 2 1 | 1 2 3 4 6 | 101.00 | 82.90 | 18.11 | 37 | 50.00 | 41.10 | 8.98 |
| Fabrics and their uses | 71.25 | 70.25 | 1.00 | 1 | 1 | 54.95 | 54.15 | .77 | 1 | 27.25 | 26.85 | .38 |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 57.00 | | | | | 44.00 | | | | | | |
| Blank Bibliography Index | 10.25 6.50 | 6.50 | | | | 7.90 5.01 | 5.01 | | | 2.48 | 2.48 | |
| TOTALS | 329.00 | 232.00 | 29.75 | 48 | | 253.75 | 178.90 | 22.93 | 48 | 99.99 | 88.67 | 11.37 |

Table 56. Distribution of Subject Matter Content of Osborne, Food and Clothing, 1914.

| TOPICS | On basis 232 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|------------------|--------------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 3.50 | 1.84 | 1.66 | 1 2 | 1 3 | 2.32 | 1.22 | 1.10 | 3 | 8.00 | 4.21 | 3.79 |
| Patterns, drafting and draping | 2.75 | .75 | 2.00 | 1 2 | 1 2 | 1.82 | .50 | 1.32 | 3 | 6.29 | 1.72 | 4.57 |
| Applied design | 2.75 | 2.75 | | | | 1.82 | 1.82 | | | 6.29 | 6.29 | |
| Sewing processes | 6.84 | 3.34 | 3.50 | 2 1 1 1 | 1 1.5 2 3 | 4.53 | 2.22 | 2.32 | 5 | 15.65 | 7.64 | 8.00 |
| Garment construction | 4.30 | 4.30 | | | | 2.85 | 2.85 | | | 9.82 | 9.82 | |
| Care of clothing | 13.31 | 11.65 | 1.66 | 1 2 | 1 3 | 8.81 | 7.71 | 1.10 | 3 | 30.45 | 26.65 | 3.79 |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | .95 | .95 | | | | .63 | .63 | | | 2.17 | 2.17 | |
| Text. fibers | 1.75 | 1.75 | | | | 1.16 | 1.16 | | | 4.00 | 4.00 | |
| Fabrics and their uses | 6.60 | 6.60 | | | | 4.37 | 4.37 | | | 15.10 | 15.10 | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 1.25 | | | | | .83 | | | | | | |
| Blank | 2.00 | | | | | 1.32 | | | | | | |
| Bibliography | 1.00 | 1.00 | | | | .66 | .66 | | | 2.29 | 2.29 | |
| Index | | | | | | | | | | | | |
| TOTALS | 47.00 | 34.93 | 8.82 | 14 | | 31.12 | 23.14 | 5.84 | 14 | 100.06 | 79.89 | 20.15 |

Table 57. Distribution of Subject Matter Content of Kinne and Cooley, Shelter and Clothing, 1915.

| TOPICS | On basis 330 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|----------------------------------|-----------------------------|----------------|---------------|-----|------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 5.00 | 4.25 | .75 | 1 | 2 | 4.71 | 4.00 | .71 | 2 | 1.84 | 1.56 | .27 |
| Patterns, drafting and draping | 24.50 | 15.75 | 8.75 | 1 | 4 | 23.10 | 14.85 | 8.24 | 14 | 8.97 | 5.77 | 3.21 |
| Applied design | 28.25 | 24.75 | 3.50 | 3 | 2 | 26.60 | 23.30 | 3.30 | 13 | 10.35 | 9.06 | 1.28 |
| Sewing processes | 13.50 | 12.40 | 1.10 | 5 | 4 | 12.70 | 11.70 | 1.04 | 2 | 4.95 | 4.55 | .40 |
| Garment construction | 41.50 | 34.34 | 7.16 | 12 | 4 | 39.10 | 32.35 | 6.75 | 14 | 15.20 | 12.58 | 2.62 |
| Care of clothing | 9.75 | 9.75 | | 1 | 1 | 9.19 | 9.19 | | | 3.57 | 3.57 | |
| Millinery | 19.25 | 15.75 | 3.50 | 10 | 4 | 18.15 | 14.83 | 3.30 | 16 | 7.05 | 5.77 | 1.28 |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | 15.25 | 8.00 | 7.25 | 4 | 1 | 14.37 | 7.54 | 6.83 | 12 | 5.59 | 2.93 | 2.66 |
| Text. fibers | 65.75 | 45.25 | 20.50 | 5 | 2 | 61.85 | 42.60 | 19.30 | 37 | 24.10 | 16.60 | 7.50 |
| Fabrics and their uses | 41.75 | 40.00 | 1.75 | 3 | 2 | 39.35 | 37.66 | 1.65 | 5 | 15.30 | 14.67 | .64 |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 98.50 | | | | | 92.70 | | | | | | |
| Blank Bibliography Index | 8.50 | | | | | 8.10 | | | | | | |
| TOTALS | 380.00 | 218.74 | 54.26 | 115 | | 358.02 | 206.12 | 51.12 | 115 | 100.03 | 80.17 | 19.86 |

Table 58. Distribution of Subject Matter Content of Baldt, Clothing for Women, 1916.

| TOPICS | On basis 468 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|-----|------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 11.75 | 10.75 | 1.00 | 1 | 1 | 15.71 | 14.37 | 1.34 | 1 | 2.75 | 2.52 | .23 |
| Patterns, drafting and draping | 86.50 | 50.10 | 36.40 | 9 | 1 | 115.70 | 66.90 | 48.70 | 57 | 20.25 | 11.73 | 8.52 |
| | | | | 13 | 1.25 | | | | | | | |
| | | | | 33 | 2 | | | | | | | |
| | | | | 2 | 4 | | | | | | | |
| Applied design | 28.75 | 15.49 | 13.26 | 10 | 1. | 38.40 | 20.70 | 17.70 | 18 | 6.72 | 3.63 | 3.10 |
| | | | | 2 | 1.25 | | | | | | | |
| | | | | 2 | 3 | | | | | | | |
| | | | | 4 | 4 | | | | | | | |
| Sewing processes | 102.25 | 70.66 | 31.59 | 6 | 1 | 136.70 | 94.50 | 42.20 | 119 | 23.96 | 16.55 | 7.40 |
| | | | | 2 | 1.25 | | | | | | | |
| | | | | 5 | 1.5 | | | | | | | |
| | | | | 50 | 2 | | | | | | | |
| | | | | 26 | 3 | | | | | | | |
| | | | | 18 | 4 | | | | | | | |
| | | | | 11 | 6 | | | | | | | |
| Garment construction | 132.50 | 101.65 | 30.85 | 14 | 1 | 177.00 | 135.80 | 41.25 | 52 | 31.00 | 23.80 | 7.22 |
| | | | | 2 | 1.25 | | | | | | | |
| | | | | 24 | 2 | | | | | | | |
| | | | | 3 | 3 | | | | | | | |
| | | | | 9 | 4 | | | | | | | |
| Care of clothing | | | | | | | | | | | | |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | 9.00 | 5.17 | 3.83 | 3 | 1 | 12.05 | 6.90 | 5.12 | 5 | 2.11 | 1.21 | .90 |
| | | | | 1 | 2 | | | | | | | |
| | | | | 1 | 3 | | | | | | | |
| Text. fibers | 5.50 | 4.00 | 1.50 | 4 | 6 | 7.35 | 5.35 | 2.00 | 4 | 1.29 | .94 | .35 |
| Fabrics and their uses | 33.50 | 24.50 | 9.00 | 9 | 1 | 44.75 | 32.70 | 12.05 | 9 | 7.84 | 5.73 | 2.11 |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | | | | | | 13.37 | | | | | | |
| Blank | 10.00 | | | | | 5.35 | 5.35 | | | .94 | .94 | |
| Bibliography | 4.00 | 4.00 | | | | 17.71 | 17.71 | | | 3.10 | 3.10 | |
| Index | 13.25 | 13.25 | | | | | | | | | | |
| TOTALS | 437.00 | 299.57 | 127.43 | 265 | | 584.09 | 400.28 | 170.36 | 265 | 99.96 | 70.15 | 29.83 |

Table 59. Distribution of Subject Matter Content of Burton, School Sewing, 1916.

| TOPICS | On basis 480 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|---|-----------------------------|----------------|---------------|-----------------------|------------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 12.20 | 10.29 | 1.91 | 1 5 1 | 2 4 6 | 16.75 | 14.12 | 2.62 | 7 | 3.74 | 3.15 | .58 |
| Patterns, drafting and draping | 17.25 | 15.42 | 1.83 | 1 6 | 3 4 | 23.65 | 21.19 | 2.51 | 7 | 5.29 | 4.73 | .56 |
| Applied design | .65 | .65 | | | | .89 | .89 | | | .19 | .19 | |
| Sewing processes | 39.65 | 27.90 | 11.75 | 3 8 1 | 2 3 4 | 54.45 | 38.30 | 16.15 | 56 | 12.15 | 8.55 | 3.60 |
| Garment construction | 203.55 | 164.55 | 39.00 | 4 4 1 4 8 | 6 1 2 4 | 279.50 | 226.00 | 53.50 | 105 | 62.30 | 50.40 | 11.95 |
| Care of clothing | 19.40 | 16.74 | 2.66 | 5 6 1 2 9 | 4 2 3 6 | 26.62 | 22.95 | 3.65 | 12 | 5.94 | 5.13 | .82 |
| Millinery Knitting and crocheting | 9.70 | 6.70 | 3.00 | 3 6 | 2 4 | 13.31 | 9.20 | 4.12 | 9 | 2.97 | 2.06 | .92 |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | .80 | .80 | | | | 1.10 | 1.10 | | | .25 | .25 | |
| Text. fibers | 4.75 | 4.75 | | | | 6.52 | 6.52 | | | 1.46 | 1.46 | |
| Fabrics and their uses | 12.25 | 12.25 | | | | 16.80 | 16.80 | | | 3.75 | 3.75 | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 23.70 | | | | | 32.55 | | | | | | |
| Blank | 38.00 | | | | | 52.20 | | | | | | |
| Bibliography | 5.35 | 5.35 | | | | 7.45 | 7.45 | | | 1.64 | 1.64 | |
| Index | .75 | .75 | | | | 1.03 | 1.03 | | | .23 | .23 | |
| TOTALS | 388.00 | 266.15 | 60.15 | 196 | | 532.82 | 365.55 | 82.55 | 196 | 99.91 | 81.54 | 18.43 |

Table 60. Distribution of Subject Matter Content of FLAGG, A Handbook of Elementary Sewing, 1916.

| TOPICS | On basis 261 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|--------------|-------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 4.25 | 4.25 | | | | 3.16 | 3.16 | | | 6.07 | 6.07 | |
| Patterns, drafting and draping | 6.25 | 5.25 | 1.00 | 2 | 2 | 4.66 | 3.91 | .75 | 2 | 8.93 | 7.50 | 1.43 |
| Applied design | | | | | | | | | | | | |
| Sewing processes | 14.50 | 12.17 | 2.33 | 3 1 2 | 2 3 4 | 10.80 | 9.06 | 1.73 | 6 | 20.70 | 17.40 | 3.33 |
| Garment construction | 38.25 | 31.42 | 6.83 | 6 4 10 | 2 3 4 | 28.50 | 23.40 | 5.09 | 20 | 54.70 | 44.90 | 9.77 |
| Care of clothing | 1.00 | .75 | .25 | 1 | 4 | .75 | .56 | .18 | 1 | 1.43 | 1.07 | .36 |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | | | | | | 2.79 | 2.79 | | | 5.36 | 5.36 | |
| Text. fibers | 3.75 | 3.75 | | | | 1.49 | 1.49 | | | 2.86 | 2.86 | |
| Fabrics and their uses | 2.00 | 2.00 | | | | | | | | | | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | .50 | | | | | .37 | | | | | | |
| Blank Bibliography Index | 5.50 | | | | | 4.10 | | | | | | |
| TOTALS | 76.00 | 59.59 | 10.41 | 29 | | 56.62 | 44.37 | 7.75 | 29 | 100.05 | 85.16 | 14.89 |

Table 61. Distribution of Subject Matter Content of Kinne and Cooley, Clothing and Health, 1916.

| TOPICS | On basis 290 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|-----|------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 7.00 | 6.25 | .75 | 1 | 2 | 5.80 | 5.17 | .62 | 2 | 2.46 | .21 | .21 |
| Patterns, drafting and draping | 5.75 | 5.25 | .50 | 1 | 4 | 4.76 | 4.35 | .41 | 2 | 2.02 | 1.84 | .17 |
| Applied design | 19.25 | 18.25 | 1.00 | 1 | 2 | 15.94 | 15.10 | .83 | 9 | 6.75 | 6.40 | .35 |
| Sewing processes | 33.75 | 23.42 | 10.33 | 8 | 4 | 27.98 | 19.40 | 8.55 | 30 | 11.83 | 8.22 | 3.63 |
| | | | | 7 | 2 | | | | | | | |
| | | | | 13 | 3 | | | | | | | |
| Garment construction | 54.50 | 47.25 | 7.25 | 10 | 4 | 45.20 | 39.15 | 6.00 | 23 | 19.13 | 16.59 | 2.55 |
| | | | | 1 | 1 | | | | | | | |
| | | | | 3 | 2 | | | | | | | |
| Care of clothing | 24.75 | 20.50 | 4.25 | 19 | 4 | 20.50 | 16.99 | 3.52 | 9 | 8.68 | 7.19 | 1.49 |
| | | | | 1 | 1 | | | | | | | |
| | | | | 5 | 2 | | | | | | | |
| | | | | 3 | 4 | | | | | | | |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | 15.50 | 9.50 | 6.00 | 1 | 1 | 12.83 | 7.87 | 4.97 | 14 | 5.44 | 3.34 | 2.11 |
| | | | | 7 | 2 | | | | | | | |
| | | | | 6 | 4 | | | | | | | |
| Text. fibers | 53.50 | 39.25 | 14.25 | 18 | 2 | 44.30 | 32.50 | 11.80 | 39 | 18.80 | 13.80 | 5.00 |
| | | | | 21 | 4 | | | | | | | |
| Fabrics and their uses | 63.75 | 58.42 | 5.33 | 2 | 1 | 52.80 | 48.45 | 4.42 | 15 | 22.40 | 20.50 | 1.87 |
| | | | | 1 | 3 | | | | | | | |
| | | | | 12 | 4 | | | | | | | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 11.50 | | | | | 9.52 | | | | | | |
| Blank | 5.25 | | | | | 4.35 | | | | | | |
| Bibliography | | | | | | | | | | | | |
| Index | 7.50 | 7.50 | | | | 6.21 | 6.21 | | | 2.63 | 2.63 | |
| TOTALS | 302.00 | 235.59 | 49.66 | 143 | | 250.19 | 195.19 | 41.12 | 143 | 100.14 | 80.72 | 18.38 |

Table 62 . Distribution of Subject Matter Content of Nystrom, Textiles, 1916.

| TOPICS | On basis 335 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|--------------|---------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | | | | | | | | | | | | |
| Patterns, drafting and draping | | | | | | | | | | | | |
| Applied design | | | | | | | | | | | | |
| Sewing processes | | | | | | | | | | | | |
| Garment construction | | | | | | | | | | | | |
| Care of clothing | 27.50 | 27.50 | | | | 26.30 | 26.30 | | | 8.17 | 8.17 | |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | 65.02 | 55.86 | 9.16 | 8 1 2 | 1 1.5 4 | 62.20 | 53.40 | 8.77 | 11 | 19.30 | 16.60 | 2.72 |
| Text. fibers | 210.45 | 199.95 | 10.50 | 2 15 5 | 1 2 5 | 201.20 | 191.20 | 10.05 | 22 | 62.60 | 59.45 | 3.12 |
| Fabrics and their uses | 33.50 | 32.50 | 1.00 | 2 | 2 | 32.10 | 31.10 | .96 | 2 | 9.95 | 9.65 | .30 |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | | | | | | | | | | | | |
| Blank | 14.53 | | | | | 13.90 | | | | | | |
| Bibliography | | | | | | | | | | | | |
| Index | | | | | | | | | | | | |
| TOTALS | 351.00 | 315.81 | 20.66 | 35 | | 335.70 | 302.00 | 19.78 | 35 | 100.02 | 93.87 | 6.14 |

Table 63. Distribution of Subject Matter Content of Coates, American Dressmaking Step by Step, 1917.

| TOPICS | On basis 440 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|--|-----------------------------|----------------|---------------|------------------------------------|--------------------------------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 24.00 | 17.42 | 6.58 | 3 3 15 | 2 3 4 | 30.20 | 21.90 | 8.27 | 23 | 9.63 | 6.99 | 2.64 |
| Patterns, drafting and draping | 37.25 | 24.55 | 12.70 | 2 7 2 26 4 1 15 | 2 2 3 4 6 8 12 | 46.80 | 30.85 | 15.96 | 55 | 14.95 | 9.85 | 5.10 |
| Applied design Sewing processes | 88.50 | 53.17 | 35.33 | 4 10 51 97 13 | 2 3 4 6 12 | 111.30 | 66.90 | 44.40 | 175 | 35.60 | 21.40 | 14.20 |
| Garment construction | 91.50 | 64.47 | 27.03 | 13 5 43 49 4 1 2 | 2 3 3 4 6 2 4 6 | 115.00 | 81.00 | 34.00 | 110 | 36.70 | 25.90 | 10.85 |
| Care of clothing | 4.50 | 1.92 | 2.58 | 4 1 2 | 2 4 6 | 5.66 | 2.42 | 3.24 | 7 | 1.81 | .77 | 1.04 |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture Text. fibers Fabrics and their uses | | | | | | | | | | | | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material Blank | 4.75 | | | | | 5.97 | | | | | | |
| Bibliography Index | 3.50 | 3.50 | | | | 4.40 | 4.40 | | | 1.40 | 1.40 | |
| TOTALS | 254.00 | 165.03 | 84.22 | 370 | | 319.33 | 207.47 | 105.87 | 370 | 100.09 | 66.31 | 33.83 |

Table 64. Distribution of Subject Matter Content of Fales, Dressmaking, 1917.

| TOPICS | On basis 441 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|--------------|-------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 16.25 | 15.25 | 1.00 | 1 | 1 | 20.45 | 19.20 | 1.26 | 1 | 3.20 | 3.00 | .20 |
| Patterns, drafting and draping | 127.25 | 109.25 | 18.00 | 13 8 4 | 1 2 4 | 160.50 | 137.70 | 22.70 | 25 | 25.10 | 21.50 | 3.55 |
| Applied design | 58.50 | 44.50 | 14.00 | 1 52 | 1 4 | 73.70 | 56.10 | 17.65 | 53 | 11.50 | 8.76 | 2.76 |
| Sewing processes | 64.25 | 56.50 | 7.75 | 6 19 | 2 4 | 81.00 | 71.20 | 9.76 | 25 | 12.65 | 11.13 | 1.53 |
| Garment construction | 107.50 | 99.50 | 8.00 | 4 24 | 2 4 | 135.40 | 125.40 | 10.08 | 28 | 21.15 | 19.60 | 1.57 |
| Care of clothing Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | 51.75 | 49.00 | 2.75 | 3 5 | 2 4 | 65.20 | 61.75 | 3.46 | 8 | 10.20 | 9.65 | .54 |
| Text. fibers | 44.00 | 43.50 | .50 | 1 | 2 | 55.40 | 54.80 | .58 | 1 | 8.66 | 8.56 | .09 |
| Fabrics and their uses | 16.50 | 16.50 | | | | 20.80 | 20.80 | | | 3.25 | 3.25 | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | | | | | | 10.08 | | | | .44 | .44 | |
| Blank | 8.00 | | | | | 2.84 | 2.84 | | | | | |
| Bibliography | 2.25 | 2.25 | | | | 24.90 | 24.90 | | | 3.89 | 3.89 | |
| Index | 19.75 | 19.75 | | | | | | | | | | |
| TOTALS | 516.00 | 456.00 | 52.00 | 141 | | 650.27 | 574.69 | 65.49 | 141 | 100.04 | 89.78 | 10.24 |

Table 64. Distribution of Subject Matter Content of Fales, Dressmaking, 1917.

| TOPICS | On basis 441 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|--------------|-------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 16.25 | 15.25 | 1.00 | 1 | 1 | 20.45 | 19.20 | 1.26 | 1 | 3.20 | 3.00 | .20 |
| Patterns, drafting and draping | 127.25 | 109.25 | 18.00 | 13 8 4 | 1 2 4 | 160.50 | 137.70 | 22.70 | 25 | 25.10 | 21.50 | 3.55 |
| Applied design | 58.50 | 44.50 | 14.00 | 1 52 | 1 4 | 73.70 | 56.10 | 17.65 | 53 | 11.50 | 8.76 | 2.76 |
| Sewing processes | 64.25 | 56.50 | 7.75 | 6 19 | 2 4 | 81.00 | 71.20 | 9.76 | 25 | 12.65 | 11.13 | 1.53 |
| Garment construction | 107.50 | 99.50 | 8.00 | 4 24 | 2 4 | 135.40 | 125.40 | 10.08 | 28 | 21.15 | 19.60 | 1.57 |
| Care of clothing Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | 51.75 | 49.00 | 2.75 | 3 5 | 2 4 | 65.20 | 61.75 | 3.46 | 8 | 10.20 | 9.65 | .54 |
| Text. fibers | 44.00 | 43.50 | .50 | 1 | 2 | 55.40 | 54.80 | .58 | 1 | 8.66 | 8.56 | .09 |
| Fabrics and their uses | 16.50 | 16.50 | | | | 20.80 | 20.80 | | | 3.25 | 3.25 | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | | | | | | 10.08 | | | | | | |
| Blank | 8.00 | | | | | 2.84 | 2.84 | | | .44 | .44 | |
| Bibliography | 2.25 | 2.25 | | | | 24.90 | 24.90 | | | 3.89 | 3.89 | |
| Index | 19.75 | 19.75 | | | | | | | | | | |
| TOTALS | 516.00 | 456.00 | 52.00 | 141 | | 650.27 | 574.69 | 65.49 | 141 | 100.04 | 89.78 | 10.24 |

Table 65. (continued) Distribution of Subject Matter Content of Fuller, Constructive Sewing, 1917.

| TOPICS | On basis 504 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|----------------------------|-----------------------------|----------------|---------------|------------------------|-----------------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| Knitting and crocheting | 9.00 | 3.72 | 5.28 | 1 1 11 5 7 | 2 3 4 6 8 | 12.99 | 5.36 | 7.62 | 25 | 3.71 | 1.53 | 2.18 |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | .40 | .28 | .12 | 1 | 8 | .57 | .40 | .17 | 1 | .16 | .11 | .05 |
| Text. fibers | 15.45 | 7.70 | 7.75 | 11 6 6 | 2 4 8 | 22.25 | 11.11 | 11.18 | 23 | 6.36 | 3.17 | 3.19 |
| Fabrics and their uses | 9.60 | 9.35 | .25 | 2 | 8 | 13.85 | 13.50 | .36 | 2 | 3.95 | 3.85 | .10 |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 36.90 | | | | | 53.20 | | | | | | |
| Blank | 49.10 | | | | | 70.70 | | | | | | |
| Bibliography | .05 | .05 | | | | .07 | .07 | | | .02 | .02 | |
| Index | 8.75 | 8.75 | | | | 12.61 | 12.61 | | | 3.60 | 3.60 | |
| TOTALS | 329.00 | 153.33 | 90.57 | 348 | | 475.49 | 221.09 | 130.54 | 348 | 100.50 | 63.11 | 37.30 |

Table 66. Distribution of Subject Matter Content of McGlaulin, Sewing Handicraft for Girls, 1918.

| TOPICS | On basis 363 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|-------------|-------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | .50 | .50 | | | | .52 | .52 | | | 1.19 | 1.19 | |
| Patterns, drafting and draping | .25 | .25 | | | | .26 | .26 | | | .59 | .59 | |
| Applied design | 2.00 | 2.00 | | | | 2.08 | 2.08 | | | 4.76 | 4.76 | |
| Sewing processes | 28.75 | 25.00 | 3.75 | 2 3 1 | 1 2 4 | 29.81 | 25.92 | 3.89 | 6 | 68.40 | 59.50 | 8.92 |
| Garment construction | .75 | .75 | | | | .78 | .78 | | | 1.79 | 1.79 | |
| Care of clothing | 1.25 | 1.25 | | | | 1.30 | 1.30 | | | 2.98 | 2.98 | |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | | | | | | | | | | | | |
| Text. fibers | 7.75 | 7.75 | | | | 8.04 | 8.04 | | | 18.45 | 18.45 | |
| Fabrics and their uses | .75 | .75 | | | | .78 | .78 | | | 1.79 | 1.79 | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 66.50 | | | | | 69.00 | | | | | | |
| Blank | 1.50 | | | | | 1.56 | | | | | | |
| Bibliography | | | | | | | | | | | | |
| Index | | | | | | | | | | | | |
| TOTALS | 110.00 | 38.25 | 3.75 | 6 | | 114.13 | 39.68 | 3.89 | 6 | 99.95 | 91.05 | 8.92 |

Table 67. Distribution of Subject Matter Content of Rhoe, The Dress you Wear and How to Make It, 1918.

| TOPICS | On basis 161 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|---|---|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 21.00 | 20.75 | .25 | 1 | 4 | 9.65 | 9.55 | .11 | 1 | 15.15 | 14.96 | .18 |
| Patterns, drafting and draping | 16.50 | 9.00 | 7.50 | 3 6 | 1 1.3 | 7.60 | 4.14 | 3.45 | 9 | 11.90 | 6.50 | 5.41 |
| Applied design | 3.75 | 3.75 | | | | 1.73 | 1.73 | | | 2.70 | 2.70 | |
| Sewing processes | 53.50 | 40.17 | 13.33 | 2 2 1 12 3 9 1 5 1 1 | 1 1.25 1.3 2 3 4 1 2 3 5 | 24.60 | 18.45 | 6.13 | 29 | 38.55 | 28.95 | 9.60 |
| Garment construction | 30.75 | 26.72 | 4.03 | | | 14.15 | 12.29 | 1.85 | 8 | 22.15 | 19.25 | 2.91 |
| Care of clothing | 1.00 | 1.00 | | | | .46 | .46 | | | | | |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | | | | | | | | | | | | |
| Text. fibers | | | | | | | | | | | | |
| Fabrics and their uses | 3.00 | 3.00 | | | | 1.38 | 1.38 | | | 2.16 | 2.16 | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 20.00 | | | | | 9.20 | | | | | | |
| Blank | 14.25 | | | | | 6.55 | | | | | | |
| Bibliography | | | | | | | | | | | | |
| Glossary | 9.25 | 9.25 | | | | 4.26 | 4.26 | | | 6.67 | 6.67 | |
| Index | | | | | | | | | | | | |
| TOTALS | 173.00 | 113.64 | 25.11 | 47 | | 79.58 | 52.26 | 11.54 | 47 | 100.00 | 81.91 | 18.10 |

Table 68. Distribution of Subject Matter Content of Turner, Sewing and Textiles, 1918.

| TOPICS | On basis 240 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|-----|------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 10.80 | 10.80 | | | | 7.39 | 7.39 | | | 4.88 | 4.88 | |
| Patterns, drafting and draping | .50 | .50 | | | | .34 | .34 | | | .22 | .22 | |
| Applied design | 1.75 | 1.75 | | | | 1.20 | 1.20 | | | .83 | .83 | |
| Sewing processes | 34.45 | 27.37 | 7.08 | 9 | 2 | 23.60 | 18.73 | 4.85 | 17 | 15.55 | 12.35 | 3.20 |
| Garment construction | 42.05 | 39.72 | 2.33 | 7 | 3 | 28.80 | 27.20 | 1.59 | 4 | 19.00 | 17.95 | 1.05 |
| | | | | 1 | 4 | | | | | | | |
| | | | | 2 | 2 | | | | | | | |
| Care of clothing Millinery | 25.70 | 24.70 | 1.00 | 1 | 3 | 17.60 | 16.90 | .68 | 3 | 11.60 | 11.15 | .45 |
| | | | | 3 | 3 | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | 6.00 | 4.50 | 1.50 | 1 | 1 | 4.11 | 3.08 | 1.03 | 2 | 2.71 | 2.03 | .67 |
| Text. fibers | 50.50 | 40.00 | 10.50 | 6 | 1 | 34.60 | 27.40 | 7.19 | 15 | 22.80 | 18.05 | 4.74 |
| Fabrics and their uses | 39.75 | 31.92 | 7.83 | 9 | 2 | 27.20 | 21.85 | 5.37 | 18 | 17.95 | 14.40 | 3.54 |
| | | | | 11 | 3 | | | | | | | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 16.25 | | | | | 11.13 | | | | | | |
| Blank | 8.25 | | | | | 5.65 | | | | | | |
| Bibliography | .25 | .25 | | | | .17 | .17 | | | .11 | .11 | |
| Index | 9.75 | 9.75 | | | | 6.67 | 6.67 | | | 4.40 | 4.40 | |
| TOTALS | 246.00 | 191.26 | 30.24 | 59 | | 168.46 | 130.93 | 20.71 | 59 | 100.05 | 86.37 | 13.65 |

Table 69. Distribution of Subject Matter Content of McGowan and Waite, Textiles and Clothing, 1919.

| TOPICS | On basis 340 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|-------------------------|-------------------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | | | | | | | | | | | | |
| Patterns, drafting and draping | | | | | | 4.62 | 4.62 | | | 1.87 | 1.87 | |
| Applied design | 4.75 | 4.75 | | | | | | | | 1.38 | 1.38 | |
| Sewing processes | 3.50 | 3.50 | | | | 3.40 | 3.40 | | | 5.12 | 5.12 | |
| Garment construction | | | | | | 12.63 | 12.63 | | | | | |
| Care of clothing | 13.00 | 13.00 | | | | | | | | | | |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | 47.50 | 33.59 | 13.91 | 3 12 11 1 | 1 1.5 4 6 | 46.10 | 32.60 | 13.50 | 27 | 18.70 | 13.21 | 5.48 |
| Text. fibers | 90.65 | 68.07 | 22.58 | 13 2 14 1 6 | 1 1.5 2 4 6 | 87.90 | 66.00 | 21.90 | 36 | 35.70 | 26.81 | 8.88 |
| Fabrics and their uses | 81.35 | 78.10 | 3.25 | 3 1 | 1 4 | 79.00 | 75.80 | 3.16 | 4 | 32.05 | 30.79 | 1.28 |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 7.75 | | | | | 7.53 | | | | | | |
| Blank | 6.25 | | | | | 6.07 | | | | | | |
| Bibliography | 2.50 | 2.50 | | | | 2.42 | 2.42 | | | .98 | .98 | |
| Glossary | 3.00 | 3.00 | | | | 2.92 | 2.92 | | | 1.28 | 1.28 | |
| Index | 7.75 | 7.75 | | | | 7.53 | 7.53 | | | 3.05 | 3.05 | |
| TOTALS | 268.00 | 214.26 | 39.74 | 67 | | 260.12 | 207.92 | 38.56 | 67 | 100.13 | 84.49 | 15.64 |

Table 70. Distribution of Subject Matter Content of Schmit, Garments for Girls, 1919.

| TOPICS | On basis 203 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|-------------------------------|--------------------------------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 13.75 | 12.25 | 1.50 | 1 1 | 1 2 | 7.97 | 7.10 | .87 | 2 | 6.30 | 5.61 | .68 |
| Patterns, drafting and draping | 50.50 | 34.50 | 16.00 | 11 1 8 1 | 1 1.3 2 4 | 29.30 | 20.00 | 9.27 | 21 | 23.15 | 15.80 | 7.32 |
| Applied design | | | | | | | | | | | | |
| Sewing processes | | | | | | | | | | | | |
| Garment construction | 154.25 | 121.43 | 32.82 | 11 1 1 32 2 15 | 1 1.3 1.5 2 3 4 | 89.45 | 70.45 | 19.02 | 62 | 70.60 | 55.60 | 15.05 |
| Care of clothing | | | | | | | | | | | | |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | | | | | | | | | | | | |
| Text. fibers | | | | | | | | | | | | |
| Fabrics and their uses | | | | | | | | | | | | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 17.00 | | | | | 9.85 | | | | | | |
| Blank | 11.50 | | | | | 6.67 | | | | | | |
| Bibliography | | | | | | | | | | | | |
| Index | | | | | | | | | | | | |
| TOTALS | 247.00 | 168.18 | 50.32 | 85 | | 143.24 | 97.55 | 29.16 | 85 | 100.05 | 77.01 | 23.05 |

Table 71. Distribution of Subject Matter Content of Cooley and Spohr, Household Arts for Home and School, 1920.

| TOPICS | On basis 261 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|-------------------------------------|-----------------------------|----------------|---------------|-----|------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 9.08 | 7.67 | 1.41 | 1 | 3 | 6.77 | 5.72 | 1.05 | 6 | 3.83 | 3.23 | .59 |
| Patterns, drafting and draping | 6.75 | 5.59 | 1.16 | 3 | 6 | 5.03 | 4.17 | .86 | 5 | 2.84 | 2.35 | .49 |
| Applied design | 4.50 | 4.00 | .50 | 2 | 4 | 3.35 | 2.98 | .37 | 2 | 1.89 | 1.68 | .21 |
| Sewing processes | 32.50 | 23.80 | 8.70 | 1 | 2 | 24.20 | 17.73 | 6.49 | 29 | 13.69 | 10.01 | 3.66 |
| | | | | 19 | 3 | | | | | | | |
| | | | | 5 | 4 | | | | | | | |
| | | | | 3 | 6 | | | | | | | |
| Garment construction | 40.50 | 35.26 | 5.24 | 1 | 8 | 30.20 | 26.30 | 3.90 | 20 | 17.05 | 14.85 | 2.21 |
| | | | | 1 | 2 | | | | | | | |
| | | | | 5 | 3 | | | | | | | |
| | | | | 9 | 4 | | | | | | | |
| Care of Clothing | 28.75 | 24.25 | 4.50 | 5 | 6 | 21.41 | 18.07 | 3.35 | 17 | 12.10 | 10.22 | 1.89 |
| | | | | 3 | 2 | | | | | | | |
| | | | | 4 | 3 | | | | | | | |
| | | | | 10 | 6 | | | | | | | |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | 12.25 | 8.22 | 4.03 | 3 | 2 | 9.12 | 6.12 | 3.05 | 14 | 5.16 | 3.46 | 1.69 |
| | | | | 3 | 3 | | | | | | | |
| | | | | 3 | 4 | | | | | | | |
| | | | | 4 | 6 | | | | | | | |
| Text. fibers | 51.50 | 38.34 | 13.16 | 1 | 8 | 38.39 | 28.55 | 9.80 | 37 | 21.70 | 16.15 | 5.54 |
| | | | | 1 | 1.5 | | | | | | | |
| | | | | 13 | 2 | | | | | | | |
| | | | | 10 | 3 | | | | | | | |
| | | | | 6 | 4 | | | | | | | |
| Fabrics and their uses | 45.59 | 42.09 | 3.50 | 7 | 6 | 33.97 | 31.36 | 2.61 | 13 | 19.20 | 17.75 | 1.47 |
| | | | | 1 | 2 | | | | | | | |
| | | | | 4 | 3 | | | | | | | |
| | | | | 4 | 4 | | | | | | | |
| | | | | 4 | 6 | | | | | | | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 193.08 | | | | | 144.30 | | | | | | |
| Blank | 2.50 | | | | | 1.86 | | | | | | |
| Bibliography | | | | | | 4.47 | 4.47 | | | 2.53 | 2.53 | |
| Index | 6.00 | 6.00 | | | | | | | | | | |
| TOTALS | 433.00 | 195.22 | 42.20 | 143 | | 323.07 | 145.47 | 31.48 | 143 | 99.99 | 82.23 | 17.75 |

Table 72. Distribution of Subject Matter Content of Matthews, Elementary Home Economics, 1921.

| TOPICS | On basis 272 words per page | | | | | On basis 350 words per page | | | | On a percentage basis | | |
|----------------------------------|-----------------------------|----------------|---------------|-----|------|-----------------------------|----------------|---------------|-----|-----------------------|-------|---------|
| | Total no.pp. | No.pp. text | Illustrations | | | Total no.pp. | No.pp. text | Illustrations | | Total% | %Text | %Illus. |
| | | | No.pp. | No. | Size | | | No.pp. | No. | | | |
| CLOTHING | | | | | | | | | | | | |
| General instruction and supplies | 8.75 | 8.00 | .75 | 1 | 2 | 6.80 | 6.22 | .58 | 2 | 6.61 | 6.03 | .57 |
| Patterns, drafting and draping | .75 | .75 | | 1 | 4 | .58 | .58 | | | .57 | .57 | |
| Applied design | 5.10 | 5.10 | | | | 3.96 | 3.96 | | | 3.85 | 3.85 | |
| Sewing processes | 19.95 | 11.38 | 8.57 | 1 | 1.3 | 15.50 | 8.84 | 6.66 | 26 | 15.05 | 8.58 | 6.47 |
| | | | | 6 | 2 | | | | | | | |
| | | | | 2 | 3 | | | | | | | |
| | | | | 16 | 4 | | | | | | | |
| Garment construction | 21.65 | 18.32 | 3.33 | 1 | 6 | 16.83 | 14.25 | 2.59 | 8 | 16.35 | 13.81 | 2.52 |
| | | | | 2 | 1.3 | | | | | | | |
| | | | | 1 | 2 | | | | | | | |
| | | | | 1 | 3 | | | | | | | |
| Care of Clothing | 10.00 | 8.92 | 1.08 | 4 | 4 | 7.77 | 6.93 | .84 | 3 | 7.55 | 6.73 | .82 |
| | | | | 1 | 2 | | | | | | | |
| | | | | 1 | 3 | | | | | | | |
| | | | | 1 | 4 | | | | | | | |
| Millinery | | | | | | | | | | | | |
| TEXTILES | | | | | | | | | | | | |
| Text. manufacture | 6.25 | 6.00 | .25 | 1 | 4 | 4.86 | 4.62 | .19 | 1 | 4.72 | 4.53 | .19 |
| Text. fibers | 22.85 | 18.36 | 4.49 | 4 | 2 | 17.75 | 14.27 | 3.49 | 14 | 17.25 | 13.85 | 3.39 |
| | | | | 2 | 3 | | | | | | | |
| | | | | 6 | 4 | | | | | | | |
| | | | | 2 | 6 | | | | | | | |
| Fabrics and their uses | 31.35 | 28.60 | 2.75 | 1 | 1.3 | 24.39 | 22.25 | 2.14 | 6 | 23.67 | 21.60 | 2.07 |
| | | | | 3 | 2 | | | | | | | |
| | | | | 2 | 4 | | | | | | | |
| MISCELLANEOUS | | | | | | | | | | | | |
| Foreign material | 17.60 | | | | | 13.69 | | | | | | |
| Blank | 2.75 | | | | | 2.14 | | | | | | |
| Bibliography | | | | | | | | | | | | |
| Index | 6.00 | 6.00 | | | | 4.62 | 4.62 | | | 4.53 | 4.53 | |
| TOTALS | 153.00 | 111.43 | 21.22 | 60 | | 118.89 | 86.54 | 16.47 | 60 | 100.15 | 84.08 | 16.03 |