

UNIVERSITY OF WISCONSIN
MADISON 37 Y 370 74

DEPARTMENT OF THE INTERIOR
BUREAU OF EDUCATION

BULLETIN, 1920, No. 38

MONTHLY RECORD
OF CURRENT EDUCATIONAL
PUBLICATIONS

NOVEMBER, 1920



WASHINGTON
GOVERNMENT PRINTING OFFICE
1920

301376

MAR -5 1926

~~3883~~~~UNJ~~~~B~~

1920

38-48

III

AG

1920

38-40

MONTHLY RECORD OF CURRENT EDUCATIONAL PUBLICATIONS.

Compiled by the Library Division, Bureau of Education.

CONTENTS.—Proceedings of associations—Educational history and biography—Current educational conditions—Educational theory and practice—Educational psychology; Child study—Educational tests and measurements—Special methods of instruction—Special subjects of curriculum—Kindergarten and primary school—Rural education—Secondary education—Normal training—Teachers' salaries and professional status—Higher education—Research—School administration—School management—Schoolhouses and grounds—School hygiene and sanitation—Physical training—Play and recreation—Social aspects of education—Child welfare—Moral and religious education—Manual and vocational training—Vocational guidance—Agriculture—Home economics—Commercial education—Engineering education—Civic education—Americanization—Education of soldiers—Education of women—Negro education—Education of deaf—Exceptional children—Education extension—Libraries and reading—Bureau of Education: Recent publications.

NOTE.

The record comprises a general survey in bibliographic form of current educational literature, domestic and foreign, received during the monthly period preceding the date of publication of each issue.

This office can not supply the publications listed in this bulletin, other than those expressly designated as publications of the Bureau of Education. Books, pamphlets, and periodicals here mentioned may ordinarily be obtained from their respective publishers, either directly or through a dealer, or, in the case of an association publication, from the secretary of the issuing organization. Many of them are available for consultation in various public and institutional libraries.

Publications intended for inclusion in this record should be sent to the library of the Bureau of Education, Washington, D. C.

PROCEEDINGS OF ASSOCIATIONS.

1724. New York (State) University. Educational congress, Albany, N. Y., May 19-28, 1919. [Proceedings] Albany, University of the state of New York, 1920. 90 p. 82. (University of the state of New York bulletin, no. 702, January 15, 1920)

Contains reports and recommendations of committees on the following subjects: Agricultural education, All-year school, Americanization, Art, Civics, Clearing house, Economics, English, Foreign languages, General science, Geography, Health education, Higher education, History, Home economics, Industrial education, Libraries, Mathematics, Mental diagnosis, Moral instruction, Music, Rural education, and Training of teachers.

1725. **North central association of colleges and secondary schools.** Proceedings of the twenty-fifth annual meeting . . . March 18-20, 1920, Chicago, Ill. Pub. by the Association, 1920. 160, 64A p. 8°. (Harry M. Gage, secretary, Huron College, Huron, S. Dak.)

Contains: 1. F. G. Pickell: Report of the Commission on unit courses and curricula, p. 17-24. 2. P. W. L. Cox: What is scientific management? p. 27-36. 3. K. C. Babcock: Report of the Commission on institutions of higher education, p. 48-58. 4. J. L. McCaughy: The recruiting of teachers for higher institutions, p. 58-65. 5. G. F. Kay: The recruiting of teachers for higher education, p. 65-68. 6. M. A. Brannon: Adequate financing of teaching in higher institutions, p. 69-78. 7. R. M. Hughes: The adequate support of higher education from the standpoint of the state, p. 78-89. 8. Captain Potter: Scholarships for children of officers and enlisted men, p. 93-95. 9. H. C. Morrison: Public school finances, p. 96-103. 10. G. L. Mackintosh: The annual address of the president, p. 103-108. 11. Directory, standards, statistical analysis and list of accredited secondary schools . . . also the special studies: Tentative standards for junior high schools, Effect of size of classes on quality of work, Teaching citizenship in high schools, p. 1A-64A.

1726. **Texas state teachers' association.** Proceedings of the forty-first annual meeting . . . Houston, Texas, November 27-29, 1919. Fort Worth, Texas, 1920. 96 p. 8°. (Texas outlook, vol. 4, no. 7, July-August 1920) (R. T. Ellis, secretary, Fort Worth, Texas)

Contains: 1. David Suedden: The professional improvement of teachers and teaching through organization, p. 10-15. 2. Anne W. Blanton: Co-operation in improving and extending education in the public schools, p. 15-18. 3. Frederick Eby: Report of the committee on educational progress within the state, p. 24-26. 4. Edwin Mims: The new challenge to teachers of America, p. 40-44. 5. W. B. Bizzell: Place of industrial education as training for citizenship, p. 45-48. 6. R. E. Vinson: Educational solidarity, p. 48-51. 7. E. O. Lovett: The place of the privately endowed institution, p. 51-53. 8. D. W. Hume: The thrift campaign in the schools as a training for national emergencies, p. 53-55. 9. F. M. Bralley: Better financial support for our schools, and how to get it, p. 55-58. 10. C. S. Meek: Democracy in supervision, p. 58-61. 11. Lorraine E. Wooster: Present day educational needs, p. 62-68. 12. H. F. Estlin: Training teachers for leadership in the new age, p. 76-79. 13. W. S. Swail: Physical education through the public schools, p. 79-81. 14. A. T. Bostwick: School libraries and mental training, p. 82-86.

EDUCATIONAL HISTORY AND BIOGRAPHY.

1727. **Lesh, William S.** The proposals relating to the education of youth in Pennsylvania as reflected in Franklin's early life. Home and school guest, 11: 16-21, 23, 25, April 1920.

1728. **McClusky, Frederick D.** Introduction of grading into the public schools of New England. Elementary school journal, 21: 34-46, 132-45, September, October, 1920.

An historical inquiry based on documents contemporary with the establishment of the graded system.

1729. **Palmer, George Herbert.** William James: Harvard graduates' magazine, 20: 29-34, September 1920.

Tells how William James appeared to his colleagues in the daily course of his work as a Harvard professor.

1730. **Watson, Foster.** Was Shakespeare ever a schoolmaster? Nineteenth century, 88: 643-54, October 1920.

A study based on John Aubrey's statement that Shakespeare, in his younger years, was a schoolmaster in the country. Aubrey was born in 1626, ten years after the great dramatist's death, and died in 1697. He made the reference to Shakespeare in his "Briefe lives."

CURRENT EDUCATIONAL CONDITIONS.

UNITED STATES.

1731. **Erskine, John.** Democracy and Ideals, a definition. New York, G. H. Doran company [1920] 152 p. 12°
 CONTENTS.—I. Democracy and Ideals.—II. American character.—III. French Ideals and American.—IV. Society as a university.—V. Universal training for national service.—VI. University leadership.
1732. **Hevia, Aurelio.** General Leonard Wood and public instruction in Cuba. Inter-America, 4: 3-16, October 1920.
 Describes the constructive work in education accomplished during General Wood's administration of Cuba, 1899-1902. Work of Dr. E. J. Varona.
1733. **Luckey, G. W. A.** Education, democracy and the league of nations. Boston, Richard G. Badger, The Gorman press [1920] 347 p. 12°.
1734. **Miles, H. E.** Education—minus business brains. National civic federation review, 5: 11, 23, September 23, 1920.
 One-half of American children leave schools with no civic and economic understanding. America twenty-four per cent illiterate.
 Speech delivered at the National citizens' conference on education, Washington, D. C., May 20, 1920.
1735. **New York (City) Board of education.** Report of the superintendent of schools on the budget estimate for 1921. New York city, Board of education, 1920. 114 p. tables, diagrs. 8°.
 A report submitted by the superintendent of schools, William L. Ettlinger, in support of the major items of the budget estimate for the year 1921.
1736. **Sears, J. B.** The Boise survey; a concrete study of the administration of a city school system. Yonkers-on-Hudson, N. Y., World book company, 1920. viii, 200 p. diagrs. 12°. (Educational survey series.)
 The complete report of the survey of the public school system of Boise, made in 1919 by a survey staff consisting of J. B. Sears, director, assisted by William M. Prector and J. Harold Williams.
1737. **Tennessee. State department of public instruction.** Better schools campaign. Bulletin on the educational situation in Tennessee. Nashville, Tenn., October, 1920. 12 p. 8°.
1738. **Whittier state school, Whittier, Cal. Research staff.** A survey of pupils in the schools of Bakersfield, California. Whittier, Whittier state school, 1920. 43 p. illus. 8°. (Publications of Whittier state school. Department of research bulletin no. 9, June, 1920.)
 Reported by J. Harold Williams.
1739. **Winship, A. E.** [Education] in Montana. Journal of education, 92: 344-46, October 14, 1920.
 Educational progress in Montana.

FOREIGN COUNTRIES.

1740. **Cooper, Charlotte L.** Elementary educational problems. Nineteenth century, 88: 720-34, October 1920.
 Conditions in England described. Emphasizes the necessity of religious and moral lessons.
1741. **Fischer, Frank.** The public schools in a national system of education. Journal of education and School world, 52: 665-67, October 1, 1920.
 Secondary schools in England and their relation to the national system of education.

1742. Meneclier, Jorge. Estudio sobre la población escolar de la república, 1914-1920. Buenos Aires, 1920. 122 p. diágrs. 8° (Consejo nacional de educación.)
1743. Phoutrides, Aristides E. Vernacular and revolution: how a return to the language of the people helped to recreate a great democracy. Survey, 45: 8-9, October 2, 1920.
Discusses the educational renaissance in modern Greece.
1744. Roux, Joseph. Un examen des recrues en 1920. Revue pédagogique, 77: 199-200, September 1920.
Tabulates and discusses the results of the examination in 1920 of 378 typical recruits for the French army.
1745. Strudwick, E. The relations of school to life. Journal of education and School world, 52: 656, 658, 660, October 1, 1920.
Conditions in England described.

EDUCATIONAL THEORY AND PRACTICE.

1746. Abb, Edmund. Erziehungskunde. Zweite aufage. Nürnberg, Verlag der Friedr. Kornschens buchhandlung [1920] 190 p. 8°.
1747. Blair, Sir Robert. The science of education. Journal of education and School world, 52: 653-54, 656, October 1, 1920.
Also in School and society, 12: 235-41, September 25, 1920.
Says that education as a science should do something more than mere applied psychology. "It must be built up not out of the speculations of theorists, but by direct, definite *ad hoc* inquiries concentrated upon the problems of the classroom by teachers themselves." Describes the work of child study in the past.
1748. Butler, Nicholas Murray. Six tests of an educated man. Columbia alumni news, 12: 28-29, October 8, 1920.
President Butler's address before the students of Columbia college, September 28, 1920. Dr. Butler's six tests of an educated man are (1) Correctness and precision in the use of the mother tongue, (2) Refined and gentle manners, (3) Sound standards of feeling and appreciation, (4) The power and the habit of reflection, (5) The power of growth, and (6) The power to do, efficiency.
1749. Colby, Elbridge. Teaching—in the army and out. School and society, 12: 334-37, October 16, 1920.
The effect of the war upon our teaching profession.
1750. Couinet, Roger. L'éducation utilitaire. Revue pédagogique, 77: 157-73, September 1920.
Considers the problem of useful, practical education, and in this connection quotes extensively from John Dewey's School and society.
1751. Horne, Herman Harrell. Jesus the master teacher. New York, Association press, 1920. 212 p. front., plates. 12°.
Bibliography: p. 211-212.
1752. McKeever, William A. How do your children work? Social progress, 4: 191-93, September 1920.
Says we must exalt common work and common industry to the position where it will become a beautiful discipline for the young. The writer wants suggestions from parents as to how they induce their children to work.

EDUCATIONAL PSYCHOLOGY; CHILD STUDY.

1753. Freeman, Frank N. Clinical study as a method in experimental education. Journal of applied psychology, 4: 126-41, June-September 1920.
The purpose of the study is to present some reflections upon "the relationship between group study and individual study as a method of educational investigation."

1754. **Ingalese, Richard.** The history and power of mind. New York, Dodd, Mead and company, 1920. 329 p. 12°.
1755. **Parker, Samuel C.** Problem-solving or practice in thinking. Elementary school journal, 21: 16-25, September 1920.
First of a series of articles on this topic. Divides discussion into four sections: (1) Problems of everyday life; (2) actual lessons illustrating problem-solving in school; (3) how skilled problem-solvers think; (4) rules for training pupils in effective problem-solving.
1756. **Patri, Angelo.** Fear—and the child. Red cross magazine, 16: 7-11, October 1920. illus.
Shows a number of ways in which parents instill fear into the hearts of children and the necessity for killing this fear. Says that fear is the most distressing burden that struggling humanity has to carry.

EDUCATIONAL TESTS AND MEASUREMENTS.

1757. **Beeson, Marvin F.** Educational tests and measurements. Greeley, Colo., State teachers college, 1920. 66 p. 8°. (Colorado state teachers college bulletin, ser. 20, no. 3, June 1920. Research bulletin no. 7)
A brief statement of the nature of the scales, tests and measurements now available for the elementary school subjects, with available references on each test and a general selected bibliography on the tests for each subject.
1758. **Blumenthal, Frances.** Statistical analysis of the results of a prognosis test given to students beginning French and Spanish. Bulletin of high points, 2: 22-26, September 1920.
1759. **Buckingham, B. R. and Monroe, Walter S.** A testing program for elementary schools. Journal of educational research, 2: 521-32, September 1920.
Discusses the different mental tests. Says that the use of intelligence tests without subject-matter tests is one-sided. "The real truth about a pupil or a class is made evident when to a knowledge of mentality is added a knowledge of achievement."
1760. **Clement, J. A.** Have mental tests passed beyond the popular-cartoon stage in colleges? School and home education, 40: 35-37, October 1920.
The progress in the psychological testing of college students.
1761. **Foster, Josephine C.** Significant responses in certain memory tests. Journal of applied psychology, 4: 142-54, June-September 1920.
Considers the different types of reactions found in the tests of memory. Gives data regarding diagnostic signs of insanity, etc.
1762. **Hudelson, Earl, Stetson, F. L., and Woodyard, Ella.** Sixteen spelling scales, standardized in sentences for secondary schools. Teachers college record, 21: 337-91, September 1920.
1763. **Johanson, Willis E.** The formulation of standards of educational achievement for a state. 1920. 77 p. 8°.
Bibliography: p. 66-77.
Submitted in partial fulfillment of the requirements for the degree of doctor of philosophy, University of Minnesota, June 1919.
1764. **Myers Garry C.** Economy in intelligence classification. Educational administration and supervision, 6: 300-12, September 1920.
The army plan of classification by intelligence applied to the public schools, and the savings by such a scheme.
1765. ———. Mental health of school children. Pittsburgh school bulletin, 14: 359-62, October 1920.
The group intelligence test as an aid in classifying the child on the basis of his native capacity.

1766. **Myers, Garry C.** A new democracy in education. *American schoolmaster*, 13: 254-58, September 1920.
An equal opportunity for all and the classification of children on the basis of intelligence.
1767. **Newark, N. J. Board of education. Committee on instruction and educational supplies.** Arithmetic survey in the public schools of Newark, N. J. Newark, N. J., Board of education, 1919. 30 p. tables (part. fold.), diagrs. (part. fold.) 8". (Newark, N. J. Board of education. Monograph no. 3)
1768. **Pintner, Rudolf and Fitzgerald, Florence.** An educational survey test. *Journal of educational psychology*, 11: 207-23, April 1920.
The exercises used in this survey were selected from the standard educational tests and measurements. The survey was made at the Ohio state university.
1769. **Platt, Frank J.** Measuring improvement in language essentials. *School review*, 28: 611-14, October 1920.
Discusses an experiment made by the English department of the Oak Park high school, Illinois, to determine what improvements could be made by its pupils with a list of 21 essentials in composition.
1770. **Pressey, Luella W.** Scale of attainment No. 1.—An examination of achievement in the second grade. *Journal of educational research*, 2: 572-81, September 1920.
The scale developed consists of four tests, designed to measure abilities in spelling, reading vocabulary, silent reading, and addition and subtraction.
1771. **Rogers, Agnes D.** Mental tests as a means of selecting and classifying college students. *Journal of educational psychology*, 11: 181-92, April 1920.
Study based on a series of mental tests applied to a group of 98 seniors and 182 freshmen at Goncher college.

SPECIAL METHODS OF INSTRUCTION.

PROJECT METHOD.

1772. **Alm, O. W.** The project method and educational practice. *Technic*, 3: 7-10, June 1920.
Speaks of the clash of the project method with the present educational practice.
1773. **Bigelow, Gertrude I.** Horace Mann studies in primary education. The course of study and the program in the project method. *Teachers college record*, 21: 327-36, September 1920.
1774. **Branon, Mendel E.** The problem method of teaching geography. *Journal of geography*, 19: 233-42, September 1920.
1775. **Hyde, Marletta.** Projects in literature. *English journal*, 9: 401-6, September 1920.
Discusses the project method in the study of literature. The books that the pupils read should be "short-cuts to an experience in worthy living."
1776. **Larkin, Mary J. M.** The project method tested. Kindergarten and first grade, 5: 271-73, September 1920.
Tells how the project method functioned in a school in Worcester, Mass.
1777. **Lull, H. G.** The project method of learning. [Emporia, Kans., State normal school, 1920] [12] p. 8".
1. The word project and its function.—2. Method of procedure, and the use of observation and score cards.

1778. **Stewart, Isabel M.** An experiment in the project method of teaching. *American journal of nursing*, 21: 30-37, October 1920.

A plea for the project method in training schools for nurses.

1779. **Stewart, Rolland M.** The project as a method of teaching. *School science and mathematics*, 20: 594-604, October 1920.

Says that the project method gives the pupil acquaintance with a new field of activity from which he may gain mental content for (1) general culture, (2) educational guidance, and (3) vocational guidance.

VISUAL INSTRUCTION.

1780. **Balcom, A. G.** What we are doing in the classroom with films now available. *Moving picture age*, 3: 17-18, October 1920.

Part of an address delivered before the annual convention of the National academy of visual instruction, Madison, Wis., July 1920. The first part of the address was in the September issue of this magazine, pages 14 and 17.

The plan of film service used in the schools of Newark, N. J.

1781. **Toothaker, Charles R.** How the museum can help the teacher in visual instruction. *Moving picture age*, 3: 13-14, 31, October 1920.

The opportunity of the museum to combine both specimens and pictures in teaching makes a greater impression upon the child than either alone.

Address before the National academy of visual instruction recently held at Madison, Wis.

SPECIAL SUBJECTS OF CURRICULUM.

READING.

1782. **Lyman, R. L.** The teaching of assimilative reading in the junior high school. *School review*, 28: 600-10, October 1920.

Gives silent-reading objectives for seventh grade.

1783. **Stone, C. E.** Some illustrative silent-reading lessons. *Elementary school journal*, 21: 26-33, September 1920.

1784. **Theisen, W. W.** Provisions for individual differences in the teaching of reading. *Journal of educational research*, 2: 560-71, September 1920.

1785. **Woolbert, Charles H.** Effects of various modes of public reading. *Journal of applied psychology*, 4: 162-85, June-September 1920.

An attempt to bring the problems of oral expression and public reading into the laboratory.

SPELLING.

1786. **Carback, Clarence H.** Can high school freshmen spell? *Current education*, 24: 559-64, September 1920.

This is the second of two articles dealing with the question of the efficiency of the course of study in spelling. The earlier article described a spelling experiment made with high school boys—this study treats of vocabulary and spelling from the point of view of the high school girl and the course of study—in both cases pupils who had just entered the freshman class.

1787. **Foote, John M.** Spelling. *Southern school work*, 8: 10-17, September 1920.

Principles and methods of teaching spelling.

LITERATURE.

1788. **Canby, Henry S.** What is "English"? *English journal*, 9: 367-73, September 1920.

Discusses the power of the "literary spirit" in the teacher.

1789. **Kingsley, Maud E.** Final examination for college preparatory course in history of English literature. *Education*, 41: 33-36, September 1920.

CURRENT EDUCATIONAL PUBLICATIONS.

1700. Reynolds, George F. Minimum essentials in literature. Illinois association of teachers of English bulletin, 12: 1-6, May 1, 1920.

Suggests as a core around which to plan more elaborate courses, the ability to read understandingly a considerable passage of ordinary prose and familiarity with certain literature embodying fundamental American ideas and ideals.

ENGLISH AND COMPOSITION.

1701. Bolenius, Emma M. The teaching of oral English. 3d ed. Philadelphia and London, J. B. Lippincott company [1920] 225 p. illus. 12°.
1702. Ewalt, Clara C. Getting out the high school paper. A Cleveland course in news-writing. Cleveland, Ohio, Board of education [1920] 14 p. illus. 12°.

ANCIENT CLASSICS.

1703. Deferrari, Roy J. The inductive and direct methods of teaching Latin. Catholic educational review, 12: 469-74, October 1920.

Discusses the nature and purpose of each method and the results of their application.

MATHEMATICS.

1704. Lindquist, Theodore. Application of business principles in junior high school mathematics. School and society, 12: 304-307, October 9, 1920.

SCIENCE.

1705. Arbuthnot, Ann Criswell. Elementary embryology for high school girls. Cleveland, Ohio, 1920. 12 p. 12°. (Cleveland, Ohio, Board of education. Bulletin no. 25).

Shows how, in Cleveland, sex is treated in connection with related subjects such as that of elementary science.

1706. MacArthur, C. G. The scientific teaching of science. Science, 52: 347-51, October 15, 1920.

Advocates group discussion, based on the problems that have arisen in the laboratory; lectures by visiting scientists on their specialties, etc.

1707. Mounce, George. Some tangible results from a course in general science. School science and mathematics, 20: 632-36, October 1920.

Describes the course in general science in the La Salle-Peru township high school, Illinois. Says that the students in general science rank best in physics and chemistry.

GEOGRAPHY.

1708. Cooper, Clyde E. Status of geography in the normal schools of the middle states. Journal of geography, 19: 211-22, September 1920.

Presents a chart showing what is being done in geography in the various institutions studied.

1709. Davis, William M. Geography at Cambridge university, England. Journal of geography, 19: 207-10, September 1920.

Gives the schedule of studies at Cambridge on which examinations in geography will be held.

SOCIAL SUBJECTS.

1800. Groves, Ernest B. A college program for rural sociology. American journal of sociology, 26: 187-94, September 1920.

Says that if the progress of rural social science is to prosper as it should, the college teacher constantly must send forward promising candidates for advanced study. Discusses the difficulties of teaching rural sociology.

1801. **Shideler, Ernest H.** A course in modern social problems for the high school. *School review*, 28: 615-26, October 1920.

Describes some of the reactions of high school pupils to an experimental course in modern social problems which was organized and taught in the University high school, University of Chicago.

1802. The summer school of community leadership. *American city*, 23: 397-400, October 1920.

Report of sixth annual session at Madison, Wis.

1803. **Webb, L. W.** Students' methods of studying a certain subject—psychology. *Journal of educational psychology*, 11: 193-206, April 1920.

Study based on data obtained during the academic year 1916-17 at Northwestern university. Good and bad methods of studying elementary psychology described.

MUSIC.

1804. **Birge, Edward B.** A plan for crediting outside study of music under private instruction. *School music*, 21: 14-17, September 1920.

Paper read at the High school section of the Music supervisors' national conference, May 1920.

1805. **Chamberlain, Mabel.** How to teach school music. *School music review* (London) 29: 69-72, October 1, 1920.

Continued from September number. Discusses musical ear-training; and affords an opportunity for gauging "the quality of the impressions made by the sounds heard subconsciously by the children."

1806. **Farnsworth, Charles H.** How to study music. Introduction by Prof. Frank M. McMurry. New York, The Macmillan company, 1920. xvii, 294 p. 12°.

1807. **Seashore, Carl E.** A survey of musical talent in the public schools, representing the examination of children of the fifth and eighth grades in the public schools of Des Moines Iowa, with the author's measures of musical talent. Iowa City, The University, 1920. 36 p. dimens. 8°. (University of Iowa studies, first series no. 37. November, 1920. Studies in child welfare, vol. I, no. 2)

1808. **Stock, George Chadwick.** The value of class-form vocal instruction—some phases of the work. *School music*, 21: 22-26, September 1920.

Read in Philadelphia, Pa., March 24, 1920, at the Music supervisors' national conference.

DRAWING.

1809. **Pilsworth, Edward S.** Technique of practical drawing; for teachers, students, and professional artists. New York, The Macmillan company, 1920. xiii, 150 p. 12°.

SAFETY.

1810. **Payne, E. George.** Experimental reconstruction of the elementary school curriculum in the Harris teachers college. *School and society*, 22: 272-76, October 2, 1920.

Teaching accident prevention by introducing it as a part of the instruction in arithmetic, civics, language, reading, etc.

1811. Safeguarding America against fire, vol. 3, nos. 8 and 9, August, September 1920. illus.

Protecting our school children. A special edition printed for the U. S. Department of the Interior, Bureau of education.

KINDERGARTEN AND PRIMARY SCHOOL.

1812. Bradford, Mary D. The contribution of the kindergarten to the elementary schools. Kindergarten and first grade, 5:312-15, October 1920.

Address given before the International kindergarten union, Topeka, Kans.

1813. Kelly, F. J. Problems in the growth of the kindergarten movement. Kindergarten and first grade, 5:309-11, October 1920.

Address, in somewhat abbreviated form, given before the International kindergarten union, Topeka, Kans.

Suggests that the growth of the kindergarten movement might be hastened by eliminating the present break at the age of six, by more scientific studies of the results of kindergarten training, by enlisting the support of non-teaching bodies, and by seeking statutes lowering the legal age for entering school.

1814. Watkins, Catharine B. The kindergarten as a profession. Kindergarten and first grade, 5:328-29, October 1920.

Address given before the International kindergarten union, Topeka, Kans.

RURAL EDUCATION.

1815. Acher, B. A. Educational salesmanship. Educational issues, 1:52-54, September 1920.

The writer says "The rural educational problem resolves itself mainly into the problem of persuading the people to invest more money in the educational enterprise. . . . When the schools and school people learn to make the kind of appeal to the public that holds its attention, appeals to its imagination, and arouses its sense of justice, they can have what they want."

1816. Clapp, Frank L., Noland, Alice G., and Wheatley, George. The public schools of Archuleta county, Colorado. A survey. Boulder, Colo., 1920. 21 p. 8°. (University of Colorado bulletin, vol. 20, no. 2, February 1920)

1817. Indiana. Department of public instruction. The school as the center of community life; the story of the work of the Summitville school, Summitville, Ind. Issued under the direction of L. N. Hines, state superintendent of public instruction, Indianapolis, Ind. [1920] 31 p. illus. 8°.

1818. Johnson, Mamie Thomson. Community ideals and the country life problem. National school digest, 40: 52-54, 115-16, 181, 105, 106, September, October, November 1920. illus.

Article I. The country life problem.—Article II. Cause of rural migration.

The purpose of this series of articles is "to give the rural teacher a vision of the possibilities in the line of community betterment and to enable her by means of specific suggestions and detailed lesson plans to conduct a course in community ideals in her school which will have for its purpose the realization of the highest possible plans of American rural citizenship in every rural community in the land."

1819. Making the rural school efficient. A statement of the problem and a solution, the county unit plan. California taxpayers' journal, 4:3-6, September 1920.

The district system of school administration in California, and the advantages of the unit system.

1820. Massachusetts. Department of education. Division of elementary and secondary education and normal schools. Consolidation of schools and transportation of pupils at public expense in Massachusetts. Boston, Mass., 1920. 27 p. 8°. (Massachusetts. Department of education. Bulletin, no. 6, whole no. 115, 1920)

1821. **Moffett, Mary Ledger.** A curriculum for the preparation of rural school supervisors. *Educational administration and supervision*, 6: 313-18, September 1920.
1822. **Tarbell, Ida M.** When Roosevelt was here. The story of his visit to the Berry schools and the speech he made there. *Red cross magazine*, 16: 15-20, October 1920. Illus.
Describes the schools of Rome, Georgia, and gives the speech that Roosevelt made on the occasion of his visit there.
1823. **Winship, A. E.** Educational aims of the third decade of the century. *Journal of education*, 92: 283-84, September 30, 1920.
The work of the country life directors in the rural and village schools of Cook county, Illinois.
1824. **Wood, Will C.** The crisis in country life. *Western journal of education*, 26: 1-2, September 1920.
Speaks of conditions of rural schools especially in California. Says that if California is to remain American we must maintain good schools in our rural districts. Calls education the life insurance of the nation.

SECONDARY EDUCATION.

1825. **National association of secondary school principals.** Third year-book. Pub. by the Association, 1920. 87 p. 8°. (H. V. Church, secretary, Cicero, Ill.)
Contains: 1. W. D. Lewis: Student participators in school organization and government as a training in democracy, p. 1-9. 2. C. D. Kingsley: Certain features in the report on cardinal principles of secondary education, p. 9-14. 3. J. N. Rule: The place of the modern secondary school in a democracy, p. 14-23. 4. H. B. Loomis: What democracy should demand of her high schools, p. 23-27. 5. Report of the committee on social science, p. 28-37. 6. W. A. Wetzel: The vocational try-out in the junior high school, p. 37-43. 7. T. J. McCormack: On the need of a general social science, p. 43-51. 8. T. H. Briggs: Provisions for abilities by means of homogeneous groupings, p. 53-62. 9. S. A. Leonard: The social recitation, p. 63-75. 10. M. R. McDaniel: School morale, p. 75-80.
1826. **Carmichael, H. P.** Varying practices in typical junior high schools. *Junior high clearing house*, 1: 6-16, June-September 1920.
1827. **An open letter to head masters.** (By a sub-master.) *Outlook*, 126: 327-28, October 20, 1920.
Emphasizes the unwise policy of selecting teachers without consulting the faculty of the school.
1828. **Stewart, Joseph S.** The public, private, and denominational secondary schools of Georgia. Pub. by the department of education. Atlanta, Ga., Byrd printing company, state printers, 1920. cover-title, 74 p. dings. 8°.
1829. **Thompson, Frank V.** What professional training a high school principal should have. *Teachers college record*, 21: 319-21, September 1920.
Address given before the secondary education section of the annual Alumni conferences, Teachers college, February 20, 1920.
1830. **Tillinghast, Charles C.** The high school principal. What I should like to have known before I became a high school principal. *Teachers college record*, 21: 307-18, September 1920.
Address given before the secondary education section of the annual Alumni conferences, Teachers college, February 20, 1920.

NORMAL TRAINING.

1831. Charters, W. W. The objectives of teacher-training. Educational administration and supervision, 6: 301-308, September 1920.
Abstract of an address delivered before the Ohio society of college teachers of education, Columbus, April 2, 1920.
1832. Irion, Theo. W. H. Legal aspects of state normal school administration. Educational administration and supervision, 6: 319-36, September 1920.
The nature of the laws governing state normal schools in the majority of the states of the Union and suggestions for an adequate law.
1833. ——— Standards for the professional preparation of teachers. American schoolmaster, 13: 258-62, September 1920.
1834. Judd, Charles H. The Carnegie survey of normal schools. Elementary school journal, 21: 47-51, September 1920.
A critical review of the Carnegie foundation report on the normal schools of Missouri.
1835. Mead, A. B. The ethics of student teaching. Educational administration and supervision, 6: 393-407, October 1920.
The ethical questions involved in the establishment and administration of student-teaching.
1836. Ronan, Bertha M. The organization of social life in a small normal school. Educational administration and supervision, 6: 408-16, October 1920.
1837. Snyder, R. H. The improvement of teachers in service. Idaho teacher, 2: 54-57, October 1920.
Devices of the superintendent in improving teachers in service.
1838. Stuart, Hugh. A practical course in teacher-training for a liberal arts college. Educational administration and supervision, 6: 367-80, October 1920.
The course consists of observation, partial participation and practice teaching, graded in complexity and extending over a period of thirty weeks.
1839. Winship, A. E. The educational crisis. Journal of education, 92: 311-12, October 7, 1920.
Criticism of the report made by the Carnegie foundation on the normal schools of Missouri.

TEACHERS' SALARIES AND PROFESSIONAL STATUS.

1840. Alexander, Carter and Theisen, W. W. Campaigns for teachers' salaries. Educational review, 60: 190-204, October 1920.
Says that publicity material for better salaries should not stress cost features until after a strong desire for better teaching has been aroused.
1841. Chamberlain, Arthur H. The next step in organization, with special reference to the organization of state teachers' associations. Sierra educational news, 16: 416-23, September 1920.
Presents the reasons for organization, what has been accomplished through organization, how teachers should organize, and why we need reorganization.
1842. ——— The salary situation with remedies. American school board journal, 61: 40-42, October 1920.
State aid, federal aid, publicity, value of teachers' organizations, etc., in the campaign for higher salaries.

1843. Creech, J. L. Why do men turn from teaching? Educational administration and supervision, 6: 388-92, October 1920.
A study based upon returns to a questionnaire sent to 100 prominent bankers, lawyers, doctors, and public officials in Kentucky.
1844. Evenden, E. S. Essential features of a state salary law. Educational review, 60: 205-15, October 1920.
Says that the framing of a salary law for a state should be done by the State department of education, which, with its coordinating view of the entire state, will see that every section and every interest is properly represented.
1845. Ferguson, James. The tenure of teachers, National council on education. Western journal of education, 26: 2-3, September 1920.
The situation in regard to tenure of teachers and suggestions for its improvement.
1846. Kent, Raymond A. How may teachers legitimately boost their wages. Technique, 3: 4-6, May 1920.
The writer says that the greatest tool for securing increased salaries and better preparation is the teachers' organization, but that teachers' organizations can not legitimately use the strike method.
1847. Landsittel, F. C. Removing the disparity of teachers' pay. Educational review, 60: 179-89, October 1920.
A review based on the N. E. A. bulletin on "Teachers' salaries and schedules," "Ohio school revenue inquiry," and other investigations. Discusses two important phases of the subject: (1) The measure of discrimination involved in the teachers' economic situation, and (2) the reasons, aside from the principle of fairness, for rectifying it.
1848. National committee for chamber of commerce cooperation with the public schools and the American city bureau. Know and help your schools. New York [etc.] American city bureau [1920] 66 p. 8".
An interpretative report of inquiry no. 1 relating to salaries, training, and experience of teachers in the national survey of urban public schools, analyzing the present school situation in order that plans for the future may be made.
1849. Smith, William. Advertising to recruit the teaching profession. School and society, 12: 245-48, September 25, 1920.
Address before the Conference on teacher shortage at Boston University school of education.
How advertising can be used to educate the entire people to a proper estimate of the value of education and the importance of the teaching profession.
1850. Wagner, Charles A. Teacher training thru service. American school board journal, 61: 26, 95, October 1920.

HIGHER EDUCATION.

1851. Brannon, Melvin A. Adequate financing of teaching in higher institutions. School and society, 12: 295-300, October 9, 1920.
The financial problems within the privately endowed colleges and universities.
1852. Clark, Harry. Why college students should be interested in courses in education. Journal of education, 92: 255-56, September 23, 1920.
Gives examples of the value of pedagogy to men and women in many professions and trades. Advocates some courses in education for every college student.
1853. Educational record, vol. 1, no. 4, October 1920.
Contains the Report of the annual meeting of the American council on education, the Annual report of the director, and an address by A. F. Woods on "Operation of the Smith-Lever act and its bearing on future educational legislation."

1854. **The Friend**. (Honolulu, Hawaii), vol. 80, no. 9, September 1920. (The University of Hawaii number)
 Contains: 1. A. L. Dean: The University of Hawaii, p. 233-34. 2. D. L. Crawford: The University and future citizens of Hawaii, p. 234-35. 3. C. H. Edmondson: Research at the University, p. 235-37. 4. Robert Spencer: Student activities and needs as seen by a member of the junior class, p. 237-39.
1855. **Gillies, Robert C.** A plea for intensive education at Princeton. Princeton alumni weekly, 21: 38-40, 60-61, October 13, 20, 1920.
1856. **Humphreys, J. A.** Requirements for the A. B. degree in representative American universities and colleges. School and society, 12: 318-24, October 9, 1920.
1857. **Lange, Alexis F.** The junior college. Sierra educational news, 16: 483-86, October 1920.
 Address given before the high school principals' convention, Asilomar, March 31, 1920.
 The junior college, particularly in California.
1858. **Mather, Frank J., jr.** Aims in college education. Unpartizan review, 14: 271-87, October-December 1920.
 Says that without being specifically vocational, the European collegiate education meets the needs of the vocation; while our system, in comparison, is "an anarchy."
1859. **Menge, Edward J.** Darwinism, militarism, socialism, and bolshevism in the universities. Education, 41: 73-85, October 1920.
 Says that each one of these "isms" is an application of a principle built upon a non-existent biological something, and which "actually denies itself in its own working out." University men are chiefly responsible for propagating them.
1860. **Ringwalt, Ralph Curtis.** College—twenty-five years after. Harvard graduates' magazine, 29: 42-48, September 1920.
 The effect of the small college and the large college on personality.
1861. **Stevens, Edwin B.** Cost accounting in universities. Educational review, 60: 226-43, October 1920.
 After a general review of the subject presents data from the Universities of Wisconsin and Washington regarding cost per student hour; and yearly cost per major student for each curriculum in 1918-19.
1862. **Thwing, Charles F.** Some notable college presidents. American review of reviews, 62: 400-11, October 1920.
 Sketches of Jacob Gould Schurman, Edgar F. Smith, G. Stanley Hall, and Charles W. Dabney. Illustrated.
1863. The yearbook of the universities of the Empire, 1918-1920. Ed. by W. H. Dawson and pub. for the Universities bureau of the British empire. London, G. Bell and sons, ltd., 1920. 503 p. 12°.

RESEARCH.

1864. **Burgess, George K.** Governmental research. Scientific monthly, 11: 341-52, October 1920.
 Given at Royal Canadian institute, April 24, 1920.

SCHOOL ADMINISTRATION.

1865. **Bolser, C. M.** Personal appeal in educational advertising. School and society, 12: 277-81, October 2, 1920.

1866. **Ettinger, William L.** Democratized school administration. *School and society*, 12: 265-72, October 2, 1920.
Address delivered by the Superintendent of schools of New York City at a conference of associate superintendents and district superintendents, directors, assistant directors and inspectors of special branches, September 17, 1920.
Also in *School*, 32: 55, September 23, 1920.
Speaks of greater latitude for the teacher in school administration, trade unionism in the schools, and the duties of school principals.
1867. **Gardner, Ethel M.** Teacher cooperation in administration. *American teacher*, 9: 127-28, September 1920.
Address delivered before the National education association at Salt Lake City, July 1920.
Teachers' councils.
1868. **Haig, Robert M.** Available sources of additional support for Pennsylvania schools. *Educational review*, 60: 216-25, October, 1920.
A brief review of the tax system of Pennsylvania. Contends that "the inadequate support for schools is not due to poverty."
1869. **Moehlman, Arthur B.** A standardized budget. *American school board journal*, 61: 33-35, 95, October 1920.
Gives a standardized form of budget adopted by the schools of Detroit, Michigan.
1870. **Peters, Charles C.** Improvement of facilities for professional training of superintendents. *Educational administration and supervision*, 6: 337-45, September 1920.
Suggests methods by which school superintendents might be stimulated to professional growth.
1871. Proper relations of helpfulness and cooperation among superintendents. *American school board journal*, 61: 43-44, October 1920.
Signed: Avis.
The discussion is from the viewpoint of a superintendent of town schools.
1872. **Staples, C. L.** A comprehensive plan for tabulating and interpreting educational statistics. *Education*, 41: 119-22, October 1920.

SCHOOL MANAGEMENT.

1873. **Bonner, H. B.** Persistence of attendance in city schools. *School life*, 5: 10-11, October 1, 1920.
Three-fourths of beginners now reach the eighth grade, three-fifths enter high school, and one-fifth reach the fourth high-school year.
1874. **Cummings, J. H.** Supervised study. *Idaho teacher*, 2: 57-60, October 1920.
1875. **Hughes, W. H.** Standardizing procedure in a combination system of supervised study, varying scope of work, and weighted credit. *Journal of educational research*, 2: 547-56, September 1920.
A presentation of methods employed in the Riverview union high school, Antioch, Calif., in administering a combination plan which takes into account "the variations of natural capacities and acquired interests, and at the same time accords credit toward graduation in proportion to individual achievement."
1876. **Rugg, L. S.** The duties of the principal of the elementary school. *Southern school work*, 9: 9-10, September 1920.
1877. **Salisbury, Ethel I.** The construction of a course of study. *Educational administration and supervision*, 6: 381-87, October 1920.

1878. Washburne, Carleton W. The individual system in Winnetka. Elementary school journal, 21: 52-68, September 1920.
Conditions in Winnetka, Ill., described. The system permits the promotion of each individual pupil in each subject whenever he completes the work of his grade in that subject.
1879. Whitney, Frederick L. Individual differences for class room teachers. National school digest, 49: 17-20, September 1920.
To be concluded.
Some illustrations of grade and system groups, and of specific abilities of school children.
1880. Willett, G. W. Suggestion for meeting individual differences. School review, 28: 576-84, October 1920.
Says that the best opportunities for individual progress come through the three factors of (1) classification according to ability; (2) extended and enriched course of study and curricula; and (3) minimum and maximum courses or requirements in courses.

SCHOOLHOUSES AND GROUNDS.

1881. Gloucester, Mass. Public schools. Seventy-second annual report of the public schools of Gloucester, for the year ending December 31, 1919. Gloucester, Press of Gloucester Times co., 1920. 84 p. illus. 8°.
A school building program for Gloucester, Mass., p. 25-41. The work-study-play plan of organization.
1882. Hussander, A. F. Recent Chicago schoolhouses. American school board journal, 61: 45-51, 96, October 1920. illus., plans.

SCHOOL HYGIENE AND SANITATION.

1883. American school hygiene association. The school child's health. What mothers should and can do about it. 47 p. illus. 8°. (Harry B. Burns, secretary, 1101 Fultou building, Pittsburgh, Pa.)
"This pamphlet has been prepared by the American school hygiene association, with the cooperation of the American Red cross, for the purpose of helping to give the mothers and teachers of America a practical knowledge regarding the diseases and body defects that school children are in large numbers the victims of . . ."
1884. Collins, Francis A. Hygiene of the school. American review of reviews, 62: 416-18, October 1920.
Describes the present movement to better health conditions in the public schools. Illustrated.
1885. Gebhart, John O. Relation of school and special feeding to defective nutrition. American journal of public health, 10: 660-72, August 1920.
Writer contends that school meals are merely palliative if unaccompanied by measures to raise permanently home standards of food and hygiene.
1886. Holt, L. Emmett. The Child health organization. Modern medicine, 2: 584-80, September 1920. illus.
Health instruction in the schools and methods of arousing interest.
1887. Johnson, A. Le Roy. Orthodontic education. Dental cosmos, 62: 1180-04, October 1920.
1888. Sundwall, John. Health activities in colleges and universities; a discussion of the aims, organization, activities, and problems of a students' health service. Washington, Government printing office, 1920. 32 p. 8°. (Reprint no. 509 from the Public health reports, November 7, 1919)

PHYSICAL TRAINING.

1889. **Thaler, William H.** The evolution of physical training as a factor in health and education; with special reference to swimming. *Mind and body*, 27: 211-17, September-October 1920.

Address delivered before a meeting of physical directors at St. Louis, Mo., March 20, 1920.

1890. **Weston, Marion D.** Physical tests. *School science and mathematics*, 29: 577-83, October 1920.

Study based on data obtained from a survey of grades 1-8 in a Rhode Island school during the year 1919. Five tests were given: height, weight, lung capacity, and strength of the grip of right and left hands.

PLAY AND RECREATION.

1891. **Cummins, Robert A.** Shall play be directed, supervised, or left free? *Southern school work*, 9: 27-29, September 1920.

"All play activities of children should be first directed, then supervised, and left free to the children themselves only when the formation of approved habits of play is assured."

1892. **Koch, Frederick Henry and Lay, Elizabeth A.** *Plays for amateurs*. Chapel Hill, N. C., 1920. 67 p. 8°. (University of North Carolina record, no. 172, January 1920. Extension series no. 36)

A selected list of plays for amateurs.

1893. **Mackay, Constance D'Arcy.** Organizing the rural community theatre. *Playground*, 14: 417-29, October 1920.

Part VII in a series of articles on Rural imaginative recreation.

SOCIAL ASPECTS OF EDUCATION.

1894. **Cummins, Robert A.** A completely socialized school. *American journal of sociology*, 26: 195-206, September 1920.

Writer says that the curriculum should be socialized; this means to suit it to the present and future needs of the pupils. The pupils should also gain a reasonable amount of useful information in the fields of history, literature, and science. In summing up, the writer defines a completely socialized school as one in which the school board, the teachers, the curriculum, and the superintendent have "all been laid upon the altar of child welfare and dedicated to their needs."

1895. **Marquette, Bleecker.** What educational methods can do in housing. *American city*, 23: 375-78, October 1920.

Work of the Better housing league of Cincinnati, Ohio. Work among school children, etc.

1896. **Montyne, Edwin Y.** The socialized recitation. *Journal of education*, 92: 340-42, October 14, 1920.

The purposes, limitations, etc., of the socialized recitation.

CHILD WELFARE.

1897. **National child labor committee.** Report and papers of the fifteenth National conference on child labor, New Orleans, La., April 1920. *American child*, 2: 113-54, August 1920.

Contains: 1. W. U. Swift: A new-old method of approach, p. 115-18. 2. R. O. Fuller: The psychological approach to the child labor problem, p. 119-27. 3. Mabel B. Ellis: The juvenile court and child labor, p. 128-33. 4. Gertrude Folks: The rural child and compulsory school attendance, p. 139-44. 5. H. H. Mitchell: What is health protection for working children, p. 145-50. 6. Felix Adler: The next step to be taken by the National child labor committee, p. 151-54.

1898. **American Red cross, Washington, D. C.** Annotated subject index and order list of books and pamphlets, including government reports, on maternity and child welfare in England and Scotland. Washington, D. C., American Red cross, 1920. 181 p., 8°.
1899. **Bowen, Louise De Koven.** Safeguards for town and city youth. *Social progress*, 4: 194-95, 221-22, September, October 1920.
Speaks of our failure to conserve the health and morals of our children.
1900. **Brown, Sanger.** Social and medical aspects of childhood delinquency. *Journal of the American medical association*, 75: 987-90, October 9, 1920.
Study of the records of the Children's court of New York city during the last three years. Advocates replacing of truant schools, protectorates and similar partly custodial agencies with special classes in schools, or special schools with vocational classes.
1901. **Hastings, Montana.** The organization of the state child welfare work, Santa Fe, State department of education, 1920. 32 p. 8°. (New Mexico. State board of education. *Bulletin*, vol. 6, no. 3, September 1920. New Mexico child welfare service. *Bulletin* no. 1)
1902. **Huling, Caroline Alden.** Children in industry. Child labor a menace to the prosperity of the people. *Social progress*, 4: 188-90, September 1920. illus.

MORAL AND RELIGIOUS EDUCATION.

1903. **Burns, James.** A constructive policy for Catholic higher education. *Catholic educational review*, 18: 458-68, October 1920.
Paper read at the annual meeting of the Catholic educational association, held in New York, June 1920.
1904. **Gee, Howard James.** Methods of church school administration. New York, London [etc.] Fleming H. Revell company [1920] 117 p. 12°.
A textbook for community training schools and international and state schools of Sunday school methods.
1905. **Hall, G. Stanley.** Morale, the supreme standard of life and conduct. New York, London, D. Appleton and company, 1920. 377 [1] p. 12°.
Bibliography: p. 373-[377]
1906. **Meyer, Henry H.** Present tendencies in religious education. *Religious education*, 15: 201-11, August 1920.
A survey of progress presented at the convention of the Religious education association, Pittsburgh, March 20, 1920.

MANUAL AND VOCATIONAL TRAINING.

1907. **Eastern arts association.** Proceedings eleventh annual meeting, Boston, Mass., April 1-3, 1920. 214 p. pl. 8°. (M. W. Haynes, secretary, Bayonne, N. J.)
Contains: 1. Payson Smith: Address of welcome, p. 8-14. 2. R. O. Small: Vocational education, p. 15-23. 3. Mabel J. Chase: The responsibility of normal schools in training teachers of drawing from the supervisor's standpoint, p. 24-30. 4. A. L. Barbour: Responsibility of the normal school in training teachers of drawing in relation to general education, p. 31-38. 5. Loretta J. Curran: What the manual arts and practical arts teachers can do for general education today, p. 39-41. 6. W. H. D. Meier: The science and art of school and home gardening, p. 45-48. 7. Breta W. Childs: Training teachers for school supervised home gardens, p. 49-52. 8. G. A. Burrige: Training vocational teachers in Massachusetts, p. 53-59. 9. L. S. Burnell:

- Systematized printing instruction, p. 74-79. 10. Josef Sandberg: The proper training of manual arts teachers, p. 80-83. 11. A. C. Parker: The problems of an interior decorator, p. 84-88. 12. Lucy H. Gillett: How can our work in foods be made more vital to the health of the child? p. 94-104. 13. O. H. Benson: Backing up the million dollar appetites by a work program of achievement, p. 105-15. 14. R. W. Stimson: Uniting home and school with productive projects, p. 116-18. 15. O. D. Evans: Vocational guidance in the continuation school—"Helping the boy and girl to find themselves," p. 119-27. 16. O. D. Evans: The young worker and the continuation school, p. 128-33. 17. Annie F. Slattery: The class in occupations as a correlative to work in the arts, p. 134-43. 18. C. D. Kingsley: The place of practical education in the modern high school, p. 144-52. 19. Clifton Sturgis: Art in education, p. 153-58. 20. C. R. Richards: The industrial art survey: Its purpose and scope, p. 159-62. 21. D. L. Hoopflingarn-r: Social education and the labor problem, p. 168-74. 22. P. V. Thompson: Democratization of school administration, p. 175-76.
1908. **Anderson, D. F.** Beginnings in industrial education. Industrial education in ideal commonwealths. *School and society*, 12: 370-72, October 23, 1920.
1909. **Bennett, Charles A.** The vocational schools of Buffalo. *Manual training magazine*, 22: 91-94, October 1920. illus.
The all-day vocational school in Buffalo, N. Y.
1910. **Brower, Lyle.** Art for service. *Technic*, 3: 6-11, May 1920.
Says the study and teaching of art should be a source of enjoyment if it is to realize its mission and be of service. Gives some suggestions for teaching art for service.
1911. **Chapin, Roy B.** Cooperation between education and industry from the viewpoint of the manufacturer. 11 p. 8.
Reprinted from the Proceedings of the Society for the promotion of engineering education, 1920.
1912. **Holmes, Chester W.** Vocational aims of selected students. *Pittsburgh school bulletin*, 14: 343-49, 373, 375-77, 379-84, October 1920.
The Carnegie hero fund commission and the students selected for the benefactions.
1913. **Lockridge, Ross F.** An educational opportunity in industry. *Educational issues*, 1: 157-59, September 1920.
The part-time continuation school conducted in connection with the Wayne Knitting Mills, Fort Wayne, Ind.
1914. **Lyon, Leverett S.** Medieval English apprenticeship as business education. *School review*, 28: 585-99, October 1920.
Medieval apprenticeship was "an institution relied upon to give candidates for membership in the guilds the ability to conduct a business in a difficult economic and social environment." An historical study.
1915. **Morris, J. V. L.** Programs of apprenticeship and special training in representative corporations. *American machinist*, 53: 505-08, 657-59, 765-66, 847-52, September 23, October 7, 21, November 4, 1920. illus.
A series of articles in which apprenticeship, as it exists today, will be comprehensively treated. The methods used in different representative machine concerns of various sizes will be presented and discussed. The first article deals with the Schenectady plant of the General Electric Company, the second with the apprenticeship system used by R. Hoe and Company of New York city, the third with the Mergenthaler Linotype Company, of Brooklyn, N. Y., and the fourth with the Westinghouse Electric and Manufacturing Company, of East Pittsburgh, Pa.
1916. **Preston, A. W.** A new method of educational work shop management. *Manual training magazine*, 22: 95-103, October 1920. illus.

1017. **Bickcord, E. V.** Training for the supervisor's job in industry. Industrial arts magazine, 9: 421-28, November 1920.
1018. **Bitter, Richard H.** Industrial education in Korea. North American review, 212: 524-30, October 1920.
Says that outside of the Japanese enterprises, the only industrial training in Korea is that offered by the missionaries, who are mostly American. This training, however, is meagre. There are at present 74 agricultural colleges, 8 commercial schools, 4 technical schools, and 1 fishery school founded and supported by the Japanese government.
1019. **Sowers, J. I.** Value of the part-time school. Educator-Journal, 21: 9-11, September 1920.
1020. **U. S. Federal board for vocational education.** Bibliography of employment management. June 1920. Washington, Federal board for vocational education, 1920. 119 p. 8°. (Bulletin no. 51, Employment management series no. 9)
Section IV, Training, Including Rehabilitation and Americanization, p. 39-46.
1021. **Wisconsin state federation of labor.** Instruction in Wisconsin schools. Report of the general executive board to the twenty-eighth annual convention . . . La Crosse, Wis., July 21-24, 1920. Milwaukee, Wis., Pub. by direction of the General executive board, 1920. 28 p. 8°.

VOCATIONAL GUIDANCE.

1022. **Andrews, Hazel M.** Vocational and moral guidance through dramatics. Education, 41: 123-31, October 1920.
1023. **Baxter/Mildred F.** Opportunities for college graduates in psychological examining in social service work and education. Journal of applied psychology, 4: 207-18, June-September 1920.
Discusses the need for psychological selection of personnel and psychological direction of welfare work.
1024. **Marcus, Lawrence.** Vocational selection for specialized tasks. Journal of applied psychology, 4: 186-201, June-September 1920.
A study of selective tests for Hollerith machine operatives.
1025. **Proctor, W. M.** The use of psychological tests in the vocational guidance of high school pupils. Journal of educational research, 2: 533-46, September 1920.
Says that such tests are chiefly useful in a negative way, that is, as "a means of discovering to the counselor the kinds of occupations that a given high school pupil would probably better avoid."

AGRICULTURE.

1026. **Crandall, W. G., and Barnett, Albert.** The agricultural teacher's annual plan of work. Clemson College, S. C., Clemson agricultural college, 1920. 91 p. 8°. (Clemson agricultural college, Clemson College, S. C. Bulletin 3)
Summarizes briefly some of the plans for teaching agriculture that have been developed in South Carolina during the past three years.
1027. **Struck, F. Theodore.** Farm shop work in Pennsylvania: a study of repair and construction work as carried on by farmers, and as practiced in the vocational agricultural schools of Pennsylvania. [State College, Pa.] The Pennsylvania state college [1920] 85 p. diagrs. 8°. (On cover: The Pennsylvania state college. School of agriculture. Rural life department. Special bulletin no. 1. May, 1920)

HOME ECONOMICS.

1928. Gillett, Lucy H. How can our work in foods be made more vital to the health of the child. *Journal of home economics*, 12: 385-96, September 1920.

Read before the annual meeting of the Eastern arts association, April 1920. Suggestions for making the work in home economics practical.

1929. Van Duzer, Adelaide Laura. A garment-making project for sixth-grade girls. Cleveland, Ohio, 1920. 8 p. Illus. 12". (Cleveland, Ohio. Board of education. Bulletin, no. 24)

COMMERCIAL EDUCATION.

1930. Brown, Elmer Ellsworth. New York university. Graduate schools of business administration. Opening address . . . September 28, 1920. 14 p. 8".

1931. Gruenberg, Benjamin C. Commercial education. *School and society*, 12: 300-304, October 9, 1920.

1932. Otto, William N. Practical pointers on teaching commercial English in high school. Clearing house (Goodyear-Marshall publishing company, Cedar Rapids, Iowa) August 1920, p. 1, 4-5.

1933. The Prince alumnae news, no. 5, October 1920. 48 p.

Published by the Prince school of education and store service, Boston, Mass. Contains a number of short articles on education for store service.

1934. United States. Federal board for vocational education. Survey of junior commercial occupations. Washington, Government printing office, 1920. 77 p. 8". (Bulletin no. 54, Commercial education series no. 4)

ENGINEERING EDUCATION.

1935. Greene, Arthur M., jr. Cooperation between the preparatory schools, the engineering colleges, and industries as viewed from the standpoint of the educator. *Engineering education*, 11: 5-17, September 1920.

1936. Hughes, H. J. The Harvard engineering school. *Harvard graduates' magazine*, 20: 71-73, September 1920.

CIVIC EDUCATION.

1937. National Catholic war council. Committee on special war activities. Civics catechism on the rights and duties of American citizens. Washington, D. C., National Catholic war council, 1920. 71 p. 12". (Reconstruction pamphlets, no. 13, August 1920)

Questions and answers based upon the text of the fundamentals of citizenship (Reconstruction pamphlet no. 6)

1938. [The teaching of political parties and the presidential campaign] *Historical outlook*, 11: 272-80, October 1920.

Contains: 1. H. C. Hill: Political parties and the presidential campaign, p. 272-76. 2. J. M. Gathany: The political campaign in high-school classes, p. 276-78. 3. W. H. Allen: A plea for campaign civics, p. 279-80.

The first article presents a topical outline for the teaching of political parties and the presidential campaign.

AMERICANIZATION.

1939. Burns, Allen T. The immigrant. Survey, 5: 10-11, 29, October 2, 1920.

Discusses the laws in various states regarding the compulsory use of English as the medium of instruction in immigrant schools. An inquiry into the best methods of Americanization. Gives a bibliography of Americanization studies.

1940. Gray, Robert Floyd. The home teacher in California. School and society, 12: 330-34, October 16, 1920.

The work of the home teacher in Americanizing the foreign women of California.

1941. Gimby, George. Record of progress in immigrant education. Industry (Boston, Mass.) 6: 9-12, October 9, 1920.

Facts and figures showing what industries have done in two years—prospects for the future of work under supervision of school authorities.

1942. Service citizens of Delaware. Americanization in Delaware, 1913-1920. [Newark, Del., 1920] 87 p. illus. 8°. (Bulletin of the Service citizens of Delaware, vol. 1; no. 8, September 1920)

Prepared by Helen Hart, executive secretary of the Delaware Americanization committee.

CONTENTS.—Pt. I. Formulating the program.—Pt. II. Clinching the night school experiment.—Pt. III. Outside the schools.—Pt. IV. Plans for the future.—Appendix.

1943. Thompson, Frank V. Schooling of the immigrant. New York and London, Harper & brothers, 1920. 408 p. 12°.

A report on the methods of the agencies actually at work in the field of Americanization. "This is the first of 11 studies of Americanization which aim to establish a common viewpoint between the native and immigrant populations in the interest of national unity."

EDUCATION OF SOLDIERS.

1944. McMurtrie, Douglas C. The essentials of a national system for rehabilitation of disabled service men of the American forces. Greenwich, Conn., The Arbor press, 1920. 23 p. 16°.

A statement presented to the Committee on education of the House of Representatives, March 31, 1920.

1945. Myers, Garry C. Some pioneer problems—worked out with illiterates. Education, 41: 29-32, September 1920.

Says that one remarkable thing about adult illiterates is the speed with which they learn to read and write. Describes methods used in school for illiterate soldiers at Camp Upton, N. Y.

1946. Segsworth, Walter E. Retraining Canada's disabled soldiers. Ottawa, J. de Labroquerie Taché, printer to the king's most excellent majesty, 1920. 193 p. plates. 8°.

EDUCATION OF WOMEN.

1947. McVea, Emilie W. The present curricula of colleges for women. School and society, 12: 241-45, September 25, 1920.

1948. Ward, Florence E. The farm woman's problems. Journal of home economics, 12: 437-57, October 1920.

Presented at the thirteenth annual meeting of the American home economics association, Colorado Springs, June 1920.

Gives some facts brought out by a recent farm home survey conducted by the Department of Agriculture.

NEGRO EDUCATION.

1949. **Grose, Howard B.** A glad day at Spelman seminary. *Missions*, 10: 338-59, May 1920. Illus.

Pages 344-59 are devoted entirely to pictures showing the work that is being done in educating the negroes at Spelman seminary, Atlanta, Ga.

1950. **Jones, Thomas Jesse.** Educational adaptations. Report of ten years' work of the Phelps-Stokes fund, 1910-1920. New York, Phelps-Stokes fund, 1920. 92 p. 8°.

EDUCATION OF DEAF.

1951. **Jones, Mabel K.** Language development for primary grades. *Volta review*, 22: 597-603, October 1920.

Gives also a teacher's outline of work, September to June.

1952. **Kinzie, Cora E.** The Kinzie method of speech-reading. *Volta review*, 22: 600-20, October 1920.

A method developed from a combination of the principles of the Müller-Walle and Nitche methods.

1953. **Nitche, Elizabeth H.** The Nitche method of teaching lip-reading. *Volta review*, 22: 621-29, October 1920.

EXCEPTIONAL CHILDREN.

1954. **Kohs, S. C.** The school as an agency in preventing social liabilities. *School and society*, 12: 325-30, October 16, 1920.

Paper read before the annual Conference of the Oregon social workers association, Portland, Oregon, June 23, 1920.

The exceptional child, what is being done for him now in this country and what should be done in order honestly and faithfully to carry out the principles of education in a democracy.

1955. **Wallace, George S.** The feeble-minded as a public school problem. *Educational review* (Frederick, N. B.) 35: 66-70, October 1920.

EDUCATION EXTENSION.

1956. **Landgraf, George E.** Free correspondence study courses for ex-service men and women under the Educational bonus law. Madison, Wis., State board of education, 1920. 11 p. 8°. (*Wisconsin educational horizon*, vol. 3, no. 1, pt. 3, September 1920. Educational bonus bulletin no. 2)

1957. **Payne, Arthur Frank.** Organization of evening vocational classes. *American school board journal*, 61: 27-29, October 1920.

Some problems involved in the administration of evening vocational schools.

1958. **Smith, Homer J.** Part-time teaching. The teacher, the co-ordinator, teacher training. *National school digest*, 40: 84-86, 150-04, September, October, November 1920.

1959. **Starkweather, J. A.** The organization of night schools, including reports, records and directions for organization. *American school board journal*, 61: 29-32, October 1920.

The plan given here is the outgrowth of experience in the city of Duluth, Minnesota.

LIBRARIES AND READING.

1060. Hutchins, Margaret. Guide to the use of libraries. A manual for students in the University of Illinois; by Margaret Hutchins, Alice S. Johnson, Margaret S. Williams. Urbana, Ill., 1920. 179 p. 8°.

BUREAU OF EDUCATION: RECENT PUBLICATIONS.

1061. Administration and supervision of village schools; by W. S. Deffenbaugh and J. C. Muerman. Washington, 1920. 63 p. (Bulletin, 1919, no. 86)
1062. Development of agricultural instruction in secondary schools; by H. P. Barrows. Washington, 1920. 108 p. (Bulletin, 1919, no. 85)
1063. The eyesight of school children. Defective vision as related to school environment, and methods of prevention and correction; by J. H. Berkowitz. Washington, 1920. 128 p. illus. (Bulletin, 1919, no. 65)
1064. Health training for teachers; by Robert G. Leavitt. Washington, 1920. 15 p. (Health education no. 8)
1065. List of references on educational surveys. Washington, 1920. 16 p. (Library leaflet no. 12, October 1920)
1066. Monthly record of current educational publications. Index, February, 1919-January, 1920. Washington, 1920. 32 p. (Bulletin, 1920, no. 28)
1067. Progress in preparation of industrial teachers; by William T. Bawden. Washington, 1920. 28 p. (Industrial education circular no. 5, July 1920)
1068. Reading course for parents (revised). Washington, 1920. 4 p. (Reading course no. 3, revised)
1069. Report of progress of the subcommittee on college instruction in agriculture. Washington, 1920. 11 p. (Higher education circular no. 21, July 1920)
1070. Salaries in universities and colleges in 1920. Washington, 1920. 43 p. (Bulletin, 1920, no. 20)