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OF CURRENT EDUCATIONAL
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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—Scientific research—School administration—School management—Schoolhouses and grounds—School hygiene and sanitation—Physical training—Play and recreation—Social aspects of education—Moral education—Religious education—Manual and vocational training—Vocational guidance—Agricultural education; School gardens—Professional education—Civic education—Americanization—Military training—Education of soldiers—Training of disabled soldiers—Education of women—Negro education—Education of deaf—Exceptional children—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.

With this issue the record suspends publication for the summer.

PROCEEDINGS OF ASSOCIATIONS.

936. **Kentucky educational association.** Proceedings and addresses forty-eighth annual session, Louisville, Ky., June 23-26, 1910. 115 p. 8°. (R. E. Williams, secretary, Louisville, Ky.)

Contains: 1. R. L. McFarland: Some phases of agriculture under the Smith-Hughes act, p. 24-27. 2. Mrs. Hencie Orm: The duty of parents and teachers after the war, p. 27-31. 3. J. A. Lanke: Vocational education in the public schools, p. 31-35. 4. J. V. Chapman: Our rural problem, p. 35-40. 5. L. L.

- Driver: The consolidated school as a community center, p. 41-45. 6. J. T. C. Noe: A fundamental essential of education in a democracy, p. 45-48. 7. S. S. Elam: Increased salaries of Kentucky teachers from the statistician's viewpoint, p. 49-53. 8. M. A. Cassidy: Lexington's experience with the junior high school, p. 53-59. 9. Harper Gatton: Madisonville's experience with the junior high school, p. 59-61. 10. Gordon Wilson: Folk-lore and folk-life in the high school, p. 64-68. 11. C. A. Shull: Vitalized botany teaching in the high schools, p. 73-78. 12. R. S. Eubank: What is the matter with Kentucky? p. 83-86. 13. E. J. Kinney: Teaching elementary agriculture with especial reference to the teaching of farm crops, p. 90-92.
937. **Mississippi teachers' association.** Proceedings of the thirty-fourth annual convention . . . Meridian, Miss., May 1-3, 1919. Brookhaven, Miss., The Lincoln county times, 1919. 78 p. 8°. (H. L. McCleskey, secretary, Station A, Hattiesburg, Miss.)
Theme: Educational reconstruction: the crisis of 1919.
938. **Pennsylvania. Department of public instruction.** Proceedings of educational congress, November 17-22, 1919. Harrisburg, Pa., J. L. L. Kuhn, printer to the commonwealth, 1920. 673 p. 8°. Contains the following sections: 1. Higher education, p. 91-114. 2. Educational measurements, p. 115-56. 3. Music, p. 157-76. 4. Health education, p. 177-268. 5. Mental hygiene, p. 269-300. 6. Americanization, p. 301-22. 7. Rural education, p. 323-68. 8. Moral education, p. 369-86. 9. History and social science, p. 387-418. 10. General science, p. 419-32. 11. Vocational education, p. 433-76. 12. School support, p. 477-500. 13. English, p. 501-34. 14. Geography, p. 535-58. 15. Mathematics, p. 559-72. 16. Foreign languages, p. 573-82. 17. All-year school, p. 583-96. 18. Thrift, p. 597-602. 19. Art, p. 603-16. 20. Continuation school, p. 617-28. 21. High school administration, p. 629-60. 22. Libraries, p. 631-71.
939. **Washington educational association.** Thirty-third annual session . . . Seattle, Washington, October 29-31, November 1, 1919. Seattle, Washington printing company [1920] 213 p. 8°. (O. C. Whitney, secretary, Tacoma, Wash.)
Contains: 1. Albert Shleis: Education and the state, p. 38-45. 2. Albert Shleis: The place of industrial art in education, p. 45-51. 3. A. S. Burrows: School finance, p. 65-75. 4. A. S. Gist: Americanization, p. 76-80. 5. I. E. Miller: Professionalizing the county superintendency, p. 80-92. 6. F. O. Evans: Reorganizing high school mathematics, p. 94-98. 7. H. C. Phillips: Breaking away from the traditional in physics and chemistry teaching, p. 100-105. 8. Mary A. Grupp: Project work in the grades, p. 120-26. 9. G. W. Frasier: Grading and promotion of kindergarten and primary children, p. 127-32. 10. Carl Ryan: Quo vagatur, p. 133-45. 11. Wilona Bailey: The two year problem in Latin, p. 146-51. 12. E. J. Klemme: The problem of the rural school, p. 152-56. 13. Josephine C. Preston: Rural health and sanitation, p. 187-91.

EDUCATIONAL HISTORY AND BIOGRAPHY.

940. **Elliott, G. B.** Gone German university days. *Review*, 2: 384-86, April 17, 1920.
Discusses student life and conditions at the University of Jena before the world war. Gives a character sketch of Prof. Haeckel.
941. **Miller, Clyde B.** Dr. Spaulding—expert in public education. *American review of reviews*, 61: 513-16, May 1920.
A sketch of the educational work of Frank E. Spaulding, now superintendent of schools of Cleveland, Ohio. In September 1920 Dr. Spaulding is to take charge of the new department of education in the graduate school of Yale university, where particular attention will be given to the training of public school executives.

CURRENT EDUCATIONAL CONDITIONS.

UNITED STATES.

942. **Erskine, John.** New prospects in education. *Smith alumnae quarterly*, 11: 162-68, May 1920.

The writer thinks the question of illiteracy, our undeveloped possibilities in the arts, and our need of a common intellectual background are the chief peaks in our new educational horizon. To arrive at the common intellectual background we should have greater cooperation on the part of the higher institutions of learning, and to meet the menace of illiteracy nothing short of federal action on a large scale is likely to be adequate.

943. **Harris, T. H.** Pressing educational needs of Louisiana. *Southern school work*, 8: 359-65, May 1920.

944. **Hartwell, E. C.** The greatest need in public education today—wise and responsible leadership. *Journal of the New York state teachers' association*, 7: 82-86, April 1920.

Address before the Department of superintendence, National education association.

945. **McAndrew, William.** Why and how the public manages schools. *Outlook*, 124: 651-55, 707-8, 712-13, April 14, 21, 1920.

Continuation of a series on "Community civics; a practical educational course in citizenship." Part 1 discusses the "American idea" and its expression in the public schools. Part 2 takes up the New York state system of education; duties of the city board of education; money value of education, etc.

946. **Metcalf, John Calvin.** Humanizing education. *School and home*, 12: 7-9, April 1920.

Address delivered at the Georgia educational association, Macon, Ga., March 26, 1920.

947. **Neale, M. G.** The alarming crisis in American education and how some cities are meeting it. *American city*, 22: 447-52, May 1920.

A statistical study of school conditions; the teacher shortage; inadequate salaries, etc. Illustrated with graphs.

948. **Preston, Josephine Corliss.** The main issues of the year in educational work. *Northwest journal of education*, 31: 202-64, May 1920.

Read before the Inland empire teachers' association, 1920.

Also in *Inter-mountain educator*, 15: 348-48, April 1920.

Speaking of the conditions of teacher shortage, etc., particularly in the state of Washington, the writer says that there is no doubt the public schools can have everything which they need if the public school people continue to stand together. She says we need a campaign of education in every locality, county and state.

949. **Ryan, W. Carson, jr.** Education and educational institutions. In *The American year book; a record of events and progress, 1919*. New York and London, D. Appleton and company, 1920. p. 796-815.

Covers the educational movements of the past year under the following heads: Reconstruction in education, Americanization, Health and physical education, Vocational education, Teachers' problems, International relations in education, General educational progress. Followed by an article on Libraries by J. I. Wyer, jr., p. 816-18.

950. **Shearer, William J.** Elimination of waste in education by replacing Prussian system with an American plan. *Wyoming school journal*, 16: 229-31, April 1920.

An address before the Department of superintendence, National education association, Cleveland, Ohio, February 27, 1920.

Points of waste in our present systems of education and remedies for them.

951. Sorabji, R. K. Facilities for Indian students in America and Japan. Calcutta, Superintendent government printing, 1920. 18 p. 8°. (India, Bureau of education. Pamphlet no. 7.)

952. Thomsen, Mark L. The call of the public school. Oberlin alumni magazine. 16: 167-69, May 1920.

The needs and shortcomings of the American public school.

FOREIGN COUNTRIES.

Great Britain.

953. The doctor of philosophy in England. Nature (London) 105: 204-6, April 15, 1920.

Establishment of the Ph. D. degree at Oxford and Cambridge. Cites the history of the degree.

954. Ferroni, Giacomo. Il carattere sociale della nuova legge scolastica in Inghilterra e le vicende del concetto sociale della scuola popolare in Italia. Rivista pedagogica, 13: 51-83. January-February 1920.

955. Fisher, Herbert. The undelivered Kingsway Hall address of the Minister of Education. Teacher's world, 22: 1149, 1151, March 31, 1920; 23: 1, 4, April 7, 1920.

An address by the Minister of Education of England containing proposals for introducing denominational religious instruction into Council schools and for a fuller control of non-provided schools by the local education authorities. The part published in the March 31 issue is headed "Mr. Fisher on the religious difficulty." The second part is headed "Education under the new act. Mr. Fisher's survey of national needs and opportunities under the act of 1918."

The delivery of this address was prevented by a demonstration made by a small number of London teachers.

956. Gray, Charles H. The future and the public schools. London, Nisbet & co. Ltd. [1919] 5 p. l., 64 p. 8°.

The author, a public school boy, foresees a coming social and political revolution in England, and believes that the future of the country depends upon public school men, who will be called upon to supply leadership under the supremacy of Labor.

957. Hood, Jack, pseud. The heart of a schoolboy; with a preface by Rev. E. A. Burroughs. London, Longmans, Green and co., 1919. xv, 104 p. 12°.

A defense of the English public school system written by a public school boy still attending school.

958. Jones, Henry Arthur. Patriotism and popular education . . . the whole discourse being in the form of a letter addressed to the Right Hon. H. A. L. Fisher, president of the Board of education. 2d ed. London, Chapman and Hall, Ltd., 1919. xxiv, 271 p. 8°.

This book has aroused great interest because of the forceful criticism of the current system of popular education in England which it contains.

959. MacLean, George Edwin. Opportunities for graduate study in the British Isles. New York, Institute of international education, 1920. 40 p. 8°.

960. Moulton, H. Fletcher. The powers and duties of education authorities with the text of the education (England) acts, 1870-1918. London and Edinburgh, William Hodge & company limited, 1919. 250 p. 12°.

961. Owen, E. C. E. The reconstruction of public school education. Contemporary review, 117: 673-81, May 1920.

A plea for the classics. Conditions in English secondary schools discussed.

962. Waugh, Alec. The loom of youth; with preface by Thomas Secombe. New York, George H. Doran company [1920] 350 p. 12°.

Previously published in England.

A novel in which the author develops the character of Gordon Caruthers, supposedly a typical English secondary school boy just before the war. The book is remarkable for its vivid portrayal of life in an English public school, and contains a vigorous criticism of athleticism in the secondary schools.

France.

963. Duchemin, Léon. Les langues vivantes dans l'enseignement primaire et dans l'enseignement technique. Revue de l'enseignement des langues vivantes, 37: 145-48, April 1920.

Discusses the present status of modern language teaching in French schools.

964. Finelle, Jean. Vers l'université nouvelle. La vie universitaire, new series, no. 3, p. 5-8, February 1920.

Current tendencies in the French universities.

Germany.

965. Busch, Wilhelm. Das kartenbild im neuen deutschen schulatlas und seine verwendung im unterricht. Monatschrift für höhere schulen, 19: 24-38, January-February 1920.

966. Stölzle, R. Der streit um die zulassung der immaturoi zum hochschulstudium. Monatschrift für höhere schulen, 19: 91-96, March 1920.

China.

967. Dewey, John. What holds China back. Asia, 20: 373-77, May 1920.

Writer says that the crowded population has bred the conservative habits of mind of the Chinese. Innovation and experimentation get automatically discouraged, not from lack of intelligence, but because intelligence is too keenly aware of the mistakes that may result from change.

EDUCATIONAL THEORY AND PRACTICE.

968. National society for the study of education. Nineteenth yearbook. Pt. I. New materials of instruction. Pt. II. Classroom problems in the education of gifted children. Bloomington, Ill., Public school publishing company, 1920. 2 v. 8°. (Guy M. Whipple, secretary-treasurer, University of Michigan, Ann Arbor, Mich.).

Contains: Pt. I.—1. Reading exercises based on children's experiences, p. 20-30. 2. Reading for children in non-English-speaking families, p. 31-39. 3. Reading for non-English speaking adults, p. 40-46. 4. Tests in reading as part of classroom routine, p. 47-51. 5. Reading instructions for college students, p. 52-57. 6. A book prepared by pupils, p. 58-68. 7. A book of local history, p. 69-73. 8. Lessons in local history and geography, p. 74-82. 9. Lessons amplifying the ordinary textbook accounts found in geographies, p. 83-132. 10. Exercises in mathematics, p. 133-45. 11. Nature study, p. 146-55. 12. Community life, p. 156-74. Pt. II.—13. Flexible promotion schemes as related to the school progress of gifted children, p. 11-27. 14. Special rooms for gifted pupils, p. 28-41. 15. The experimental room at Urbana, p. 42-54. 16. Results of the educational tests, p. 55-75. 17. Results of a practice-test in multiplication, p. 76-88. 18. Results of the mental tests, p. 89-95. 19. Methods of teaching as adapted to the instruction of gifted children, p. 96-111. 20. General summary and recommendations, p. 112-19. 21. Bibliography on the psychology and pedagogy of gifted children, p. 120-25.

969. **Anthony, Katherine M.** The development of personality in school children. *Virginia teacher*, 1: 31-35, March 1920.
970. **Bailey, C. W.** Happiness in the school, some practical suggestions for beginners in teaching. London [etc.] Blackie and son limited, 1919. 85 p. 16°. (Half-title: Blackie's library of pedagogics)
971. **Durney, Joseph A.** Departmental instruction in the intermediate grades. *Catholic educational review*, 18: 288-301, May 1920.
Thinks that more than one teacher in an intermediate grade produces weak harmony, absence of united class effort, and loose coordination.
972. **Gass, Sherlock Bronson.** A lover of the chair. Boston, Marshall Jones company, 1919. 303 p. 12°.
The author discusses the leading problems of education in a democracy, and the wider problem of democracy itself. On the side of education he shows that the present lurch towards vocational training in the public schools is really not democratic at all, but it assumes that a child is to be fitted for a place in which he shall stay—an aristocratic assumption.
973. **Howorth, I. W.** Method in education. *School and society*, 11: 481-86, April 24, 1920.
974. **Hughes, James L.** Adult and child—how to help, how not to hinder; a study in development by comradeship. Syracuse, N. Y., C. W. Burdeen [1920] 187 p. 12°.
975. **Meriam, Junius L.** Child life and the curriculum. Yonkers-on-Hudson, N. Y., World book company, 1920. xii, 538 p. 12°.
This book advocates an elementary school curriculum based on current problems in home, community, and national life, in place of the traditional curriculum which has been predominant in most schools. The author is superintendent of the University elementary school at Columbia, Mo., and his discussion of the curriculum is virtually a report upon actual conduct of this school during the past twelve years. Supplementary readings and general references are given at the close of each chapter, and there is a general bibliography at the end of the book.
976. **Parker, I. Valentine.** Education in a democracy. *Educational foundations*, 31: 391-94, March 1920.
Cultural versus vocational education. In conclusion the writer says that physical training is essential, religious and ethical instruction urgent, but not within the province of the public school, and that the chief end of education is the training of the mind.
977. **Paton, Stewart.** The essentials of an education. *Mental hygiene*, 4: 288-90, April 1920.
Says that provision should be made in clinics and dispensaries for instructing teachers in the art of analyzing the personality and discovering the forces at the foundation of character. Presents an inventory of educational progress at three important periods of a pupil's life.
978. **Strayer, George Drayton and Engelhardt, H. L.** The classroom teacher at work in American schools. New York, Cincinnati [etc.] American book company [1920] 400 p. 12°. (American education series. G. D. Strayer, general editor)
A book for teachers which treats of the organization and administration of public education, as well as of the technique employed by the teacher in his daily work.

EDUCATIONAL PSYCHOLOGY; CHILD STUDY.

979. **Abbot, E. Stanley.** Program for mental hygiene in the public schools. *Mental hygiene*, 4: 320-30, April 1920.
Says that in the state department of education there should be established a bureau of educational child study and adjustment, for the supervision and direction of the mental and physical hygiene work in the central and other special schools, etc.

980. **Goddard, Henry Herbert.** Human efficiency and levels of intelligence. Lectures delivered at Princeton university April 7, 8, 10, 11, 1919. Princeton, Princeton university press, 1920. vii, 128 p. diags. 12°.
981. **Kirkpatrick, Edwin A.** Imagination and its place in education. Boston, New York [etc.], Glinn and company [1920] x, 214 p. 12°. Bibliography: p. 209-14.
982. **Laird, Donald A.** Does there exist a need for a program of education in mental hygiene. *Mental hygiene*, 4: 393-403, April 1920. Study based on questionnaires sent to representative laymen, professors, public school teachers, and physicians.
983. **Richards, Esther L.** Some adaptive difficulties found in school children. *Mental hygiene*, 4: 331-63, April 1920. Study based on data contributed by representatives from the fields of biology, psychology, psychopathology, and sociology. The discussion was invited by the Joint committee on education of Chicago, in 1916 and 1917, in the interests of their public schools.
984. **Rosenow, Curt.** Is lack of intelligence the chief cause of delinquency? *Psychological review*, 27: 147-57, March 1920. Discusses the bearing which actual modern statistical findings have upon the question.
985. **Strong, Edward K., jr.** Introductory psychology for teachers. Baltimore, Warwick & York, inc., 1920. xii, 233 p. illus. 8°. This course takes up concrete experiences of everyday life, relates them to the problems of learning and individual differences, and so develops these two topics. Behavior as a whole is considered from the start, and is thereafter gradually subdivided.
986. **White, William A.** Childhood: the golden period for mental hygiene. *Mental hygiene*, 4: 257-67, April 1920. Says that childhood is the period *par excellence* for prophylaxis and consequently the period, above all others, which must be studied, if psychiatry is ever to develop an effective program of prevention.

EDUCATIONAL TESTS AND MEASUREMENTS.

987. **Brooks, Samuel S.** Putting standardized tests and scales to practical use in the rural schools. *Journal of educational research*, 1: 392-97, May 1920.
988. **Caldwell, Helen Hubbert.** Adult tests of the Stanford revision applied to college students. *Journal of educational psychology*, 10: 477-88, December 1919. Bibliography: p. 433. "The author summarizes the results of the application of various intelligence tests to college students, and reports the use of the Terman adult tests with 40 college students. The tests give a correlation of .48 with intelligence estimates made by teachers."
989. A condensed guide to the Binet tests. *Training school bulletin*, 17: 1-39, March-April 1920. ©. Pt. I. Binet tests and diagnosis, by S. D. Porteus.—Pt. II. Tests and test procedure, by S. D. Porteus and Helen F. Hill.—Pt. III. Notes and comments.
990. **Courtis, Stuart A. and Thorndike, Edward L.** Correction formulas for addition tests. *Teachers college record*, 31: 1-24, January 1920.
991. **Denver, Colo.** School district no. 1. Sixteenth annual report of School district no. 1 in the city and county of Denver, Colo., for the year ending on June 30, 1919. 278 p. illus. 8°. Contains on pages 46 to 106 the first annual report of the Department of measurements and standards by Ella Switzer.

992. **Freeman, Frank N.** Types of high school students. *School review*, 28: 383-87, May 1920.
An intellectual diagnosis of boys who were giving difficulty to their teachers in the University high school of the University of Chicago. The boys were examined by means of the Stanford revision of the Binet scale.
993. **Kallom, Arthur W.** Reproduction as a measure of reading ability. *Journal of educational research*, 1: 359-68, May 1920.
994. **Kantor, J. B.** Intelligence and mental tests. *Journal of philosophy, psychology and scientific methods*, 17: 260-68, May 6, 1920.
995. **May, Mark A.** Standardized examinations in psychology and logic. *School and society*, 11: 533-40, May 1, 1920.
"The purpose of this paper is to show how the technic of mental and educational testing can be applied to examinations in elementary psychology and elementary logic."
996. **Pressey, S. L.** The "efficiency" of a group scale of intelligence in prognosticating success and failure in junior high school. *Journal of applied psychology*, 4: 381-85, December 1919.
Data based on scores obtained from the sixth grade children of a large junior high school, and with the school history of these children for three semesters since the tests were made.
997. ——— and **Ralston, Ruth.** The relation of the general intelligence of school children to the occupations of their fathers. *Journal of applied psychology*, 4: 366-73, December 1919.
An analysis, according to the occupation of the father, of results with a group scale of intelligence from 548 unselected school children 10 to 14 years of age.
998. ——— and **Shively, I. M.** A practical information test for use with delinquents and illiterate adults. *Journal of applied psychology*, 4: 374-80, December 1919.
A test of the general nature of Whipple's range of information test.
999. **Proctor, W. M.** The use of psychological tests in the educational guidance of high-school pupils. *Journal of educational research*, 1: 369-81, May 1920.
1000. **Bugg, H. O.** Rating scales for pupils' dynamic qualities: standardizing methods of judging human character. *School review*, 28: 337-49, May 1920.
Discusses "a new type of measuring instrument for certain important traits in high school students." Presents a classification of mental abilities and processes. The scale provides a method of rating by which a student is rated on five groups of qualities by being compared directly with five other students, whose names have been assigned definite positions on the scale.
1001. **Starch, Daniel.** A test in Latin. *Journal of educational psychology*, 10: 489-500, December 1919.
"The test here described is composed of two parts, a vocabulary test and a translation test. The translation test is subdivided into four parts, corresponding to the four years of high school Latin. The norms are derived from the scores of nearly 1,000 pupils in thirteen high schools."
1002. **Thaisen, W. W.** The operation of bureaus of educational research— with particular reference to Wisconsin. *Journal of educational research*, 1: 382-91, May 1920.
1003. **Thorndike, Edward L.** Intelligence examinations for college entrance. *Journal of educational research*, 1: 329-37, May 1920.

1004. **Trabue, M. E. and Stockbridge, Frank P.** Measure your mind; the mentimeter and how to use it. Garden City, N. Y., Doubleday, Page & company, 1920. vii, 349 p. illus. 8°.

In this book the principles of applied psychology, as they bear upon mental tests, are stated in popular language. The work is adapted for use by employers, by teachers of all grades, by parents, and by young men and women striving for self-improvement and advancement and desirous of learning something of their own mental capacities and limitations as a guide to choice of vocation.

1005. **Voigt, Woldemar.** Über das logisch-rechnerische denken der zehn- bis zwanzigjährigen auf grund experimenteller untersuchungen. Zeitschrift für pädagogische psychologie und experimentelle pädagogik, 20: 386-409, December 1919.

SPECIAL METHODS OF INSTRUCTION.

1006. **Goode, J. Paul.** Scope and outlook of visual education. Visual education, 1: 6-13, April 1920.

An address delivered at the Cleveland meeting of the Dept. of superintendence, National education association, February 26, 1920.

Also in Southern school work, 8: 43-76, May 1920; Ohio educational monthly, 59: 147-60, May 1920, and other magazines.

1007. **Linke, Edith A.** An experiment in teaching in response to children's questions. Teachers college record, 21: 55-67, January 1920.

The aim of this paper is to show the results of an experiment in primary education based upon the following problems: (1) Can we use children's questions as natural stimuli to projects? (2) What development follows from these questions when the answers are worked out by pupils in the higher grades?

1008. **Pendleton, Charles S.** The socialized recitation. Journal of the New York state teachers' association, 7: 86-91, April 1920.

Address before the Department of superintendence, National education association, Cleveland, 1920.

1009. **Pierce, Bessie L.** The socialized recitation. Historical outlook, 11: 182-93, May 1920.

The socialized history recitation.

1010. **Roach, Charles.** Visual instruction in community center work. Educational film magazine, 3: 8-9, 26, 28, April 1920.

A portion of this paper was read at the Cleveland meeting of the National education association, Department of superintendence, 1920.

1011. **Thurstone, L. L.** What is an educational motion picture? Visual education, 1: 34-38, April 1920.

SPECIAL SUBJECTS OF CURRICULUM.

ENGLISH AND COMPOSITION.

1012. **Dolch, Edward W.** Teaching literature. English journal, 9: 185-93, April 1920.

An effort to ascertain the results of literature teaching in the high school. Says that studying literature as art will bring to the same bar of judgment "the classics in the school library and the magazines in the rack at the drug store."

1013. **Geyer, Ellen M.** Prevision vs. revision. Inter-mountain educator, 15: 297-302, March 1920.

Some suggestions for developing self-reliance in pupils in their English work.

1014. Joy, Florence L. Gleanings from freshman English. *English Journal*, 9: 201-9, April 1920.

A study based on an examination of 1,300 papers, many from a state university, some from a large college, and some from a school of applied science.

1015. Leisy, Ernest E. The teaching of argument. *Illinois association of teachers of English bulletin*, 12: 1-15, April 1, 1920.

1016. Patterson, Samuel W. High school journalism, its supervision and possibilities. (Part II) *Bulletin of high points*, 2: 12-17, March 1920.

1017. Paul, H. G. A report on better speech week. *English Journal*, 9: 194-200, April 1920.

Based on data gathered from a number of American cities. Discusses the value of the movement for better speech.

1018. Young, Stark. Blind mouths. *Bookman*, 51: 347-50, May 1920.

Considers the literary productions of college students. Questions whether writing of any value can be taught, and if it can be taught what sort should the teaching be.

MODERN LANGUAGES.

1019. Burkhard, Oscar. The future of the study of German in America. *School review*, 28: 360-67, May 1920.

Advocates an early revival of the interest in German language and literature in our schools.

1020. Meredith, A. B. The relative amount of foreign language in a well-balanced high school curriculum. *High school quarterly*, 8: 166-70, April 1920.

Thinks that the study of foreign languages has a place in curricula for individualistic and cultural purposes, but it should not be required of all pupils.

1021. Phelps, Ruth Shepard. Why study French? *School and society*, 11: 486-93, April 24, 1920.

Read before the Modern language section of the Minnesota educational association, November 4, 1919.

1022. Purin, C. M. The importance of foreign language study in the general scheme of American education. *Modern language journal*, 4: 325-30, April 1920.

1023. Ripman, Walter. Modern languages at the first school examination. *Journal of education and School world (London)* 52: 201-93, May 1, 1920.

Conditions in England; language tests intended to ascertain the amount of knowledge that may be acquired under normal school conditions after four to five years' instruction in the first foreign language studied.

ANCIENT CLASSICS.

1024. Grinstead, Wren J. A proposed guide to the etymological importance of Latin words. *Classical journal*, 15: 475-78, May 1920.

Study based on experiments conducted by the writer in the University of Wisconsin in 1915-16.

1025. Horner, B. L. The use of games in teaching Latin. *Classical journal*, 15: 476-81, May 1920.

Discusses the value of the spelling bee, or contest for Latin vocabularies; English game of logomachy applied to Latin; published picture games, etc.

1026. McCrea, Nelson G. Training versus education. *Classical journal*, 15: 482-93, May 1920.

Discusses methods in translating Latin.

1027. **Ross, C. F.** Education for democracy. *Educational review*, 59: 381-04, May 1920.

A plea for the classics. Says that the tendency in education to-day is to stress the study of things at the expense of the study of thoughts.

1028. **Sage, Evan T.** The classics for engineers. *Engineering education*, 10: 364-70, April 1920.

A reply to the article by Rudolph Hering in the *Engineering-news record* for June 28, 1919, entitled "Training in Latin and Greek not best for engineers." The writer answers some of Mr. Hering's arguments.

SOCIAL SUBJECTS.

1029. **Purcell, Helen E.** Teaching psychology via life. *Educational review*, 59: 395-400, May 1920.

Advocates the connecting of psychology with life and its practical value. The teaching of psychology has been too abstract and indirect; it should be concrete and direct.

GEOGRAPHY.

1030. **Brown, Robert M.** Fifth-grade geography textbooks: a criticism. *Journal of geography*, 19: 172-85, May 1920.

The writer was awarded a prize of \$100 by the American geographical society for the above-named essay. Criticizes geography teaching in the fifth grade because it spreads before the child a mass of unrelated details on many topics.

MATHEMATICS.

1031. **Breslich, E. R.** Junior high school mathematics. *School review*, 28: 368-78, May 1920.

Says that the algebra and geometry of the junior high school should deal with concrete problems; problems of the classroom, home, field, and park.

1032. **Eaton, Edith St. J.** Some applications of the project method in high school mathematics. *School science and mathematics*, 20: 443-47, May 1920.

Contends that projects give comparatively little training in true mathematical thinking; the pupil acquires mathematical facts but not mathematical reasons. But says that the project method can be made a valuable supplement to instruction in mathematics.

SCIENCE.

1033. **Brownell, Herbert.** The rôle of laboratory work in general science, and the teacher training it involves. *General science quarterly*, 4: 389-99, March 1920.

Given before the Central association of science and mathematics teachers, Chicago, November 29, 1919.

1034. **Burlingame, Leonas L., and Martin, Ernest G.** General biology and the junior college. *Science, n. s.* 51: 452-55, May 7, 1920.

Emphasizes the need of a course in general biology in junior colleges.

1035. **Crew, Henry.** The problem of the history of science in the college curriculum. *Scientific monthly*, 10: 476-81, May 1920.

Advocates the need of early courses in the history of botany, zoology, chemistry, and physics, in addition to the numerous historical courses already offered in other branches of the modern quadrivium.

1036. **Derôme, Juvénal.** L'enseignement des notions scientifiques à l'école primaire élémentaire. *Revue pédagogique*, 76: 235-66, April 1920.

1037. **Eaton, Joseph J.** Minimum essentials of a course of science in a machine shop, vocational school. *Manual training magazine*, 21: 301-305, May 1920.
1038. **Grier, N. M.** The range of information in biology. III. Botany. *Journal of educational psychology*, 10: 509-16, December 1919.
References: p. 516.
"One hundred common terms in first-year botany were given to over 180 high school pupils, and the results are compared with those of similar tests in zoology and physiology already reported. The author concludes that the fundamental conceptions of botany are more familiar to high school pupils than are those of zoology and physiology."
1039. **Hunter, George W.** The relation of general science to biological science in the secondary school. *General science quarterly*, 4: 381-89, March 1920.
Given before the annual meeting of the Minnesota educational association at Minneapolis, Minn., November 7, 1919.
1040. **Pieper, Charles J.** Fundamentals in method—old and new. *School science and mathematics*, 20: 400-15, May 1920.
Discusses instruction in chemistry: the laboratory method and its abuse.
1041. **Euch, G. M.** The general science of the future. *School science and mathematics*, 20: 423-32, May 1920.
Says the ability of general science to work out a better method of instruction than the special science of the past will be its only chance for the future in the curriculum. Discusses general science for junior high school grades, etc.

NATURE STUDY.

1042. Nature-study review, vol. 16, no. 4, April 1920. (Bird study number)
Contains: 1. W. P. Alexander: Peter—the story of a pet owl, p. 133-35.
2. R. W. Shufeldt: Life history of the black skimmer or scissor-bill, p. 136-40.
3. Anna B. Comstock: Suggestions for a graded course in bird study, p. 147-58.
4. Henry Klein: The belted kingfisher, p. 165-74.

MUSIC.

1043. **Seashore, Carl Emil.** The psychology of musical talent. Boston, New York [etc.] Silver, Burdett and company [1919] 288 p. illus. (incl. music) tables, diagrs. 12". (Half-title: Beverly educational series, ed. by W. W. Charters)
1044. **Woods, Glenn H.** Public school orchestras and bands. Boston, Oliver Ditson company [1920] 198 p. illus. (incl. music) 12".
A manual for the assistance of those interested in instrumental music in the public schools.

ELOCUTION.

1045. **Gosling, Thomas W.** The reorganization of methods of debate in high schools. *English journal*, 9: 210-18, April 1920.
Recommends the open forum as a means of eliminating the defects connected with the present methods of debate. For one thing the open forum prepares the coming generation for intelligent participation in public questions.
1046. **Newcomb, Charles M.** The standardization of first year courses. *Quarterly journal of speech education*, 6: 43-50, April 1920.
Read at the 1919 convention of the National association of teachers of speech in presenting the committee report on the first year course in public speaking.

SAFETY.

1047. **Payne, E. George.** Experimental reconstruction. Arkansas teacher, 8: 16-20, April 1920.
An address delivered before the National education association, Cleveland, Ohio, February 27, 1920.
Tells how St. Louis is reducing the number of accidents by systematic instruction in accident prevention as a part of the instruction in arithmetic, civics, language, reading, etc.
1048. **Whitman, W. G.** Fire hazards and safeguards: suggestions for ten lessons. General science quarterly, 4: 409-19, March 1920.

KINDERGARTEN AND PRIMARY SCHOOL.

1049. **Murray, E. B. and Smith, Henrietta Brown.** The child under eight. London, E. Arnold, 1919. 236 p. 12°. (The modern educator's library. General editor, Prof. A. A. Cock)
1050. **Ray, Annie.** Some modern studies in primary education through the teaching of geography, history and good citizenship. Training school quarterly, 7: 97-107, January, February, March 1920.
Paper read before Primary teachers association, North Carolina Teachers Assembly.
1051. **Save the child for America.** Outlook, 125: 68-69, May 12, 1920.
Discusses the fundamental value of the kindergarten. Illustrated.
1052. **Stoner, Winifred Sackville.** The needed education. Progressive teacher, 26: 37-38, May; 39-40, June 1920.
Early training and care of children.
1053. **Temple, Alice.** The kindergarten—primary unit. (Part 2.) Elementary school journal, 20: 618-27, April 1920.
Discusses language activities in the kindergarten-primary period: Conversation: group composition: and reading in the first grade, etc.

RURAL EDUCATION.

1054. **Betelle, James O.** Rural schools for state of Delaware. American school board journal, 60: 51-55, 117, May 1920. plans.
One and two teacher buildings.
1055. **Crawford, E. P.** The school of the future. Journal of education, 91: 507-509, May 6, 1920.
The consolidation of schools.
1056. **Galpin, C. J.; Davies, G. W., and Wyman-Stone, Grace.** Social surveys of rural school districts: how made and how utilized. Madison, Wis., Extension service of the College of agriculture, University of Wisconsin, 1920. 24 p. illus. 8°. (Circular 122. February 1920)
1057. **Gt. Brit. Board of education. Welsh department.** The experiment in rural secondary education at Welshpool county school for boys. Welsh department, Board of education. [London, Printed and published by H. M. Stationery office] 1920. 52 p. 8°.
1058. **Klemme, E. J.** The problems of the rural schools. American schoolmaster, 13: 139-44, April 1920.
A paper read before the Washington educational association, at Seattle, Wash.
1059. **Knight, Edgar W.** The consolidation of rural schools. Chapel Hill, N. C., Pub. by the University, 1920. 26 p. 8°. (University of North Carolina extension leaflets, vol. 3, no. 6, February 1920).
Selected references, p. 24-26.

SECONDARY EDUCATION.

1000. **Hatchelder, Nathaniel Horton.** Democracy and education. Atlantic monthly, 125: 651-57, May 1920.
A reply to "Patrons of democracy," an article by Dallas Lore Sharp in the Atlantic monthly, November 1919, p. 649-60. Defends the private school against Prof. Sharp's criticisms.
1001. **Clark, Thomas Arkle.** The high school boy and his problems. New York, The Macmillan company, 1920. 194 p. 12".
CONTENTS.—The high school boy.—The course.—Studies and other things.—Examinations and grades.—The leisure hour.—Books and reading.—Social activities.—Morals and manners.—Choosing a profession.—Going to college.
1002. **Claxton, P. P.** The six-six plan of school organization. Junior high clearing house, 1: 14-16, April 1920.
1003. **New York (City) Board of education.** Bureau of reference, research, and statistics. The junior high school. A list of annotated references to current literature on the junior high school. New York, Board of education, 1919. 51 p. 8". (Bulletin no. 17—1919)
1004. **Vanderlip, Frank A.** Secondary education. Journal of education, 11: 553-55, May 8, 1920.
Suggestions for enriching secondary education. Believes that the creation of ambition and the development of the imagination are of tremendous importance in the education of children.

NORMAL TRAINING.

1005. **Society of college teachers of education.** College courses in education. Committee reports presented as a basis for discussion. Presented at the meeting of the Society of college teachers of education, Chicago, February 24-25, 1919. Marshalltown, Iowa, Marshall printing company [1919] 87 p. 8". (Educational monographs, no. 8)
Contains: 1. W. C. Ruediger: Introductory statement outlining a tentative list of basic courses, p. 5-11. 2. G. M. Wilson: Titles of college courses in education, p. 12-30. 3. Franklin Robbitt: Basis of organization of professional training courses, p. 31-34. 4. G. S. Counts: The general course in secondary education in American colleges and universities, p. 35-42. 5. F. N. Freeman: Courses in educational psychology in colleges, universities and normal schools, p. 43-61. 6. A. J. Jones: Preliminary report of the Committee on the preparation of curricula for the professional training of different types of teachers, p. 62-73.
1006. **Coffman, Lotus D.** Teacher training departments in Minnesota high schools. New York, General education board, 1920. 92 p. front. 12".
CONTENTS.—I. The history of the movement.—II. The teachers of the training departments.—III. The students in high school training departments.—IV. The curriculum.—V. Instruction.—VI. Administration.—VII. Finances.—VIII. What Minnesota superintendents think of the training departments.—IX. Concluding statement.
1007. **Holmes, Henry W.** The normal school curriculum. School and society, 11: 550-55, May 8, 1920.
Abstract of an address given at the Educational congress at the State department of education, Albany, N. Y., May 1919, and at the Educational congress at the State department of education, Harrisburg, Pa., November 1919.
The writer believes that every teacher, in every state, of whatever grade, should have had a four-year course of training of collegiate grade.
1008. **Morgan, J. P.** Normal school attendance. National school digest, 30: 13-16, May-June 1920.
Crisis in attendance at state normal schools. Causes named and remedies suggested.

1069. Ontario. Education department. Catalogue of books, recommended for teachers' institutes by the department of education. Toronto, Printed and published by A. T. Wilgress, 1918. 21 p. 8°.
1070. Sipple, Lealie B. What the state normal schools can and should do for the improvement of rural schools and country life. Rural education, 1: 4-9, March 15, 1920.
An address at the National conference on rural education and country life, Sioux Falls, South Dakota, October 14, 1919.
1071. Swift, Fletcher Harper. The teachers' baccalaureate. Teachers college record, 21: 25-50, January 1920.
1. The origin and present status of teachers' professional degrees.—II. The B. A. as the teacher's professional degree.

TEACHERS' SALARIES AND PROFESSIONAL STATUS.

1072. Conference on rural education. State normal school, Worcester, Mass., March 19, 1920. [Papers.] Education, 40: 527-79, May 1920.
Subject: The teacher crisis.
Contains: 1. W. B. Aspinwall: Address of welcome, p. 527-32. 2. H. S. Gruyer: The close relationship of the community to the problem, p. 323-39. 3. W. C. Ryan, jr.: How will the nation-wide shortage of teachers affect the future of our democracy? p. 540-47. 4. F. W. Wright: The teacher-crisis, p. 548-50. 5. A. H. Wilde: The opportunity for university co-operation, p. 551-58. 6. M. B. Hillegas: The Vermont plan—inspiring and forward-looking, p. 558-70. 7. A. C. Boyden: Teacher-training is indispensable. Shall it be raised to collegiate rank? p. 571-75. 8. G. A. Coe: A basis of appeal to young men and women in the interest of the teaching profession, p. 576-79.
1073. Battenburg, J. P. Teacher shortage—causes and remedies. Journal of the New York state teachers' association, 7: 104-108, April 1920.
Address before the Department of superintendence, National education association, Cleveland, 1920.
1074. Connor, William L. A new method of rating teachers. Journal of educational research, 1: 338-58, May 1920.
1075. Duke, Samuel P. The teacher shortage. Virginia teacher, 1: 61-65, April 1920.
Speaks particularly of conditions in Virginia, the shortage of teachers, the results of the situation and remedies for it.
1076. Hinkle, H. M. Why re-employ our best teachers? American school board journal, 60: 43-44, 119, May 1920.
Some opinions of leaders in educational thought on the subject of retaining teachers who have proven satisfactory rather than getting other teachers.
1077. Hurt, H. W. A brief study of college salaries. Educational foundations, 31: 401-407, March 1920.
1078. Jones, Olive M. Should teachers affiliate with organized labor? Journal of education, 91: 451-52, April 22, 1920.
The writer, who is the daughter of a laborer, believes in organization for teachers but not in affiliation with the American federation of labor.
1079. Lowery, J. G. The attitude of college students toward teaching. School review, 28: 379-82, May 1920.
Study based on questionnaire presented to the students of Muskingum college, New Concord, Ohio.
1080. Manuel, Herschel T. Save the schools. School and society, 11: 493-95, April 24, 1920.
The scarcity of trained teachers and what can be done to remedy the situation.

1081. **Minnesota. Department of education.** Teacher shortage and salaries. Report of proceedings by State board of education. St. Paul. 1920. 24 p. 8°.
1082. **Osburn, W. J.** The personal characteristics of the teacher. *Educational administration and supervision*, 6: 74-85, February 1920.
The most important personal characteristics of successful teachers.
1083. **O'Shea, M. V.** The outlook for the teaching profession. *Normal instructor and primary plans*, 29: 18, 60, May 1920.
The writer says that there is no profession which is now so much in the public mind as teaching. The need of increased salaries is recognized and communities in general are answering the demand.
1084. **Peters, B. F.** Why professional growth is painful to the ordinary teacher. *American school board journal*, 60: 45-46, May 1920.
Discusses some conditions that make personal development of teachers improbable if not impossible, such as lack of time, lack of incentives, long periods of satisfactory service, dependence on textbooks, and too much uniformity in school policies.
1085. **Sharp, G. Ray.** How shall teachers organize? *Educational issues*, 1: 88-91, April 1920.
Believes in teachers organizing but not affiliating with American federation of labor.
1086. **Smith, H. P.** How far can teachers' organizations go and be professional? *Midland schools*, 34: 279-81, April 1920.
Paper read before the Iowa superintendents' club, November 5, 1919.
1087. **Smith, Henry Louis.** The teacher's personality. *American teacher*, 9: 79-82, April 1920.
Discusses four characteristics of strong, inspiring personality of teachers: (1) A warm responsive heart. (2) Forcefulness. (3) Vision, and (4) Habit of constant growth.
1088. **Stewart, Isabel M.** How to attract more capable women for the teaching field. *American journal of nursing*, 20: 634-39, May 1920.
1089. **Taft, Helen.** A square deal for the teacher. *Journal of education*, 91: 423-24, April 15, 1920.
In the Green book magazine.
The salaries of college teachers.
1090. **Wilson, H. B.** The participation of the teaching staff in school administration. *Educational administration and supervision*, 6: 61-67, February 1920.
1091. **Wooster, Lorraine Elizabeth.** The problem of an adequate number of adequately trained teachers. *Wyoming school journal*, 16: 232-35, April 1920.
Address before the Conference of state superintendents, February 26, 1920.

HIGHER EDUCATION.

1092. **Association of colleges and secondary schools of the Southern states.** Proceedings of the twenty-fourth annual meeting, Louisville, Ky., December 4-5, 1919. New Orleans, Tulane university press [1920] 83 p. 8°. (E. A. Bechtel, secretary, Tulane university, New Orleans, La.)
Contains: 1. C. G. Maphis: Shall we restate our educational aims and revise our educational practice as a result of the revelations of the great world war? p. 31-48. 2. R. P. Capen: Implications of war experience for colleges of liberal arts, p. 48-55. 3. C. H. Judd: Departments of education in colleges and universities, p. 55-61. 4. J. W. Carr: The need for physical education, p. 61-69. 5. Emille W. McVea: The present curricula of colleges for women, p. 72-79.

1003. National conference committee on standards of colleges and secondary schools. Minutes of the thirteenth conference . . . held at New York, N. Y., March 23, 1920. 6 p. 8°. (F. W. Nicolson, secretary, Wesleyan university, Middletown, Conn.)
1004. North central association of colleges and secondary schools. Proceedings of the twenty-fourth annual meeting . . . March 20-22, 1919, Chicago, Ill. Pub. by the Association, 1919. 164 p., [47 p.] 8° (H. M. Gage, secretary, Huron College, Huron, S. Dak.)
 Contains: 1. J. B. Davis: The relations of the junior college to the high school and to the community, p. 33-39. 2. G. E. Maxwell: Standards in practice teaching, p. 39-41. 3. A. A. Reed: Federal co-operation in teacher placement, p. 43-51. 4. George Buck: Our mutual relationship, p. 57-64. 5. P. R. Kolbe: Non-government agencies and movements in education, p. 64-76. 6. L. D. Coffman: The influence of the war on the public schools, p. 76-83. 7. J. B. Davis: Influence of the war on vocational guidance in high school, p. 84-99. 8. F. C. Pickell: Socialized instruction in the high school, p. 99-110. 9. J. M. Wood: report of the junior college sub-committee, p. 110-19. 10. Directory standards, statistical analysis and list of accredited secondary schools . . . also the special study respecting the effect of the war on secondary schools in North central association territory. 47 unnumbered pages following p. 164.
1005. Atkinson, Alfred. Inaugural address. Inter-mountain educator, 15: 291-97, March 1920.
 Address of the president of the Montana state college of agriculture and mechanic arts, at Bozeman, January 14, 1920.
 The needs of the times and the place of Montana state college in contributing to the solution of many scientific problems.
1006. Bevan, Ralph H. Permanent peace and the Rhodes scholarships. Outlook, 125: 164-66, May 26, 1920.
1007. Brannon, Melvin A. Some difficulties and joys of a college president. Quarterly Journal of the University of North Dakota, 10: 314-19, April 1920.
1008. Corwin, Robert N. The problem of the liberal arts college. Educational review, 59: 368-80, May 1920.
 Advocates the liberal arts courses as making for character and mental stability.
1009. Garth, Thomas Russell. How college students prepare their lessons. Pedagogical seminary, 27: 90-98, March 1920.
 The experimental determination and evaluation of the methods of study of three groups of college students taken as representative of the great body of students in American colleges.
1100. Harker, Joseph B. Making the schools and colleges of Methodism fully efficient. Christian student, 21: 6-20, February 1920.
 The minimum academic and financial standards for an efficient college, the present condition of Methodist colleges, and how efficiency can be secured.
1101. Hughes, R. M. Adequate support of higher education from the standpoint of the state. School review, 28: 350-59, May 1920.
 Discusses the question under three heads: (1) Regular instruction of students resident at state institutions; (2) extension teaching; (3) expert advice and guidance of all or part of the activities of the state by specialists employed by the university.
1102. Jameson, J. Franklin. An international council of scholars. American review of reviews, 61: 526-27, May 1920.
 An account of the international union of academics, which together with the international research council will have its headquarters in the "Palace of academics" at Brussels. American scholars are represented in the Union through the American council of learned societies, a federation of eleven national societies of specialists devoted to humanistic studies.

1103. **McConaughy, James L.** The college and the economic situation. *Educational review*, 59:361-67, May 1920.
Advocates the supremacy of the Christian, or denominational college, over the non-sectarian college as an institution for training character. Discusses the inadequacies of salaries of professors and teachers.
1104. **McVey, Frank L.** The office of university president. *Quarterly journal of the University of North Dakota*, 10:303-13, April 1920.
Subjects discussed are Evolution of the office, Selection of presidents, Tenure of office, Board of trustees, Teaching staff, Faculty as the essential element, Academic freedom, Budget, appointments, and salaries, University plant, President and students, Alumni, and The office and the public.
1105. **Pastow, L. J.** The liberal arts. *University of California chronicle*, 22:168-73, April 1920.
Thinks that in the University of California the name College of letters and science should be discarded for College of liberal arts. Everywhere such colleges should be called the Colleges of liberal arts and there should be but one degree given and that the Bachelor of arts. Our task is to determine what are the liberal arts which should lead to a Bachelor of arts degree.
1106. **Stearns, Wallace N.** The university man in "Y" war work. *Quarterly journal of the University of North Dakota*, 10:336-46, April 1920.
1107. **Stevenson, J. J.** Academic unrest and college control. *Scientific monthly*, 10:457-65, May 1920.
Among the suggestions offered for allaying the unrest are the following: Close contact of professors and trustees; where several schools exist, an intimate bond should unite the faculties; careful selection of trustees and professors; work in each department should be carefully supervised; payment of just salaries.
1108. **The university president.** *Review*, 2:410, 412, April 17, 1920.
Requisites for a successful university president; selection of professors, etc. Recommends limiting the tenure of office of president to four or six years.

SCIENTIFIC RESEARCH.

1109. **Harper, E. A.** The stimulation of research after the war. *Science*, n. s. 51:473-78, May 14, 1920.
1110. **Merriam, John C.** The function of educational institutions in development of research. *University of California chronicle*, 23:133-43, April 1920.

SCHOOL ADMINISTRATION.

1111. **National association of school accounting and business officials of public schools.** Report of the eighth annual meeting . . . Cleveland, Ohio, May 20-22, 1919. 109 p. 8°. (George F. Womrath, secretary-treasurer, Minneapolis, Minn.)
Contains: 1. E. M. Brown: Stocking and distribution of school supplies, p. 6-11. 2. Preliminary report of Committee on janitorial service, p. 12-22. 3. Report of progress by Committee on janitorial service, p. 22-30. 4. D. D. Hammelbaugh: The reorganization of the public school business system of a small city, p. 35-38. 5. H. W. Anderson: School bonds, p. 39-42. 6. H. E. Bonner: Compulsory attendance laws, p. 48-58. 7. H. C. Case: A uniform system of school accounting, p. 59-67. 8. W. R. McCornack: School buildings as they are and as they should be, p. 69-73. 9. Irving Cooper: Economies gained in standardising schoolhouse plans, p. 78-87. 10. Report of the Committee on standardisation of school building measurements and cubical contents, p. 89-91. 11. E. C. Baldwin: Two systems of heating and ventilation, p. 92-102.
1112. **Brooms, Edwin C.** Strengthening the superintendency. *American school board journal*, 60:47, May 1920.
The school board and the superintendent. Considers measures of strengthening the superintendency—personal and professional qualifications of the superintendent, selection and term of office and powers and duties of the office.

1113. **Burris, W. P.** A federal department of education. *Elementary school journal*, 20: 600-9, April 1920.
 -Writer is opposed to the administration of such a department by a secretary of education to be appointed by the President as a member of his cabinet. Commends the invaluable work of the Bureau of education.
1114. **Capen, Samuel P.** Pending federal legislation. *Elementary school journal*, 20: 584-92, April 1920.
 An address delivered before the Society of college teachers of education, February 23, 1920, at Cleveland, presenting a critical study of some of the educational bills now before Congress. Of the eighty bills, the writer says that twenty or more are extremely important because they "embody large issues of national policy." He thinks that three of them will probably pass the present Congress. They are as follows: (1) The Wadsworth army reorganization bill, carrying the provision for universal military training; (2) the Kenyon-Vestal bill for Americanization and the eradication of illiteracy; and (3) the Fess bill for the rehabilitation of industrial cripples.
1115. **Gaylor, C. W.** The cleavage in the public schools. *School and home education*, 39: 210-13, May 1920.
 Sets forth objections to the dual system of administering the elementary and high schools of a community. Says in conclusion that after careful consideration it seems unwise and undesirable to separate the local schools of a community into two separate systems under two Boards of Education and supervised by two supervising officers.
1116. **Judd, Charles H.** Desirable amendments of the Smith-Towner bill. *Elementary school journal*, 20: 610-17, April 1920.
 Asks for a redrafting of the bill in some of its major sections. Says that the original draft was made as an emergency measure in the midst of the war, and is open to grave objections.
1117. **Marsh E. O.** School budgets and taxation. *American school board journal*, 60: 38-39, May 1920.
 Paper read before the Michigan association of school boards and superintendents, May 29, 1920.
 Essentials of budget making, function of budgets, etc.
1118. **Shawkey, M. P.** Financing a modern school program. *Journal of the New York state teachers' association*, 7: 100-104, April 1920.
 Address before the Department of superintendence, National education association, Cleveland, 1920.
 The need for large sums of money for the schools and the views of state superintendents as to how the money should be obtained. Sixteen feel that the state ought to bear most of the burden, six favor joint state and national action, while none feel that the Federal government should provide the greater part of the increased funds.
1119. **Spokane, Wash.** Public schools. Annual report for the year ending June 30, 1919, and A study of school finances. 56 p. 12°.
1120. **Strayer, George D.** Why we need a secretary of education. *Elementary school journal*, 20: 593-99, April 1920.
 A strong plea for the establishment of a federal department of education with a secretary in the President's cabinet. Reviews the provisions on the subject of the Smith-Towner bill now pending in Congress. The text of this bill is printed in full on pages 575-83 of the same issue, of the *Elementary school journal*.
1121. **Swift, Fletcher Harper.** Existing educational inequalities. *American school board journal*, 60: 29-30, May 1920.
 The inequalities of educational opportunities due to local support and local domination. Thinks the state should bear between 65 and 75% of the cost of education.

SCHOOL MANAGEMENT.

1122. **Alfonsi, Alfonso.** L'efficacia educativa del dolore. *Rivista pedagogica*, 13: 36-50, January-February 1920.
The educational effect of pain when inflicted as a punishment for misconduct.
1123. **Corson, David B.** Classification of pupils. *Educational administration and supervision*, 6: 86-93, February 1920.
Classification and grading of pupils in the schools of Newark, N. J.
1124. **Edmunds, S. H.** A principal's duties and responsibilities. *High school quarterly*, 8: 162-66, April 1920.
1125. **Hall-Quest, Alfred L.** Supervised study in the grades. *American education*, 23: 396-401, May 1920.
Address delivered at the Cleveland meeting of the Department of superintendence, National education association.
1126. **Layton, Warren K.** A tendency in the grading and promotion of pupils. *School and home education*, 39: 213-18, May 1920.
Examines a number of educational innovations which have attracted attention and interest from time to time, and then considers the tendency toward a new basis for grading and promotion which has apparently been embodied in these changes.
1127. **Roem, S. O.** Supervised study as a school project. *Junior high clearing house*, 1: 23-24, April 1920.

SCHOOLHOUSES AND GROUNDS.

1128. **Keene, Marcel S.** A new method of air conditioning in school buildings. *American city*, 22: 423-31, April 1920.
Experiment with ozone apparatus tried in the schools of St. Louis, Mo.
1129. **Lewis, S. R.** Air conditioning in school buildings. *School science and mathematics*, 20: 448-54, May 1920.
Concludes that mechanical ventilation is indispensable. In no other way can the positive air movement be insured.

SCHOOL HYGIENE AND SANITATION.

1130. **Fronczak, Francis E.** School hygiene. *Public health nurse*, 12: 418-22, May 1920.
Presidential address, 12th Congress of the American school hygiene association, Cleveland, February 24, 1920.
1131. **McCurdy, J. H.** Essentials of a state health program. *High school quarterly*, 8: 148-54, April 1920.
Paper given at Cleveland, February 25th, 1920, before the State high school supervisors association.
Resolutions recommended: (1) Secure careful health examinations at least of all pupils who are below the average in mental or physical capacity; (2) Urge the organization of adequate required courses of health instruction and physical education practice under competent supervision; and (3) Urge the adoption of physical efficiency tests for all students which shall measure annually their strength and skill, endurance and general efficiency.
1132. **Mitchell, David, and Forbes, Harriet.** Malnutrition and health education. *Pedagogical seminary*, 27: 36-66, March 1920.
The organization of nutrition classes, philosophy of nutrition classes, mental ability of undernourished children, and emotional characteristics.
1133. **Multer, W. J.** Dental education in the schools of Nassau county, New York. *Dental cosmos*, 62: 572-78, May 1920.
Says that the school records show that between 90 and 95 per cent of the school children need dental attention. Illustrated.

1134. **Silvester, Austin B.** Malnutrition among school children. *American physical education review*, 25: 157-61, April 1920.
Results of a study of 4,500 school children of Montclair, New Jersey.
1135. **Wallace, J. Sim.** Child welfare and the teaching of certain dentists, school medical officers, medical officers of health and other medical men. London, Baillière, Tindall and Cox, 1919. 102 p. 12°.

PHYSICAL TRAINING.

1136. **Hetherington, C. W.** University professional training courses in physical education. *American physical education review*, 25: 185-97, May 1920.
I. The demand for trained physical educators.—II. The responsibility of universities.—III. The nature of a standard university professional training course.—IV. The organization of the course.
1137. **Repogle, S. H.** Physical education needs and difficulties in county schools. *Mind and body*, 26: 61-66, May 1920.
Read at the annual meeting of the Pennsylvania educational association, Philadelphia, Pa., December 1919.
1138. **Snedden, David.** Problems of physical education. *School and society*, 11: 541-50, 575-82, 601-6, May 8, 15, 22, 1920.
Notes of an address given before the National physical education association, April 9, 1920.
The meaning of physical training, physical training for development, corrective physical training and physical training for life work, etc.

PLAY AND RECREATION.

1139. **Mackay, Constance D'Arcy.** Imaginative recreation in rural districts. *Playground*, 14: 30-37, 83-96, April, May 1920.
Part I deals with commercial recreations and Part II with non-commercial recreation which develops under the leadership of university and college.

SOCIAL ASPECTS OF EDUCATION.

1140. **Ethical culture school, New York City.** Parents and teachers association of the Ethical culture school. New York City [1920] 31 p. illus. 8°.
Suggestions for those wishing to organize parents and teachers associations.
1141. **Hart, William.** They must have espionage. *New republic*, 22: 248-50, April 21, 1920.
Discusses the educational survey of Passaic, N. J., by the U. S. Bureau of education.
1142. **Leavell, B. H.** The Capleville spirit, and how it grew. *Outlook*, 124: 760, 764-65, April 23, 1920.
Account of a constructive community building in Capleville, Tenn. Describes the social, religious, and educational interests of the community.
1143. **Mecklin, John M.** An introduction to social ethics; the social conscience in a democracy. New York, Harcourt, Brace and Howe, 1920. ix, 446 p. 8°.
Chapter XVI of Part III of this book deals with The school and the social conscience, including the social function of the school, the democratic ideal in education, the school and moral discipline, and academic freedom.
1144. **Norton, Mrs. J. C.** The Mothers' congress and parent-teachers' association. President's annual address, Phoenix, Arizona, March 9, 1920. *Arizona teacher*, 5: 23-26, March 1920.
Religion, politics, education, and civics as factors in child welfare and the responsibility of the home in improving conditions along these lines.

1145. **Perry, Clarence Arthur, comp.** School center gazette, 1919-1920. New York city. Department of recreation, Russell Sage foundation, 1920. 55 p. 8°. Contains a list of school centers open season of 1919-20, with statistics of the same.

MORAL EDUCATION.

1146. **Claxton, Philander Priestley.** The moral element in public education. In Third World's Christian citizenship conference. Addresses, 1919. Pittsburgh, Pa., National reform association, 1920. p. 305-13.

RELIGIOUS EDUCATION.

1147. **Cope, Henry Frederick.** Education for democracy. New York, The Macmillan company, 1920. 275 p. 12°. Gives attention to democracy as a religious ideal, and to spiritual values in school studies and school activities.
1148. **Dickerson, Roy E.** A neglected phase of religious education. Biblical world, 54: 263-67, May 1920. Course of study based on the facts of science and philosophical conclusions drawn from them. Evidences of plan and purpose in the universe.
1149. **Diffendorfer, Ralph E.** The church and the community. New York. Pub. jointly by Council of women for home missions and Interchurch world movement of North America [1920] xii, 177 p. 12°. Chapter VI of this book contains material on schools.

MANUAL AND VOCATIONAL TRAINING.

1150. **Western drawing and manual training association.** Annual report, 1919. Grand Rapids, Mich., Pub. by the Association [1919] 244 p. 8°. (Bulletin, vol. 3, no. 4) (L. R. Abbott, secretary, Grand Rapids, Mich.)
Contains: 1. I. S. Griffith: President's address, p. 22-28. 2. W. B. Owen: Controlling ideas in educational reconstruction, p. 28-38. 3. R. W. Selvidge: New ideals in vocational education suggested by the Student army training corps, p. 40-48. 4. C. N. Wertz: New ideals in art teaching suggested by the war, p. 48-54. 5. Emma M. Church: A plan for national university of the arts, p. 55-68. 6. C. A. Bennett: A national school of industrial art, p. 69-77. 7. Lionel Robertson: The young designer in industry, p. 77-85. 8. Edna N. White: Reconstruction phases of household arts, p. 103-10. 9. Katherine M. Lester: An appreciation of Greek sculpture p. 110-28. 10. A. F. Siepert: Committee report on standards and tests in manual arts, p. 132-39. 11. William Varnum: The need and method of teaching freehand drawing in vocational education, p. 146-54. 12. Evelyn H. Jensen: House decoration in theory and practice, p. 155-60. 13. Elizabeth W. Robertson: Reconstruction work in occupational therapy, p. 162-67. 14. John Callahan: Our common schools and vocational education, p. 182-84. 15. James McKinney: Some essentials in teacher training as they apply to trades and industries, p. 185-90. 16. E. T. Filbey: Industrial education vs. industrial training, p. 191-96. 17. W. H. Willard: Standardization of courses in mechanical drawing, p. 197-205.
1151. **Bowman, Clyde A.** Graphic aids in occupational analysis. 11 p. f°. Reprinted from Industrial-arts magazine. An address read at the Conference of manual arts instructors, Cincinnati, December 4, 1919.
1152. **Cooley, E. L.** Problems of the continuation school. Industrial-arts magazine, 9: 175-80, May 1920. Address read before the National society for vocational education, Chicago, February 24, 1920. The place of the continuation school in the whole scheme of education, and some suggestions as to what the special problems are and how they may, at least in part, be met. Also in Wisconsin journal of education, 52: 153-57, 189, May 1920, under the title "The problem of part-time education for employed people."

1153. **Gosling, Thomas Warrington.** The function of part-time continuation schools. *School and society*, 11: 571-75, May 15, 1920.
An address before the National association of secondary school principals at Cleveland, February 23, 1920.
1154. **Rudolph, A. Adele.** Industry as an elementary school subject. *Industrial-arts magazine*, 9: 181-85, May 1920. Illus.

VOCATIONAL GUIDANCE.

1155. **Intercollegiate vocational guidance association.** Summary of fourth convention by Catharine Filene [and some of the papers read at the meeting]. *Journal of education*, 91: 479-88, April 29, 1920.
Contains: 1. J. M. Brewer: The need for vocational guidance in colleges, p. 480-81. 2. Flora Rose: Opportunities in household economics, p. 481-82. 3. Mrs. Arthur Livermore: Politics, a field for women, p. 482. 4. Mrs. E. S. King: Social work as a professional opportunity, p. 483-84. 5. Betsy Campbell: Educational work in stores, p. 485-86. 6. Mildred Nason: Psychiatric social work, p. 486-87. 7. A. W. Browne: Industrial chemistry, p. 487-88. 8. Frances Perkins: Industrial research, p. 488.
1156. **Brewer, John M.** The need for vocational guidance in colleges. *School and society*, 11: 511-17, May 1, 1920.
Address delivered at the Fourth Intercollegiate conference on vocations for women, Cornell University, March 5, 1920.
1157. **Scott, Walter Dill.** Changes in some of our conceptions and practices of personnel. *Psychological review*, 27: 81-94, March 1920.
Address of the president before the American psychological association, Cambridge meeting, December 1919.

AGRICULTURAL EDUCATION; SCHOOL GARDENS.

1158. **Bailey, Liberty Hyde.** The school-book of farming; a text for the elementary schools, homes, and clubs. New York, The Macmillan company, 1920. xi, 388 p., plates, illus. 12°.
Topic 9 of this book deals with the community, including its trades and professions, the community center, the political units, schools, clubs, the church, etc. The remainder of the work is on various aspects of agriculture and stock-raising.
1159. **McCloskey, A.** A garden for a child. *America*, 22: 604, April 17, 1920.
Thinks that a garden is a child's birthright and that the child's garden should be definitely and inviolably his own. Gives some suggestions in the selection of plants that are easy to grow and prolific.
1160. **Patterson, Alice Jean.** Children and gardens. *School news and practical educator*, 33: 510-12, May 1920.
Discusses the five values of garden work, the economic, the ethical, the scientific, the health, and the aesthetic value.

PROFESSIONAL EDUCATION.

1161. **Association of American law schools.** Seventeenth annual meeting, Chicago, Ill., December 30-31, 1919. *American law school review*, 4: 481-538, April 1920.
Contains: 1. H. F. Stone: Address of the president, p. 483-92. 2. O. K. McMurry: The four-year plan at the University of California, p. 492-96. 3. E. R. Miller: The four years course, p. 494-96. 4. Albert Kocourek: Jurisprudence as an undergraduate study, p. 496-500.
1162. **National association of dental faculties.** Proceedings of the thirty-sixth annual meeting held at New Orleans, La., October 18, 1919, and special meeting held at Atlanta, Ga., January 27, 1919. 87 p. 8°.
(Charles C. Allen, secretary, Kansas City, Mo.)

1163. **Society for the promotion of engineering education.** Proceedings of the twenty-seventh annual meeting. . . Baltimore, Md., June 25-28, 1919. Pittsburgh, Pa., Office of the Secretary, 1919. 372 p. 8°. (F. L. Bishop, secretary, Pittsburgh, Pa.)
 Contains: 1. F. J. Goodnow: Address of welcome [Engineering schools] p. 15-23. 2. J. F. Hayford: Reflections of an S. P. E. E. president, p. 28-41. 3. C. F. Allen: The case system for the study of law: what it is, and its bearing on engineering education, p. 42-59; Discussion, p. 60-65. 4. I. N. Hollis: Engineering colleges and administration, p. 66-100. 5. L. L. Thurstone: Mental tests for engineering students, p. 113-14; Discussion, p. 114-21. 6. W. T. Magruder: An experiment in vocational intelligence testing of fourth-year mechanical engineering students, p. 122-28; Discussion, p. 129-58. 7. F. J. Morrow: Military training in engineering schools, p. 159-65. 8. G. R. Chatburn: The Society for the promotion of engineering education. A survey of its past and a reconnaissance of its future, p. 180-219; Discussion, p. 219-23. 9. G. W. Case: Teaching safety in engineering schools, p. 224-34. 10. E. O. Louschner: Degrees, p. 235-40. 11. A. H. Blanchard: Highway transport engineering, p. 244-49. 12. E. J. Kunze: The vitalizing principle in education, p. 250-70. 13. C. P. Bliss: The visual industrial course, inc., p. 271-75. 14. Anson Marston: The effect of the war upon engineering education in the United States, p. 276-85; Discussion, p. 286-91. 15. G. C. Anthony: The new course at Tufts college, p. 298-306.
1164. **Braisted, W. C.** The obligations of medicine in relation to general education. Journal of the American medical association, 74: 1203-15, May 1, 1920.
 President's address before the American medical association, New Orleans, April, 1920.
 Discusses insufficiency of training in hygiene and sanitation. Advocates a national department of health. Emphasizes a higher standard of fitness for medical students; place of Latin and Greek in curricula of medicine, etc.
1165. **Frothingham, Channing.** Mental education and the public. Harvard alumni bulletin, 22: 702-705, April 29, 1920.
 The self-criticism and public spirit which are now so marked a feature of the medical profession. The writer emphasizes particularly the improvement in the standards of medical education and the need for still further improvement.
1166. **Pilcher, Richard B.** The profession of chemistry. London, Constable & company Ltd., 1919. xiv, 199 p. 12°.
 This book gives a concise presentation of the education and training recommended for the profession of chemistry, and of the possible careers open to chemists in England.

CIVIC EDUCATION.

1167. **Dean, William Harper.** I discover my government. II. Red cross magazine, 15: 52-53, 78-79, June 1920. illus.
 This second article in a series treats of the problems which this country presents to our Bureau of education in Washington. What the Bureau of education is and what are its functions.
1168. **Gildemeister, Theda.** The teaching of patriotism. Journal of the New York state teachers' association, 7: 95-99, April 1920.
 Address before the Department of superintendence, National education association, Cleveland, 1920.
1169. **Snedden, David.** The "case group" approach to program of civic education. Historical outlook, 11: 197-99, May 1920.

AMERICANIZATION.

1170. **Shiels, Albert.** A practical and effective programme of Americanization. Journal of the New York state teachers' association, 7: 130-42, May 1920.
 Address before the Department of superintendence, National education association, Cleveland, Ohio.

1171. Talbot, Winthrop, comp. *Americanization; principles of Americanism, essentials of Americanization, technic of race assimilation, annotated bibliography.* 2d ed., rev. and enl. by Julia E. Johnson. New York, The H. W. Wilson company, 1920. lxiv, 373 p. 12°. (The handbook series)

MILITARY TRAINING.

1172. Smith, Edward C. *The S. A. T. C. from the military viewpoint.* *Educational review*, 59: 401-19, May 1920.

Work of the Students' army training corps. Says that from the viewpoint of academic work accomplished, in its brief existence, the S. A. T. C. was not a success; but from the military standpoint it would have attained its purpose.

EDUCATION OF SOLDIERS.

1173. *School life*, vol. 4, no. 8, April 15, 1920. (U. S. Army education number)

Contains: 1. S. G. Blanton and L. K. Koontz: *The Army as a national school*, p. 4-6. 2. P. C. March: *What the Army has to offer young men of character and ambition*, p. 13-14.

TRAINING OF DISABLED SOLDIERS.

1174. Baldwin, Bird T. *The function of psychology in the rehabilitation of disabled soldiers.* Iowa City, Ia., 1920. p. [267]-290. plates. 8°. (Walter Reed monograph)

1175. Gilbreth, Frank B. and Lillian M. *Motion study for the handicapped.* London, George Routledge & sons, ltd., 1920. xvi, 165 p. plates. 8°

1176. Waugh, Frank A. *Occupational therapy in tuberculosis.* *Scientific monthly*, 10: 438-56, May 1920.

Discusses the reconstruction of disabled soldiers, as developed in the military hospitals for tuberculous: vocational, physical, etc. Illustrated.

EDUCATION OF WOMEN.

1177. Blanchard, Phyllis. *The adolescent girl; a study from the psychoanalytic viewpoint.* With a preface by G. Stanley Hall. New York, Moffat, Yard and company, 1920. 242 p. 12°.

CONTENTS.—1. The broader view.—2. The sexual and maternal instincts of the adolescent girl.—3. The adolescent conflict.—4. The sublimation of the libido.—5. Pathological manifestations of libido in adolescent girls.—6. The adolescent girl and love.—7. The adolescent girl and her future.

1178. Phillips, R. Le Clerc. *Women of mark and their education.* *Bookman*, 51: 328-31, May 1920.

The influence of education on talent. Says the higher education has not succeeded, at least so far, in developing originality in women whether of genius or of personality.

1179. Sakamoto, Kiyoshi. *Secondary education for girls in Japan.* *School news and practical educator*, 33: 535-41, May 1920. illus.

NEGRO EDUCATION.

1180. Lyford, Carrie Alberta. *A Hampton girl's training.* *Southern workman*, 49: 200-16, May 1920. illus.

EDUCATION OF DEAF.

1181. **Goldstein, Max A.** The deaf child. *Volta review*, 22: 347-52, June 1920.
1182. **Statistics of speech-teaching in American schools for the deaf.** *Volta review*, 22: 362-75, June 1920.
1183. **Walker, Jane B.** Opportunities for the hard of hearing in New York city. *Volta review*, 22: 307-10, May 1920.
An address at the opening of the lip-reading classes of Evening public school No. 32, New York city.

EXCEPTIONAL CHILDREN.

1184. **Haines, Thomas H.** Detecting the feeble-minded in a city school population. *Journal of educational psychology*, 10: 501-508, December 1919.
An intelligence survey of the school population of Columbus, Ohio. The writer says that such a survey affords indispensable information for the intelligent planning of the education, or preparation for citizenship, of the different parts of a city population.
1185. **Malland, Carl.** Measures for the relief of "hard of hearing" school children. *Child (London)* 10: 289-98, April 1920.
Work in the elementary schools of Copenhagen, Denmark; establishment of a "hard of hearing" school.
1186. **Partlow, W. D. and Haines, Thomas H.** Mental rating of juvenile dependents and delinquents in Alabama. *Journal of applied psychology*, 4: 291-300, December 1919.
Discusses the value of group intelligence rating tests, and the relations of the same to individual examinations made by the Binet-Simon method. Investigations were in the four industrial schools of Alabama.
1187. **Patri, Angelo.** The gifted child. *Red cross magazine*, 15: 37-42, 74, May 1920. illus.
The gifted child in the public school.

LIBRARIES AND READING.

1188. **Glass, Jessie J.** Organizing a high school library for service. *Nebraska teacher*, 22: 414-16, 420, May 1920.
The work of the high school library at Lincoln, Nebraska.
1189. **Penniman, James Hosmer.** The child and the book. I. *School bulletin*, 46: 146-47, April 1920.
The writer says that no part of education has more to do with character building than the inculcating of a love of good literature.

BUREAU OF EDUCATION: RECENT PUBLICATIONS.

1190. **Child health program for parent-teacher associations and women's clubs.** Washington, 1920. 16 p. illus. (Health education no. 5)
1191. **Statistics of state school systems, 1917-18.** Prepared by the statistical division of the Bureau of education under the supervision of H. R. Bonner. Washington, 1920. 155 p. (Bulletin, 1920, no. 11)
Advance sheets from the Biennial survey of education, 1916-1918.
1192. **A survey of education in Hawaii, made under the direction of the Commissioner of education.** Washington, 1920. 171 p. (Bulletin, 1920, no. 16)
Preliminary edition, containing chapters I to IV of final report.