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PUBLICATIONS

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## MONTHLY RECORD OF CURRENT EDUCATIONAL PUBLICATIONS.

Compiled by the Library Division, Bureau of Education.

CONTENTS.—Publications of associations—Educational history and biography—Current educational conditions—Educational theory and practice—Educational psychology: Child study—Special methods of instruction—Special subjects of curriculum—Kindergarten and primary school—Rural education—Secondary education—Teachers: Training and professional status—Higher education—School administration—School management—School architecture—School hygiene and sanitation—Physical training—Social aspects of education—Child welfare—Moral education—Religious education—Manual and vocational training—Vocational guidance—Agricultural education—Home economics—Professional education—Civic education—Military training—Education of women—Education of immigrants—Education of deaf—Exceptional children—Education extension—Libraries and reading—Bureau of Education: Recent publications—Bulletin of the Bureau of Education.

### NOTE.

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.

### PUBLICATIONS OF ASSOCIATIONS.

1439. **Michigan schoolmasters' club.** Journal . . . fifty-first meeting, held in Ann Arbor, March 29-31, 1916. Ann Arbor, Mich., Published by the Club. 182 p. 4°. (L. P. Jocelyn, secretary, Ann Arbor, Mich.)

Contains: 1. M. E. Cooley: Drawing instinct in primitive man, p. 8-12. 2. J. P. Haney: Art in harness, p. 12-17. 3. R. B. Farnum: The purpose of art instruction in American education, p. 18-24. 4. A. S. Whitney: Status of superintendents, principals and teachers of the high schools of Michigan, p. 26-43. 5. E. L. Miller: Latin inside and out, p. 44-51. 6. J. S. Brown: Applied high school chemistry for girls, p. 63-66. 7. H. E. Hammond: Physics for girls, p. 77-81. 8. L. H. Harvey: Revised report of the biology committee of the National education association on the reorganization of secondary education, p. 94-109. 9. E. D. Huntington: Discussion of report on elementary science situation, p. 109-113. 10. Ethel W. B. Chase: Preliminary report on the effect of junior college work upon the high school course in botany, p. 114-117. 11. C. O. Sauer: The condition of geography in the high school and its opportunity, p. 128-29. 12. J. P. Haney: Art teaching in high schools, p. 130-39. 13. E. C. Warriner: The building of school furniture by the manual training department, p. 144-50. 14. W. H. Clark: Building of school furniture by the manual training department, p. 150-53.

1440. **Pennsylvania. University.** Schoolmen's week, April 12-15, 1916. Philadelphia, Pa., The University [1916] 312 p. 12°. - (University bulletins, 16th series, no. 6, pt. 4. August 1916)

Contains: 1. A. J. Jones: Preparation of high school teachers in Pennsylvania, p. 24-36. 2. L. B. King: Normal schools and the preparation of teachers, p. 37-42. 3. Harlan Updegraff: Salaries of teachers in Pennsylvania, p. 43-57. 4. W. S. Hartzog: What the state normal schools should do for the preparation of teachers, p. 60-66. 5. F. P. Graves: What the universities and colleges should do for the preparation of teachers, p. 67-73. 6. F. E. Downes: What the city normal schools should do for the preparation of teachers, p. 74-78. 7. N. C. Schaeffer: Conditioning factors in the education and training of teachers, p. 80-84. 8. F. E. Bayer: Discussion [on normal schools of Pennsylvania] p. 85-93. 9. Carmon Ross: Provision for retarded pupils in Pennsylvania in cities and towns of population of 2,500 and over, p. 118-32. 10. A. Wannar: Standardization of financial items in school records and reports, p. 136-44. 11. L. D. Coffman: Qualities of merit among teachers and rating schemes, p. 149-57. 12. A. S. Cook: Supervision as an essential feature of a county school system, p. 175-82. 13. J. J. Savitz: Supervision of rural schools in New Jersey, p. 183-93. 14. Lida R. Earhart: Some aspects of children's study in the elementary school, p. 204-209. 15. E. E. Wildman: General science course—its character and relation to the physical and biological science courses, p. 223-29. 16. A. F. West: The classics fundamental in liberal education, p. 243-63. 17. G. O. Chambers: The new admission requirements of the University and co-operation with secondary schools in their administration, p. 308-11.

#### EDUCATIONAL HISTORY AND BIOGRAPHY.

1441. **Cajori, Florian.** William Oughtred; a great seventeenth-century teacher of mathematics. Chicago [etc.] The Open court publishing company, 1916. 100 p. 12°.
1442. **Duggan, Stephen Pierce.** A student's textbook in the history of education. New York, Chicago, D. Appleton and company [1916] 398 p. illus. 12°. Contains bibliographies.
1443. **Klatt, Albert G.** A brief survey of the events pertaining to education previous to the organization of Minnesota as a territory. School review, 24: 603-9, October 1916.
1444. **Macpherson, W. E.** The Ontario grammar schools. Queen's quarterly (Kingston, Canada) 24: 193-214, October-December 1916.  
History of secondary education in Ontario. In the year 1871, the name of the old grammar schools was changed to "high schools." Latin was no longer compulsory, and boys and girls were admitted.
1445. **Stark, Herbert A.** Vernacular education in Bengal from 1812 to 1912. Calcutta review, no. 285: 239-81, July 1916.  
Contains: Chapter VI, The Indian education commission of 1882. Chapter VII, The bearing of the recommendations of the Education commission on primary (vernacular) education in Bengal.

#### CURRENT EDUCATIONAL CONDITIONS.

1446. **Atteridge, A. Hilliard.** English education under war conditions. America, 16: 101-102, November 11, 1916.  
How the war has affected elementary schools, higher schools, and professional schools.
1447. **Dewey, John.** Nationalizing education. American school, 2: 232-34, August 1916.  
An address at the meeting of the National education association, New York, July 7, 1916.  
"One of America's great educational leaders discusses the true nationalization of our educational system—how our public schools may help us realize our national ideal."  
Also in Journal of education, 84: 423-28, November 2, 1916.
1448. **Hall, Edwin H.** Notes sur l'enseignement aux États-Unis. Revue internationale de l'enseignement, 36: 343-56, September-October 1916.  
Lectures delivered in French universities during 1914-15 by the author under the auspices of the Harvard foundation. To be continued.

1449. **Hauvette, Henri.** L'Union intellectuelle franco-italienne. Revue internationale de l'enseignement, 36: 357-63, September-October 1916.  
Description of an association which has for its purpose the development of closer relations between France and Italy.
1450. **Kennedy, Joseph.** Educational progress. School education, 36: 3-4, November 1916.  
Tells of the phenomenal progress in nearly all phases of educational development in this country during the last thirty or forty years.
1451. **Matheson, P. E.** Education to-day and to-morrow. Fortnightly review, n. s. 100: 614-21, October 1916.  
Criticism of English national education. Says that school studies must be kept liberal.
1452. **Rockford, Ill. Board of education.** A review of the Rockford public schools. 1915-1916. Issued by the Board of education, Rockford, Illinois. (Rockford, Ill., Rockford printing company, 1916) cover-title, 126 p. illus. 8°.
1453. **Sailer, T. H. P.** Some impressions of education in the far East. International review of missions (Edinburgh) 5: 541-51, October 1916.
1454. **Snyder, Morton.** Schools as a target for critics. Pittsburgh school bulletin, 10: 323-28, November 1916.  
From the New York Times.  
The objections to the experimental method in education and the value of this method.
1455. **Stearns, Alfred S.** Some fallacies in the modern educational system. Atlantic monthly, 118: 641-53, November 1916.  
A reply to Abraham Flexner's "Modern school." Says that Mr. Flexner's theories are mostly based on "pure assumption," some are self-contradictory, many would prove wholly unworkable.

## EDUCATIONAL THEORY AND PRACTICE.

1456. **Conklin, Edwin Grant.** Heredity and environment in the development of men. 2d ed. Princeton, Princeton university press; [etc., etc.] 1916. 550 p. illus. 8°. (Norman W. Harris lectures for 1914 at Northwestern university)  
"References to literature": p. 509-18.
1457. **Craig, Anne Throop.** Instruction and construction. Atlantic educational journal, 12: 130-35, November 1916.  
A plea for an education that will develop the individual's constructive ability.
1458. **Horne, Herman Harrell.** Story-telling, questioning, and studying. Three school arts. New York, The Macmillan company, 1916. 181 p. 12°.
1459. **Kitson, Harry D.** How to use your mind; a psychology of study; being a manual for the use of students and teachers in the administration of supervised study. Philadelphia and London, J. B. Lippincott company [1916] 216 p. 12°.
1460. **Lindsay, Samuel McCune.** The state and education. Teachers college record, 17: 311-29, September 1916.  
Fourth in a series of addresses by various speakers on the basic principles which must underlie a system of education in a democracy.
1461. **Thwing, Charles Franklin.** Education according to some modern masters. New York, The Platt & Peck co. [1916] 296 p. 12°.  
Contains chapters on education according to Emerson, Carlyle, Ruskin, John Stuart Mill, Gladstone, Matthew Arnold, J. H. Newman, and Goethe, with a final chapter of Summary and conclusion.

1462. **Whipple, Guy Montrose.** How to study effectively. Bloomington, Ill., Public-school publishing co. [1916] 44 p. 16°.  
 "The best brief and practical treatment of the subject."—School review, November 1916, p. 702.

## EDUCATIONAL PSYCHOLOGY: CHILD STUDY.

1463. **Conard, H. E. and Arps, G. F.** An experimental study of economical learning. American journal of psychology, 27: 507-29, October 1916.  
 Results of the Courtis tests in arithmetic applied to selected groups of high-school students.
1464. **Courtis, Stuart A.** Measuring the child's capacity. Normal instructor and primary plans, 26: 53-54, 82, November 1916; 45-46, December 1916.  
 The second and third of a series of three articles.  
 Limited to a single phase of one subject, namely, drill work in the four operations of arithmetic, but "the general principles involved are applicable to the teaching of spelling, writing, reading, and many other fundamental subjects." The final article is entitled "Educational diagnosis."
1465. **Dearborn, W. F.; Anderson, J. E., and Christiansen, A. O.** Form board and construction tests of mental ability. Journal of educational psychology, 7: 445-58, October 1916.  
 "A color-form test, five form-board tests, a performance test, and a constructive test are described, and tentative norms are indicated for different ages. Plans are outlined for a graded series of construction tests."
1466. **Douglass, Aubrey Augustus and Dealey, William Learned.** Micro-motion studies applied to education. [Worcester, Mass., 1916] cover-title, p. [241]-261. 8°.  
 Reprinted from the Pedagogical seminary, June 1916, vol. XXIII.
1467. **Graves, S. Monroe.** A study in handwriting. Journal of educational psychology, 7: 483-94, October 1916.  
 "The author secured 604 samples of handwriting from elementary school pupils under controlled conditions, and studied them to discover the relative value of methods which differ in such mechanical factors as slant, spacing, formation of letters, manner of holding the pen, and movement of the arm, hand, and fingers."
1468. **Haberman, J. Victor.** The intelligence examination and evaluation; a study of the child's mind. Second report. Part II. Psychological review, 23: 484-500, November 1916.
1469. **Hudelson, Earl.** Some achievements in the establishment of a standard for the measurement of English composition in the Bloomington, Indiana, schools. English journal, 5: 590-97, November 1916.
1470. **King, Irving and Gold, Hugo.** A tentative standardization of certain "opposites tests." Journal of educational psychology, 7: 459-82, October 1916.  
 "The object of the present study was to take certain lists of words which have been used by various experimenters for opposites tests, to give these tests under the best possible conditions, and to attempt to standardize a list or lists from which one may expect reasonably uniform results; and to standardize the grading of opposites tests by determining the words likely to be given as the opposite of each word, their frequency, and their relative value."
1471. **Leo, Brother.** The art of thinking. Catholic school journal, 16: 229-32, October 1916.
1472. **Lodge, Rupert Clendon and Jackson, Joseph Leonard.** Reproduction of prose passages. Psychological clinic, 10: 128-45, October 15, 1916.  
 Gives the results of tests given to students of the University of Alberta, in various classes.
1473. **Meredith, Christabel M.** The educational bearings of modern psychology. Boston, New York [etc.] Houghton Mifflin company [1916] 143 p. 12°.  
 (Riverside educational monographs)



1474. **Otis, Arthur S.** The reliability of spelling scales, involving a "deviation formula" for correlation. *School and society*, 4: 676-83, 716-22, 750-56, 793-96, October 23, November 4, 11, 18, 1916.  
 "The object of this study was to determine the criteria of merit in spelling scales and by this to judge the relative values of the Starch, Ayres, and Buckingham spelling tests."
1475. **Pitt, St. George Lane Fox.** The purpose of education; an examination of the education problem in the light of recent psychological research. New ed., with preface by Prof. Emile Boutroux. Cambridge, The University press, 1916. 144 p. 12°.
1476. **Smith, James H.** Individual variations in arithmetic. *Elementary school journal*, 17: 195-200, November 1916.  
 Results obtained from using Cleveland arithmetic tests on pupils of the elementary school of the University of Chicago. Purpose of study to determine some of the causes of individual variations in arithmetic and to note the effects of certain corrective exercises.
1477. **Stedman, Henry R.** Mental pitfalls of adolescence. *Boston medical and surgical journal*, 175: 695-703, November 16, 1916.  
 A scholarly and exhaustive study of *dementia precox*, which attacks with great frequency adolescents of marked intelligence and promise. Effects of over-study and poor nutrition discussed.
1478. **Thorndike, Edward L.** English composition; 150 specimens arranged for use in psychological and educational experiments. New York city, Teachers college, Columbia university, 1916. 127 p. 8°.
1479. **Woody, Clifford.** Measurements of some achievements in arithmetic. New York city, Teachers college, Columbia university, 1916. 63 p. diags. 8°.  
 (Teachers college, Columbia university. Contributions to education, no. 80)

## SPECIAL METHODS OF INSTRUCTION.

1480. **Goddard, H. N.** Laboratory teaching. *School science and mathematics*, 16: 710-19, November 1916.  
 Discusses the origin of laboratory work, specific application to laboratory methods, the greatest defect of present laboratory methods, pedagogy of the present plan, and improvement of present methods.
1481. **Haight, Harry W.** The case system of teaching hygiene in graded schools. *Educational review*, 52: 385-91, November 1916.  
 The writer says that the minds of young children in all grades of the public schools are mature enough so that the case system can be used with advantage. It is "the method of choice in teaching hygiene." The term comes from the practice of giving out case records for study and recitation rather than lectures or lessons from a textbook.  
 Continued from *Educational review* for May 1915.
1482. **Rosenberger, W. E.** The problem method in teaching history. *Normal instructor and primary plans*, 26: 33-34, 74, November 1916.  
 Shows how the problem method may be applied to the study of political history, economic and industrial history, and social history.

## SPECIAL SUBJECTS OF CURRICULUM.

1483. **Beach, Frank A.** Music in the normal school. *School music*, 17: 21-27, September-October 1916.  
 Address before the Department of music education of the National education association, July 5, 1916.
1484. **Bovée, A. G.** French phonetic training in the University high school. *School review*, 24: 675-79, November 1916.  
 Contains tables of the French vowel sounds and consonant sounds—alphabet of the Association phonétique internationale.

1485. **Breslich, Ernst, and others.** Course of study in secondary mathematics in the University high school, the University of Chicago. School review, 24: 648-74, November 1916.  
An elaborate exposition of the subject. Discusses the problem of mathematical reorganization along the lines of correlation.
1486. **Brown, Gladys Arthur.** Instrumental music in our public schools. Music supervisors' journal, 3: 12, 14, 16, 18, November 1916.  
To be concluded in January issue.  
A questionnaire was sent to 200 music supervisors inquiring (1) about their instrumental organizations and whether they give credit for the work, and (2) about crediting outside instrumental lessons. The results of this investigation are given.
1487. **Brown, Robert M.** Questioning in geography. Education, 37: 167-73, November 1916.  
A plea for improving the art of questioning in geography. Discusses the various methods in vogue.
1488. **Coulter, John G.** Present tendencies in teaching elementary science. Educational review, 52: 357-71, November 1916.  
A paper read before the Biology teachers' association of New York, March 3, 1916.  
Discusses the two-year plan, the most conspicuous and influential example of which is the one embodied in the report of the biology committee of the National education association. What has been accomplished in New York.
1489. **Cushing, Sumner W.** High-school commercial geography. Journal of geography, 15: 87-91, November 1916.  
Prepared for a Bulletin on commercial education to be issued by the Massachusetts Board of education.
1490. **Fillers, H. D.** A concrete investigation of oral and written errors in grammar. Texas school journal, 34: 11-15, October 1916.
1491. **Game, Josiah Bethea.** Teaching high-school Latin; a handbook. Chicago, Ill., The University of Chicago press [1916] 125 p. 12°.  
Contains bibliographies.
1492. **Giles, F. M.** The teaching of commercial geography. School review, 24: 596-602, October 1916.  
Discusses a line of development followed in the De Kalb Township high school, in the past four years, in working over the subject of commercial geography. Gives an outline for teaching commercial geography.
1493. **Gray, William S.** A study of the emphasis on various phases of reading instruction in two cities. Elementary school journal, 17: 178-86, November 1916.  
Discusses the recent studies of reading made in connection with the Cleveland survey and the St. Louis survey. A comparison of the methods in vogue in the two cities shows "the need of additional emphasis on thoughtful mastery of the printed page on the part of Cleveland."
1494. **Highsaw, James Leonard.** Interscholastic debates in relation to political opinion. Quarterly journal of public speaking, 2: 365-82, September 1916.  
This paper is an abstract of a thesis accepted by the University of Wisconsin Department of political economy for the degree of Master of arts.  
Shows how the interscholastic high school debate influences political opinion.
1495. **Klapper, Paul.** The teaching of arithmetic, a manual for teachers. New York, Chicago, D. Appleton and company [1916] 387 p. 12°.
1496. **Leonard, Sterling Andrus.** The correction and criticism of composition work. English journal, 5: 598-604, November 1916.  
Address given before the National council of teachers of English, New York City, July 7, 1916.  
Adapted from chapters 3 and 4 of English composition as a social problem, in publication as a Riverside educational monograph.



1497. **Little, Vivian Gray.** Music in schools and colleges. A ten-years' survey. A selected bibliography. Edited and expanded by Peter W. Dykema. Music supervisors' journal, 3: 7-10, November 1916.  
To be continued.  
This bibliography was prepared as a thesis in the library school of the University of Wisconsin in June, 1916.

1498. **Peet, Charles E.** Results of an investigation on the present status of high school physalography. School science and mathematics, 16: 702-709, November 1916.

1499. **Perkins, Albert S.** The Dorchester experiment in vocational Latin: a report of progress. Classical journal, 12: 131-44, November 1916.  
Read before the annual meeting of the Classical association of New England, 1916.

1500. **Pinloche, A.** Faut-il supprimer l'allemand, ou quelle place lui donner? Revue de l'enseignement des langues vivantes, 33: 345-52, August-September-October 1916.

The author states that whether the German language is loved or not the knowledge of it is a necessity. He considers it from three points of view, the practical, pedagogic, and its value for "candidates."

1501. **Ripley, Frederick H.** Absolute music in the elementary school. School music, 17: 8-14, September 1916.  
Address delivered before the Department of music education of the National education association, July 5, 1916.

1502. **Schütz, Marcel.** L'enseignement de l'allemand après la guerre. Revue de l'enseignement des langues vivantes, 33: 337-44, August-September-October 1916.

The author maintains that German should be taught in French schools not only because it is inoffensive but because even from a national standpoint it is useful, necessary, and indispensable.

1503. **Sears, Louis M.** Content and method in industrial history. School review, 24: 680-91, November 1916.

1504. **Smith, Myra A.** Debating problems in high school and college. Education, 37: 160-66, November 1916.

Writer says that the quality of the debating in intercollegiate contests has invariably improved since many of the colleges have dispensed with all faculty coaching.

1505. **Tryon, R. M.** Household manufactures in the United States: a quarter-century of developments. Elementary school journal, 17: 163-77, November 1916.

This article is Chapter 4 of a forthcoming work by the writer on the History of household manufactures in the United States, 1640-1800. Illustrates "the trend of modern historical studies toward a consideration of economic and social facts rather than toward a treatment of political occurrences as the sole content of history." To be continued.

1506. The war and the professor of literature. Unpopular review, 6: 367-80, October-December 1916.

Professors of literature as interpreters of the spirit of a nation.

#### KINDERGARTEN AND PRIMARY SCHOOL

1507. **Hill, Mary D.** The educational values which the child carries over from the kindergarten into the primary grades. Kindergarten and first grade, 1: 371-75, November 1916.

Paper read at National education association convention, New York.

1508. **Kready, Laura F.** *A study of fairy tales.* Boston, New York [etc.] Houghton Mifflin company [1916] xvii, 313 p. 12°. Introduction by Henry Suzzallo, president of the University of Washington. Presents a single month of children's literature, Fairy tales, with the aim of organizing this small portion of the curriculum for the child of five, six, or seven years, in the kindergarten and first grade.
1509. **Montessori, Maria.** Education in relation to the imagination of the little child. Kindergarten-primary magazine, 29: 84-86, November 1916.

## RURAL EDUCATION.

1510. **Virginia. University.** Rural life conference. Proceedings of the ninth Rural life conference, held at the University of Virginia summer school, July 17-21, 1916. Charlottesville, Va., University of Virginia press, 1916. p. 417-96. 8°. (Alumni bulletin of the University of Virginia, vol. 9, no. 4, August 1916)  
Contains: 1. G. P. Mayo: The call of the mountains to the church and state, p. 421-30. 2. J. H. Binford: An ideal system of country schools, p. 440-47. 3. Miss Willie R. Young: The girl in the country, p. 462-64. 4. C. W. Thompson: Rural organization problems, p. 465-70. 5. J. T. Watts: The achievements of the country Sunday school, p. 476-79. 6. A. L. Hall-Quest: The personality of the teacher, p. 480-87. 7. W. M. Forrest: Bible courses for high school students, p. 492-96.
1511. **Grote, Caroline.** The Illinois rural school survey. Illinois teacher, 5: 48-51, November 1916.  
Continued from October number, and still uncompleted. This section deals with methods of instruction and training of teachers.

## SECONDARY EDUCATION.

1512. **Aldrich, F. R.** The distribution of high-school graduates in Kansas. School review, 24: 610-16, October 1916.  
Writer says that the two main functions of the high schools in Kansas are to prepare the graduate to teach and to fit him to enter the liberal arts colleges.
1513. **Ayer, Fred C.** High school efficiency—how rated? School review, 24: 584-95, October 1916.  
Gives in brief form a score card for school buildings and equipment. Presents a bibliography, p. 594-95; also an analytical outline of high-school efficiency. This paper was read at the University of Oregon conference, June 1916.
1514. **Churchill, Thomas W.** Making the high school democratic. School review, 24: 569-73, October 1916.  
Discusses the newer ideals of education; extension of high school work among the masses. Considers the activities of the Washington Irving high school, New York city.
1515. **Griffin, Orwin Bradford.** The junior high school. Journal of education, 84: 399-402, October 26, 1916.  
A topical outline dealing with the reasons for the junior high school, its advantages and organization.
1516. **Inglis, Alexander J.** The junior high school. Some principles affecting its organization and administration. Harvard teachers' association leaflet, 2: 1-9, October 1916.  
Discusses (1) Principles arising out of the nature of the pupils, (2) Principles arising out of social demands, (3) Principles arising out of the means available.
1517. **Kohl, Clayton C.** The weaknesses of high school instruction. Bulletin of the High school teachers association of New York city, no. 63: 1-20, September 1916.

1518. **Rutherford, W. B.** The junior high school. Oregon teachers monthly, 21: 149-51, November 1916.  
Discusses the organization, course of study, teacher and material equipment of the junior high school.
1519. **Rynearson, Edward.** Socialization of the high school. School review, 24: 992-700, November 1916.  
Says that the great need in our changing social life is "an equipment for the right use of leisure." Shows what the high school can accomplish in this direction. Discusses the subjects which should be included in the course of study, etc.

## TEACHERS: TRAINING AND PROFESSIONAL STATUS.

1520. **Ayer, Fred C.** Training teachers of sex hygiene. Oregon teachers monthly, 21: 135-41, November 1916.
1521. **Chambers, Will Grant.** The professional school vs. the college in the training of secondary teachers. School and society, 4: 647-58, October 28, 1916.  
The writer says that "a junior college course of two years followed by three years in a school of education would yield better results than a four years' college course followed by a graduate year in education."
1522. **Childs, Edward P.** The selection of teachers. American school board journal, 53: 17-19, 70-71, November 1916.
1523. **Church, Clarence C.** The rural teacher's opportunity for leadership. American schoolmaster, 9: 337-46, October 1916.  
Gives suggestions of the large opportunities offered by the country school to teachers who have the knack and taste for leadership.
1524. **Corbett, Henry R.** Pensions for teachers. Northwest journal of education, 28: 106-108, November 1916.  
Deals with the nature of teachers' pension funds and some of the general laws inherent in their operation.
1525. **Crabtree, James W.** The training of teachers for special branches. American schoolmaster, 9: 347-54, October 1916.  
Address delivered before the general session of the National education association, in New York city, July 4, 1916.
1526. **Gray, A. A.** The teacher's home. Elementary school journal, 17: 201-8, November 1916.  
Says that more married men teachers will go into the country schools if cottages are furnished. Eighty-two per cent of the rural teachers of Denmark are men. Shows what some of the states are doing in providing homes for teachers.
1527. **Guigue, Albert.** L'éducation pédagogique des intérimaires pendant la guerre. Revue pédagogique, 68: 103-41, August 1916.  
A description of the means taken to continue the training of substitute teachers who, because of the vacancies created by the war, have been given positions before completing their normal courses.
1528. **Hall-Quest, Alfred L.** Scales for measuring personality and efficiency. Virginia journal of education, 10: 69-64, October 1916.  
Gives the data by F. L. Clapp, the Ruediger and Strayer scale, the Elliott scale, the Illinois scheme, card of rating at the University of Illinois, and the Waterloo, Iowa, analysis of the teacher.
1529. **Henry, T. S.** Standards of "good form" in classroom teaching. School and home education, 36: 72-77, November 1916.  
Discusses some of the more tangible aspects of "good form" in classroom instruction and, on the negative side, points out "certain practices which are generally considered as evidences of faulty technique."
1530. **High-school salaries.** School review, 24: 632-33, October 1916.  
Tabulation of questionnaires on high-school salaries, furnished by M. S. Clark, superintendent of Sioux City schools, dated May 8, 1916.

1531. Johnston, Joseph H. Teacher-rating in large cities. School review, 24: 641-47, November 1916.

Lays emphasis, in particular, on the new rating-forms just prepared for use in Boston, described as "the most elaborate scheme of teacher-rating yet devised in any school system."

1532. Shurick, Edward Palmes. The teacherage; a pamphlet of valuable information on rural school house construction. [Duluth, Minn., Shurick & Hansen company, 1916] 47 p. illus. (incl. plans) 4°.

1533. What teacher's like. Editorial comment, designed to call attention to a series of significant measuring scales here reproduced. Utah educational review, 10: 7-11, September-October 1916.

Gives the measuring scale of the Utah state department of education, the Institute for public service of New York city, and the measuring scale of Logan, Utah.

#### HIGHER EDUCATION.

1534. Bentley, B. C. The claims of collegiate teaching. School and society, 4: 635-94, November 4, 1916.

Sets forth "certain features of experiment persisted in and continuously modified through several years of work in a college-university course in secondary education."

1535. Dealey, Hermione L. The problem of the college sorority. School and society, 4: 735-40, November 11, 1916.

Gives the arguments for and against the college sorority, and in conclusion says that "Social progress has demonstrated the general wisdom of fair regulation in preference to elimination without adequate analysis of conditions."

1536. Fletcher, Thomas. The Department of school visitation. Texas school journal, 34: 19-22, September 1916.

The purposes, machinery, and work of the Department of school visitation of the University of Texas.

1537. Hayden, Felix. College dramatics. America, 16: 117-18, November 11, 1916.

Criticizes the plays selected for college dramatics and the selections chosen for elocution contests.

1538. Holliday, Carl. The municipal university. American city, 15: 495-503, November 1916.

Treats of the origin, growth, theory and practice, and actual workings of the municipal university. Says that the city is the logical site for a great school, for it is in itself largely a university, with its libraries, museums, hospitals, art galleries, and great industries.

1539. Hopkins, Ernest Martin. The college of the future. School and society, 4: 609-17, October 21, 1916.

Address of the president of Dartmouth college, delivered on the occasion of his inauguration, October 6, 1916.

1540. Lovejoy, Arthur O. The future of the Carnegie foundation. Nation, 103: 417-19, November 2, 1916.

Discusses the recommendations recently made by President Fritchett and published as Bulletin No. 9 of the Carnegie foundation, entitled A comprehensive plan of insurance and annuities for college teachers.

1541. Lowell, A. Lawrence. Scientific study of education. Harvard alumni bulletin, 19: 58-62, October 19, 1916.

Address delivered at the semi-centennial of Carleton college, Northfield, Minn., October 11, 1916.

1542. Lull, Herbert G. Notes on the uncompleted work of a committee on freshman instruction. School review, 24: 574-83, October 1916.

Report of a committee appointed by the president of the University of Washington two years ago.

1543. **Manuel, Herschel T.** Is the college "smoker" a worthy social institution? *School and society*, 4: 699-705, November 4, 1916.

In support of the negative of the question the writer says "first, with reference to the larger group smoking is unsocial; second, the cost of smoking is too great for the returns; third, public smoking tends to be unsanitary; fourth, smoking is unhygienic; fifth, the college smoker tends to spread and make permanent in the lives of students practices which are undesirable, and, finally, such an institution as the smoker is particularly out of harmony with the best ideals of that for which a college should stand."

1544. **Merry, Glenn N.** College plays in the United States. *Quarterly journal of public speaking*, 2: 383-96, September 1916.

Gives a list of plays produced in colleges and universities during the last five years, together with such information as publisher, classification, number of acts, number of stage settings, number of male and female characters, and the percentage of satisfaction which the play gave the community.

1545. **Musselman, H. T.** The place of a state university in the life of the state. *Texas school journal*, 34: 23-26, September 1916.

"The first place of a state university is to train the men and women who enter the professional walks of life, and the second and higher place is to discover and train the great leaders of life." A state university must also carry on some university extension work.

1546. **Oviatt, Edwin.** The beginnings of Yale (1701-1726). New Haven, Yale university press, 1916. xxxi, 456 p. illus. 8°.

1547. **Poole, Murray Edward.** A story historical of Cornell university, with biographies of distinguished Cornellians. Ithaca, N. Y., The Cayuga press, 1916. 227 p. 8°.

1548. **Seligman, E. B. A.** The real university. *Educational review*, 52: 325-37, November 1916.

Defines the university as an institution that endeavors to promote and to impart intellectual freedom; the university is "the emancipator." Says that "the university, through the liberation of the intellect, is humanizing mankind. . . . The imperious demand of the modern community that the university shall render public service and shall be in close touch with every phase of instructed social activity is clearly irresistible."

1549. **Spalding, H. B.** Endowment of men and endowment of money. *Educational review*, 52: 392-402, November 1916.

Discusses the standardization of colleges, etc. The case of the Catholic colleges.

1550. **Thwing, Charles Franklin.** The training of men for the world's future. New York, The Platt & Peck co. [1916] 89 p. 12°.

"The university desires through lasting and fundamental forces so to contribute to the future that the world shall become a condition in which righteousness, both intellectual and moral, shall rule."

#### SCHOOL ADMINISTRATION.

1551. **Baker, George M.** Financial practices in cities and towns below twenty-five thousand. *American school board journal*, 53: 23-25, November 1916.

To be continued.

"This article is the second installment of an important series of papers discussing financial practices of school boards in small cities and villages." Deals particularly with the school budget.

1552. **Kendall, C. N.** Meditation of a member of a board of education. *School news*, 6: 3-4, November 1916.

Gives the ideals and duties of a school-board member.

1553. Six months of school administration in Buffalo under the commission charter, prepared by the publicity committee of the Public education association. *Journal of education*, 84: 339-42, October 12, 1916.

1554. **Truax, Harry E.** Rights of pupils in public schools. *American school board journal*, 53: 28-29, 66-67, November 1916.

One of a series of articles which will be published in book form.

Deals with the right to attend the public schools, segregation of pupils of different races, compulsory school attendance, and tuition.

## SCHOOL MANAGEMENT.

1555. **Brooks, E. C.** The value of home study under parental supervision. *Elementary school journal*, 17: 187-94, November 1916.  
Results obtained in a study of the fourth, fifth, and sixth grades of the city schools of Durham, N. C. Writer concludes that when circumstances make "it impossible for the home to assist in the child's education some provision should be made in school to supply that deficiency without taking over permanently functions that naturally belong to the home."
1556. **Coffman, Lotus D.** Differentiated curriculums versus minimum essentials. *American school*, 2: 264-66, September 1916.
1557. **Du Shane, Donald.** The intermediate grades and departmentalization. *Elementary school journal*, 17: 151-62, November 1916.  
Discusses the results of the departmentalization of the intermediate grades, based on observations made by the writer, on the opinions of departmental teachers, and on interviews with children of these grades. Second article of series.
1558. **Fishback, E. H.** Adapting the work of the seventh and eighth grades to the needs of the children and the community. *Educator-journal*, 17: 132-36, November 1916.  
Gives the academic and manual arts courses which are given in the schools of Hackensack, New Jersey.
1559. **Iowa state teachers' association. Committee on elimination of subject matter.** Elimination of obsolete and useless topics and materials from the common branches. The positive program; being a report of a committee of the Iowa state teachers' association, November 1916. Pub. as an educational bulletin by the Iowa state teachers' association. [Des Moines, Iowa state teachers' association, 1916] 152 p. 8°.  
On cover: Second report of the Committee on elimination of subject matter.  
Outlined in *Midland schools*, 31: 70-72, November 1916, by G. M. Wilson, chairman.
1560. **Terry, H. L.** Tests and examinations. *School and society*, 4: 673-76, October 28, 1916.  
Gives a few typical examination questions, shows how impracticable they are, and suggests other questions that might be used.
1561. **Wilde, Arthur H.** The principal's duty in improving instruction. *School review*, 24: 617-25, October 1916.  
Maintains that it is impossible "to direct the instruction of the school unless the head of it has a voice in the selection of teachers. The principal, therefore, should take the initiative in filling all vacant instructorships in the high school."

## SCHOOL ARCHITECTURE.

1562. **Minneapolis. Board of education.** A million a year; a five-year school building program, including discussion of some fundamental educational policies. Approved and ordered published by unanimous vote of the Board of education, city of Minneapolis. [Minneapolis] 1916. 90 p. illus. 8°.  
(Monograph no. 1. Series of 1916-17)

## SCHOOL HYGIENE AND SANITATION.

1563. **Flannagan, Roy K.** The physical welfare of the child and the teacher. *Virginia journal of education*, 10: 55-58, October 1916.  
From rural standpoint.  
"Read before the section on 'Contagious diseases and the teacher' of the American school hygiene association, New York city, July 1916."
1564. **O'Shea, M. V.** Deformities due to school seats. *Mother's magazine*, 11: 17-18, November 1916.  
Shows the necessity for adjustable desks and seats for school children.



1565. **Rapeer, Louis W.** Standardizing lighting and ventilation in public schools. *Journal of education*, 84: 451-54, November 9, 1916.
1566. **Strong, Anne Hervey.** Some problems in the training of school nurses. *Teachers college record*, 17: 353-60, September 1916.

## PHYSICAL TRAINING.

1567. **Philadelphia, Pa. Board of education.** A four years' course of study in physical training for boys' and girls' high schools. *Mind and body*, 23: 71-74, 104-108, 149-53, 222-24, 266-67, 319-22, April-November 1916.  
In three parts: Part I, Determining principles; Part II, Physical training material for boys; Part III, Physical training material for girls.
1568. **Poos, E. A.** Physical activities for boys in secondary schools. *American physical education review*, 21: 415-22, October 1916.  
Discusses equipment, time, instruction, recognition, floor work, apparatus work, and athletics.
1569. **Rapeer, Louis W.** Minimum essentials of physical education. *American physical education review*, 21: 423-27, October 1916.
1570. **Reseburg, Walter J.** More wholesome athletics. *Journal of education*, 84: 428-30, November 2, 1916.  
The writer says that "athletic games present an ideal environment for the teaching of clean and honest living, and the athletic coach who is responsible directly for the discipline of the boys has here a vast field for action." Shows a number of ways in which the athletic coach can help to mould character.
1571. **Somers, Florence A.** The right kind of athletics for girls. *Mind and body*, 23: 304-309, November 1916.  
Read at the convention of the American physical education association, Cincinnati, Ohio, April 1916.

## SOCIAL ASPECTS OF EDUCATION.

1572. **Co-operative education association of Virginia.** Community league bulletin, giving plan of organization, constitution and by-laws, suggestions for the work of each committee. . . Issued jointly by state departments of health, education, highways, agriculture, dairy and food, charities and corrections, and Virginia polytechnic institute. Richmond, Davis Bottom, superintendent of public printing, 1916. 48 p. illus. 8°.
1573. **Wolfe, Albert Benedict, ed.** Readings in social problems. Boston, New York [etc.] Ginn and company [1916] 804 p. 8°.  
Contains sections on Eugenics, Assimilation of the immigrant, Education of women, Education of the Negro, etc.

## CHILD WELFARE.

1574. **Bayliss, Clara Kern.** Child labor laws in the United States. *School news and practical educator*, 30: 102-103, November 1916.  
To be continued.  
Gives some of the worst features of the laws.
1575. **National child labor committee.** Proceedings of the twelfth annual conference on child labor, Asheville, N. C., February 3-6, 1916. New York, National child labor committee, 1916. 78 p. 8°. (Child labor bulletin, vol. 5, no. 1, May 1916)
1576. **Walker, Julia Fried.** The home life of the child. Self expression in society. *Colorado school journal*, 32: 16-17, October 1916.  
The necessity that the home teach the child obedience and the habit of work.

## MORAL EDUCATION.

1577. **Schneider, Herbert W.** Dualism in modern theories of moral education. *Educational review*, 52: 372-84, November 1916.

Denies the hopelessness of such theories in our present-day industrial democracy. He says this dualism in modern theories is medieval. "Most of our theories of moral education confine themselves either to instruction in ideas about morals, or to the assumption that character will somehow result from the instruction offered in the curriculum, regardless of whether the curriculum is directly and specifically related to moral action."

## RELIGIOUS EDUCATION.

1578. **Catholic educational association.** Report of the proceedings and addresses of the thirteenth annual meeting, Baltimore, Md., June 26-29, 1916. Columbus, Ohio, Catholic educational association, 1916. 504 p. 8°. (Catholic educational association bulletin, vol. 13, no. 1, November 1916.) (Rev. F. W. Howard, secretary, 1651 East Main street, Columbus, O.)

Contains: 1. T. E. Shields: Some relations between the Catholic school system and the public school system, p. 51-62. 2. J. E. Fenlon: The state, p. 63-82. 3. C. B. Carroll: Educating to citizenship; or patriotism in education, p. 82-90. 4. Matthew Schumacher: [Standardizing Catholic colleges], p. 91-98. 5. J. W. Maguire: Why sociology should be taught in our Catholic colleges, p. 108-13; Discussion, p. 113-16. 6. I. A. Wagner: The place of general sciences in the curriculum, p. 116-22. 7. Brother Potamian: Astronomy—a plea for a neglected study, p. 122-28. 8. P. J. Downing: How much and how shall we study the style of the author in the class-room? p. 140-53. 9. C. J. Pernin: Scholasticism and pedagogy, p. 167-74; Discussion, p. 174-77. 10. J. H. Haaren: The Gary school plan, p. 223-30; Discussion, p. 230-40. 11. Prother Peter: To teach pupils to study: an end in elementary education, p. 241-61; Discussion, p. 261-60. 12. Brother Asarias: The accurate keeping of school records, p. 261-73; Discussion, p. 274-77. 13. A. F. Hickey: To train for the formation of good habits—a problem in school management, p. 277-84; Discussion, p. 284-88. 14. J. P. McNichols: To teach children to speak their mother tongue correctly, p. 288-96. 15. W. J. Fitzgerald: Classroom management, p. 299-311; Discussion, p. 311-12. 16. John Garvin: The lesson-plan, p. 313-27; Discussion, p. 327-34. 17. Madeleine A. Hollowell: The problem of feeble-mindedness, p. 335-49. 18. Albert Muntach: Coeducation from a Catholic standpoint, p. 352-66; Discussion, p. 366-70. 19. W. F. Lawler: Practice schools and training classes for our young teachers, p. 376-78. 20. Brother Gordian: The necessity of essentials in elementary education, p. 387-94. 21. Sister M. Borgia: A visit to schools for the deaf in the United States and Canada, p. 418-38.

1579. **Barry, Sinclair.** On the education of boys. *America*, 16: 45-46, October 21, 1916.

The Catholic versus the secular college.

1580. **Cope, Henry Frederick.** The modern Sunday school and its present day task. New York, Chicago [etc.] Fleming H. Revell company [1916] 252 p. 12°.

1581. **Crafts, Wilbur Fisk.** Bible in schools plans of many lands; documents gathered and comp. for Council of church boards of education, 1914. Rev. and enl. ed., 1916. Washington, D. C., Illustrated Bible selections commission [1916] 192 p. 8°.

Bibliography: p. 128-130.

1582. **Heathcote, Charles William.** The essentials of religious education. Boston, Sherman, French & company, 1916. 290 p. 12°.

1583. **Iowa state teachers' association.** Educational council. Report of Committee on school credit for Bible study, religious instruction, and moral training. Des Moines, Iowa, Welch press, 1916. 16 p. 8°.

Chairman of committee: Arthur E. Bennett; Des Moines.

1584. **McConaughy, James; McConaughy, James L. and Bartow, Harry Edwards.** Sunday-school teaching and management; a first standard training course for Sunday-school workers and older pupils especially in smaller schools. Philadelphia, American Sunday-school union [1916] 199 p. 16°.

(Green fund book no. 21)

1585. **Shields, Thomas Edward.** The ultimate aim of Christian education. Catholic educational review, 12: 301-17, November 1916.
1586. **Virginia. State board of education.** Official syllabus of Bible study for high school pupils. Approved and authorized by the State board of education, Richmond, Va., August 29, 1916. Charlottesville, Va., Published by the University, 1916. 48 p. 8°. (University of Virginia record. Extension series, vol. 2, no. 1, September 1916)

## MANUAL AND VOCATIONAL TRAINING.

- National association of corporation schools.** Fourth annual convention. Addressee, reports, bibliographies and discussions. Pittsburgh, Pa., May 30 to June 2, 1916. Published by order of the Executive committee [1916] 804 p. 8°. (Lee Galloway, secretary, New York university, New York, N. Y.)  
Contains: 1. Report of committee on special training schools, p. 85-133. 2. Report of committee on trade apprenticeship schools, p. 138-228. 3. Report of committee on public education, p. 233-62. 4. Report of committee on vocational guidance—Pt. I. The organic development of business, p. 278-301.—Pt. II. Suggested machinery, p. 302-63.—Pt. III. Appendices, p. 364-444. 5. Round table on vocational guidance, p. 445-67. 6. Report of committee on advertising, selling and distribution schools, p. 476-517. 7. Report of committee on retail salesmanship, p. 523-49. 8. Report of committee on office work schools, p. 556-653. 9. Report of committee on employment plans, p. 661-98. 10. Report of committee on unskilled labor, p. 741-68.
1588. **Apprentice school of the Lakeside press.** National association of corporation schools bulletin, 3: 33-41, November 1916.  
Established to meet the requirements of both employer and employee—the advantages that have been gained.
1589. **Bennett, Charles A.** Vocational education in the city of Anderson, Indiana. Manual training magazine, 18: 81-89, November 1916.  
"This is the first of several editorial articles which will appear from time to time on the work of selected schools and systems of schools in which vocational training or instruction in the manual arts has become an important factor."
1590. **Cant, R. McK.** Training for salesmanship. World's work (London) 28: 542-45, November 1916.
1591. **Currier, Walter Barron.** Practical art-education. Industrial-arts magazine, 5: 469-72, November 1916.
1592. **Fleming, A. P. M. and Pearce, J. G.** The principles of apprentice training, with special reference to the engineering industry. London, New York [etc.] Longmans, Green and co., 1916. 202 p. 12°. Bibliography: p. 196-197.
1593. **Griffith, Ira S.** Relative values in the manual arts. Manual training magazine, 18: 89-95, November 1916.
1594. **Haney, James Parton.** Industrial art at home and abroad. Pennsylvania school journal, 65: 156-59, October 1916.
1595. **Harrison, Frank.** Continuation schools for children of school age. School and society, 4: 617-24, October 21, 1916.  
Shows the importance of further education for those who leave school early, and says that the continuation school is necessary for those entering industry early to supplement poor home training in morals, civic duty, and political rights.
1596. **Merchant, C. J.** The story of the Elmira vocational school. Industrial-arts magazine, 5: 478-81, November 1916. illus.

1597. **New York (State) University.** Division of agricultural and industrial education. The manual arts in New York state, by Royal B. Farnum, state specialist in art education. Albany, The University of the state of New York, 1916. cover-title, 13 p. 23 pl. 8°. (University of the state of New York bulletin, no. 625)

1598. **Winalow, Leon Loyal.** Education through industrial arts. Ohio educational monthly, 65: 511-16, October 1916.

This paper was read before the Manual arts section of the Northwestern Ohio teachers' association, which met at Toledo on November 13th and 14th, 1915.

#### VOCATIONAL GUIDANCE.

1599. **Bonser, Frederick G.** The curriculum as a means of revealing vocational aptitudes. Education, 37: 145-59, November 1916.

A plea for vocational guidance. Writer says: "With the work of the whole public school shot through and through with vocational motives and life values, the identities between school activities and life activities will become so constant and clear that school work in itself may very largely become a process of vocational guidance."

1600. **Kitson, Harry D.** Interest as a criterion in vocational guidance. Educational review, 52: 349-56, November 1916.

Says that real vocational guidance does not commit a person inalienably to a single vocational possibility. It does not set limits upon his achievements, but encourages him to develop himself to the highest possible degree.

1601. **Seashore, Carl E.** Vocational guidance in music. Music supervisors' journal, 3: 18, 20, 22, 24, 26, 28, November 1916.

Deals with the music talent chart, music surveys in the public schools, the economic value of vocational guidance in music, etc.

1602. **Wheatley, W. A.** An outline of educational and vocational guidance adapted to the smaller centres. Journal of education, 84: 438-39, November 2, 1916.

Presented at Harvard university conference of high school principals, Cambridge, Mass., in June 1916.

1603. **Woolley, Helen T.** The mind of a boy, the future of experimental psychology in vocational guidance. Survey, 37: 122-25, November 4, 1916.

The writer says that the application of experimental psychology to vocational guidance is in a research phase. Describes the work of the Psychological laboratory of the vocational bureau in Cincinnati, which is an integral part of a vocation bureau in a public school system.

#### AGRICULTURAL EDUCATION.

1604. **Carris, Lewis H.** Vegetable gardening as a school project. Atlantic educational journal, 12: 146-51, November 1916.

Shows the relation of work in vegetable growing to other school subjects.

1605. **Dean, William Harper.** The all-American movement. The meaning of achievement. Mother's magazine, 11: 11-13, 79, November 1916.

Boys' and girls' club work.

1606. **Waugh, Frank A.** The agricultural college; a study in organization and management and especially in problems of teaching. New York, Orange Judd company, 1916. 260 p. 12°.

#### HOME ECONOMICS.

1607. **Kinne, Helen.** Equipment for teaching domestic science. 5th printing. Boston, Mass., Whitcomb & Barrows, 1916. 104 p. illus. 8°.

## PROFESSIONAL EDUCATION.

1608. **National league of nursing education.** Proceedings of the twenty-second annual convention . . . held at New Orleans, La., April 27 to May 3, 1916. Baltimore, Williams & Wilkins company, 1916. 357 p. 8°. (Effie J. Taylor, secretary, Johns Hopkins university, Baltimore, Md.)  
Contains: 1. Katharine Tucker: The training school's responsibility in public health nursing education, p. 113-17. 2. Elizabeth Golding: What can the training school do to graduate better private duty nurses? p. 119-22. 3. Helen Cleland: Is it desirable to include training for executive positions in the three years course? p. 123-24. 4. E. M. Lawler: How much time should be allowed for specialization during the training school course? p. 127-40. 5. Sara E. Parsons: The training school prospectus and its educational possibilities, p. 171-74. 6. Isobel Fleming: Textbooks for nurses, p. 174-81. 7. E. J. Taylor: Why does the nurse in the general hospital need training for mental work? p. 193-204. 8. Ida J. Ansted: The problems and possibilities in state hospital training schools, p. 208-15. 9. Isabel M. Stewart: The teaching of home nursing and first aid, p. 229-52. 10. S. Lillian Clayton: The purpose and place of ethics in the curriculum, p. 252-56. 11. Rudolph Matas: Some educational problems of mutual interest to the physician and the nurse, p. 270-85. 12. Adelaide Nutting: Some ideals in training school work, p. 291-301.
1609. **Clark, Calvin Montague.** History of Bangor theological seminary. Boston, New York [etc.] The Pilgrim press [1916] xix, 408 p. illus. 8°.
1610. **James, Eldon R.** The law school and the practicing lawyer. American law school review, 4: 212-17, November 1916.  
A paper read before the section of legal education of the American bar association, Chicago, Ill., August 30, 1916.  
Discussed in full by H. V. Mercer, in same number of the Review, p. 217-22.
1611. **Longcope, W. T.** Mile-stones in medicine. Educational review, 52: 338-48, November 1916.  
"The milestones of medicine," says the writer, "as of all the sciences, are marked by men's names, not by the actions of committees, of senates or of nations." Sketches briefly the history of medical research work.
1612. **Vold, Lauriz.** System of study for students under the case method of instruction. American law school review, 4: 194-201, November 1916.  
Presents a program of study, etc.
1613. **Watt, Homer A.** The English department and the professional schools. Engineering education, 7: 73-89, October 1916.

## CIVIC EDUCATION.

1614. **American political science association.** Committee on instruction. The teaching of government. Report to the American political science association. New York, The Macmillan company, 1916. 284 p. 12°.  
Members of committee: C. G. Haines, chairman; J. Lynn Barnard, Edgar Dawson, W. L. Fleming, Mabel Hill, F. E. Horack, J. A. James.

## MILITARY TRAINING.

1615. **Gignilliat, L. R.** Arms and the boy; military training in schools and colleges, its value in peace and its importance in war, with many practical suggestions for the course of training and with brief descriptions of the most successful systems now in operation. Indianapolis, The Bobbs-Merrill company [1916] 371 p. front., plates, plan. 8°.
1616. **Howe, Lucien.** Universal military education and service. The Swiss system for the United States. New York and London, G. P. Putnam's sons, 1916. xiii, 188 p. 12°.  
Favors universal military education for the people of the United States, including students in schools and colleges.



1617. Military training in the high school. School education, 36: 9-10, November 1916.

Discusses the wide extremes of opinion on the subject of introducing military training into the public schools, the value of drill, and the New York plan.

1618. Report of the Military training commission. School bulletin, 43: 31-34, October 1916.

Recommendations of the New York military training commission.

#### EDUCATION OF WOMEN.

1619. Women's inter-collegiate association for student government. A report of the conference . . . held at Western Reserve university, in November 1915. 38 p. 8°.

Gives rules and regulations of colleges in the Association in respect to attendance, dormitory regulations, penalties for theft, chaperon rules, etc.

1620. Comstock, Sarah. Your girl at school. Good housekeeping, 63: 43-44, 104, November 1916.

An illustrated article describing among other school activities training for wifehood and motherhood.

#### EDUCATION OF IMMIGRANTS.

1621. Bockow, Lewis. Americanization and the pillar of democracy. Education, 37: 174-83, November 1916.

Advocates a special training for teachers of our immigrant children. A knowledge of the social sciences is essential.

#### EDUCATION OF DEAF.

1622. Pintner, Rudolf and Paterson, Donald G. Measurement of the language ability of deaf children. Psychological review, 23: 413-36, November 1916.

1623. Yearley, Macleod. Hearing tests in school children. Volta review, 18: 440-42, November 1916.

From the British journal of children's diseases, London, May 1916. Criticizes the "set tests" of the school doctor. Praises the French method, known as the *leçon de silence*.

#### EXCEPTIONAL CHILDREN.

1624. Claxton, P. P. [Letter to the Editors] Van Leuven Browne national magazine (Detroit, Mich.), 5: 2, November 1916.

This letter comments appreciatively on the movement toward better governmental provision for the care and education of crippled children in the United States.

1625. Fitts, Ada M. How to fill the gap between special classes and institutions. Ungraded, 2: 1-8, October 1916.

Gives some suggestions of provisions that should be made for the feeble-minded, in respect to public school education and after-care.

1626. Knox, Margaret. How shall the children be selected for special classes? Ungraded, 2: 9-15, October 1916.

From the principal's point of view.

1627. Patterson, M. Rose. A study of the bright child in the school. Atlantic educational journal, 12: 68-74, October 1916.

This paper was prepared in connection with the Department of education, Teachers' college courses, Johns Hopkins university.

Treats the subject under the following headings: The bright child defined, contrast in treatment given the subnormal and the supernormal, the rights and values of the bright child, various plans for assisting the supernormal child in America and Germany, and a detailed study of the William Riechart preparatory center no. 22, in Baltimore.



1628. Wallin, J. E. Wallace. A program for the state care of the feeble-minded and epileptic. School and society, 4: 723-31, November 11, 1916.  
Recommendations made by the Children's code commission of Missouri, concerning the care and education of the feeble-minded and epileptic.

## EDUCATION EXTENSION.

1629. National university extension conference. Proceedings of the first conference held at Madison, Wis., March 10-12, 1915. Convened by the University extension division, the University of Wisconsin. 269 p. 8°.  
Contains: 1. C. R. Van Hise: The university extension function, p. 7-24. 2. L. E. Reber: The scope of university extension and its organization and subdivision, p. 25-36. 3. W. D. Henderson: General education through extension, p. 39-48. 4. J. H. Miller: Agricultural education in extension, p. 53-59. 5. A. H. Melville: The field work in extension, p. 63-69. 6. W. H. Lighty: Correspondence-study teaching, p. 75-83. 7. J. C. Egbert: Class lecture instruction, p. 83-90. 8. G. L. Sprague: The need and the opportunity for vocational training through university extension, p. 97-106. 9. E. B. Norris: University extension and industrial education, p. 107-13. 10. W. H. Henderson: The training courses for industrial teachers, p. 113-16. 11. R. L. Lyman: The relation of extension departments to debating and discussion clubs: pedagogical consideration, p. 125-31. 12. R. V. Phelan: Social center promotion, organization, and administration, p. 140-44. 13. H. E. Dearholt: Health instruction, p. 164-71. 14. C. W. Votaw: University extension service in its relation to local, intellectual and spiritual leadership, p. 177-85. 15. J. L. Gillin: Permanent results in community welfare work, p. 185-90. 16. J. J. Pettijohn: University extension lyceum service, p. 225-37. 17. P. F. Voelker: The university chautauquus, p. 238-44. 18. W. H. Dudley: Cooperation in visual instruction, p. 244-50. 19. Nathaniel Butler: The university extension lecturer, p. 251-55. 20. R. G. Moulton: The humanities in university extension, p. 256-68.

## LIBRARIES AND READING.

1630. American library association. Papers and proceedings of the thirty-eighth annual meeting . . . held at Asbury Park, N. J., June 26-July 1, 1916. Chicago, Ill., American library association, 1916. p. 111-578. 4°. (*Its Bulletin*, vol. 10, no. 4, July 1916) (George B. Utley, secretary, A. L. A. Executive office, Chicago, Ill.)  
Contains: 1. A. E. Bostwick: How the community educates itself, p. 115-22. 2. W. W. Bishop: Leadership through learning, p. 155-61. 3. J. F. Hosie: The place of the school library in modern education, p. 210-13. 4. H. E. Legler: How the public library can help in developing effective high school libraries, p. 218-15. 5. Albert Shiels: The immigrant, the school, and the library, p. 257-63. 6. H. H. Wheaton: An Americanization program for libraries, p. 265-69.
1631. Kerfoot, John B. How to read. Boston and New York, Houghton Mifflin company, 1916. 297 p. 12°.
1632. Moore, Annie E. The use of children's initiative in beginning reading. Teachers college record, 17: 330-43, September 1916.  
List of pictures, apparatus, and books used, p. 342-43.

## BUREAU OF EDUCATION: RECENT PUBLICATIONS.

1633. State higher educational institutions of Iowa. A report of a survey made under the direction of the Commissioner of education. Washington, 1916. 223 p. (Bulletin, 1916, no. 19)
1634. State pension systems for public-school teachers; prepared for the Committee on teachers' salaries, pensions, and tenure of the National education association, by W. Carson Ryan, jr., and Roberta King. Washington, 1916. 46 p. (Bulletin, 1916, no. 14)

1635. The social studies in secondary education. A six-year program adapted both to the 6-3-3 and the 8-4 plans of organization. Report of the Committee on social studies of the Commission on the reorganization of secondary education of the National education association. Compiled by A. W. Dunn. Washington, 1916. 63 p. (Bulletin, 1916, no. 28.)
1636. University training for public service. A report of the meeting of the Association of urban universities, November 15-17, 1915. Washington, 1916. 94 p. (Bulletin, 1916, no. 30)
1637. The Wisconsin county training schools for teachers in rural schools; by W. E. Larson. Washington, 1916. 40 p. plates. (Bulletin, 1916, no. 17)

## BULLETIN OF THE UNITED STATES BUREAU OF EDUCATION.<sup>1</sup>

[NOTE.—Documents marked with an asterisk (\*) may be obtained only from the Superintendent of Documents, Government Printing Office, Washington, D. C., at the price indicated. Remittances should be made direct to the Superintendent of Documents in coin, currency, or money order. Stamps are not accepted. Other publications will be sent free of charge upon application to the Commissioner of Education as long as the limited supply lasts.]

1913.

- \*No. 1. Monthly record of current educational publications, January, 1913. 5 cts.
- \*No. 2. Training courses for rural teachers. A. C. Monahan and R. H. Wright. 5 cts.
- \*No. 3. The teaching of modern languages in the United States. Charles H. Handschin. 15 cts.
- \*No. 4. Present standards of higher education in the United States. George E. MacLean. 20 cts.
- \*No. 5. Monthly record of current educational publications, February, 1913. 5 cts.
- \*No. 6. Agricultural instruction in high schools. C. H. Robison and F. B. Jenks. 10 cts.
- \*No. 7. College entrance requirements. Clarence D. Kingsley. 15 cts.
- \*No. 8. The status of rural education in the United States. A. C. Monahan. 15 cts.
- \*No. 9. Consular reports on continuation schools in Prussia. 5 cts.
- \*No. 11. Monthly record of current educational publications, April, 1913. 5 cts.
- \*No. 12. The promotion of peace. Fannie Fern Andrews. 10 cts.
- \*No. 13. Standards and tests for measuring the efficiency of schools or systems of schools. 5 cts.
- \*No. 14. Agricultural instruction in secondary schools. 10 cts.
- \*No. 15. Monthly record of current educational publications, May, 1913. 5 cts.
- \*No. 16. Bibliography of medical inspection and health supervision. 15 cts.
- \*No. 17. A trade school for girls. 10 cts.
- \*No. 18. The fifteenth international congress on hygiene and demography. Fletcher B. Dresslar. 10 cts.
- \*No. 19. German industrial education and its lessons for the United States. Holmes Beckwith. 15 cts.
- \*No. 20. Illiteracy in the United States. 10 cts.
- \*No. 21. Monthly record of current educational publications, June, 1913. 5 cts.
- \*No. 22. Bibliography of industrial, vocational, and trade education. 10 cts.
- \*No. 23. The Georgia club at the State Normal School, Athens, Ga., for the study of rural sociology. E. C. Branson. 10 cts.
- \*No. 24. A comparison of public education in Germany and in the United States. Georg Kerschensteiner. 5 cts.
- \*No. 25. Industrial education in Columbus, Ga. Roland B. Daniel. 5 cts.
- \*No. 26. Good roads arbor day. Susan B. Sipe.
- \*No. 28. Expressions on education by American statesmen and publicists. 5 cts.
- \*No. 29. Accredited secondary schools in the United States. Kendrick C. Babcock. 10 cts.
- \*No. 30. Education in the South. W. Carson Ryan, Jr. 10 cts.
- \*No. 31. Special features in city school systems. 10 cts.
- \*No. 34. Pension systems in Great Britain. Raymond W. Sies. 10 cts.
- \*No. 35. A list of books suited to a high-school library. 15 cts.
- \*No. 36. Report on the work of the Bureau of Education for the natives of Alaska, 1911-12. 10 cts.
- \*No. 37. Monthly record of current educational publications, October, 1913. 5 cts.
- \*No. 38. Economy of time in education. 10 cts.
- \*No. 40. The reorganized school playground. Henry S. Curtis. 10 cts.
- \*No. 41. The reorganization of secondary education. 10 cts.
- \*No. 42. An experimental rural school at Winthrop College. H. S. Browne. 10 cts.
- \*No. 43. Agriculture and rural-life day; material for its observance. Eugene C. Brooks. 10 cts.
- \*No. 44. Organized health work in schools. E. B. Hoag. 10 cts.
- \*No. 45. Monthly record of current educational publications, November, 1913. 5 cts.
- \*No. 46. Educational directory, 1913. 15 cts.
- \*No. 47. Teaching material in Government publications. F. K. Noyes. 10 cts.
- \*No. 48. School hygiene. W. Carson Ryan, Jr. 15 cts.
- \*No. 49. The Farragut School, a Tennessee country-life high school. A. C. Monahan and Adams Phillips. 10 cts.

<sup>1</sup> For issues prior to 1913, see list "Available Publications of the United States Bureau of Education, October, 1916," which may be had on application. Numbers omitted are out of print.

## II

## CURRENT EDUCATIONAL PUBLICATIONS,

- \*No. 50. The Fitchburg plan of cooperative industrial education. M. R. McCann. 10 cts.
- \*No. 51. Education of the immigrant. 10 cts.
- \*No. 52. Sanitary schoolhouses. Legal requirements in Indiana and Ohio. 5 cts.
- \*No. 53. Monthly record of current educational publications, December, 1913. 5 cts.
- No. 54. Consular reports on industrial education in Germany.
- \*No. 55. Legislation and judicial decisions relating to education, Oct. 1, 1909, to Oct. 1, 1912. James C. Boykin and William R. Hood. 35 cts.
- \*No. 58. Educational system of rural Denmark. Harold W. Foght. 15 cts.
- No. 59. Bibliography of education for 1910-11.
- No. 60. Statistics of State universities and other institutions of higher education partially supported by the State, 1912-13.

1914.

- \*No. 2. Compulsory school attendance. 15 cts.
- \*No. 3. Monthly record of current educational publications, February, 1914. 5 cts.
- \*No. 4. The school and the start in life. Meyer Bloomfield. 15 cts.
- \*No. 5. The folk high schools of Denmark. L. L. Friend. 5 cts.
- \*No. 6. Kindergartens in the United States. 20 cts.
- \*No. 7. Monthly record of current educational publications, March, 1914. 5 cts.
- \*No. 8. The Massachusetts home-project plan of vocational agricultural education. R. W. Stimson. 15 cts.
- No. 9. Monthly record of current educational publications, April, 1914.
- \*No. 10. Physical growth and school progress. B. T. Baldwin. 25 cts.
- \*No. 11. Monthly record of current educational publications, May, 1914. 5 cts.
- No. 12. Rural schoolhouses and grounds. F. B. Dresslar.
- \*No. 13. Present status of drawing and art in the elementary and secondary schools of the United States. Royal B. Farnum. 65 cts.
- \*No. 14. Vocational guidance. 10 cts.
- \*No. 15. Monthly record of current educational publications. Index. 5 cts.
- \*No. 16. The tangible rewards of teaching. James C. Boykin and Roberta King. 50 cts.
- No. 17. Sanitary survey of the schools of Orange County, Va. Roy K. Flannagan.
- \*No. 18. The public-school system of Gary, Ind. William P. Burris. 15 cts.
- No. 19. University extension in the United States. Louis E. Reber.
- No. 20. The rural school and hookworm disease. J. A. Ferrell.
- \*No. 21. Monthly record of current educational publications, September, 1914. 10 cts.
- No. 22. The Danish folk high schools. H. W. Foght.
- No. 23. Some trade schools in Europe. Frank L. Glynn.
- \*No. 24. Danish elementary rural schools. H. W. Foght. 10 cts.
- \*No. 25. Important features in rural school improvement. W. T. Hodges. 10 cts.
- \*No. 26. Monthly record of current educational publications, October, 1914. 5 cts.
- \*No. 27. Agricultural teaching. 15 cts.
- \*No. 28. The Montessori method and the kindergarten. Elizabeth Harrison. 5 cts.
- No. 29. The kindergarten in benevolent institutions.
- No. 30. Consolidation of rural schools and transportation of pupils at public expense. A. C. Monahan.
- \*No. 31. Report on the work of the Bureau of Education for the natives of Alaska. 25 cts.
- No. 32. Bibliography of the relation of secondary schools to higher education. R. L. Walkley.
- \*No. 33. Music in the public schools. Will Earhart. 10 cts.
- \*No. 34. Library instruction in universities, colleges, and normal schools. Henry R. Evans. 5 cts.
- \*No. 35. The training of teachers in England, Scotland, and Germany. Charles H. Judd. 10 cts.
- \*No. 36. Education for the home—Part I. General statement. B. R. Andrews. 10 cts.
- No. 37. Education for the home—Part II. State legislation, schools, agencies. B. R. Andrews.
- \*No. 38. Education for the home—Part III. Colleges and universities. B. R. Andrews. 25 cts.
- \*No. 39. Education for the home—Part IV. Bibliography, list of schools. B. R. Andrews. 10 cts.
- No. 40. Care of the health of boys in Girard College, Philadelphia, Pa.
- \*No. 41. Monthly record of current educational publications, November, 1914. 5 cts.
- \*No. 42. Monthly record of current educational publications, December, 1914. 5 cts.
- \*No. 43. Educational directory, 1914-15. 20 cts.
- \*No. 44. County-unit organization for the administration of rural schools. A. C. Monahan. 10 cts.
- \*No. 45. Curricula in mathematics. J. C. Brown. 10 cts.
- \*No. 46. School savings banks. Mrs. Sara L. Oberholzer. 5 cts.
- No. 47. City training schools for teachers. Frank A. Manny.
- No. 48. The educational museum of the St. Louis public schools. C. G. Rathman.
- \*No. 49. Efficiency and preparation of rural-school teachers. H. W. Foght. 15 cts.
- No. 50. Statistics of State universities and State colleges.

1915.

- \*No. 1. Cooking in the vocational school. Iris P. O'Leary. 5 cts.
- \*No. 2. Monthly record of current educational publications, January, 1915. 5 cts.
- \*No. 3. Monthly record of current educational publications, February, 1915. 5 cts.

\* See note at top of p. 1.

# CURRENT EDUCATIONAL PUBLICATIONS.

III

- \*No. 4. The health of school children. W. H. Heck. 15 cts.
- No. 5. Organization of State departments of education. A. C. Monahan.
- \*No. 6. A study of the colleges and high schools in the North Central Association. 15 cts.
- No. 7. Accredited secondary schools in the United States. Samuel P. Capen.
- No. 8. Present status of the honor system in colleges and universities. Bird T. Baldwin.
- \*No. 9. Monthly record of current educational publications, March, 1915. 5 cts.
- \*No. 10. Monthly record of current educational publications, April, 1915. 5 cts.
- No. 11. A statistical study of the public-school systems of the southern Appalachian Mountains. Norman Frost.
- No. 12. History of public-school education in Alabama. Stephen B. Weeks.
- \*No. 13. The schoolhouse as the polling place. E. J. Ward. 5 cts.
- \*No. 14. Monthly record of current educational publications, May, 1915. 5 cts.
- No. 15. Monthly record of current educational publications. Index, Feb., 1914-Jan., 1915.
- \*No. 16. Monthly record of current educational publications, June, 1915. 5 cts.
- No. 17. Civic education in elementary schools as illustrated in Indianapolis. A. W. Dunn.
- No. 18. Legal education in Great Britain. H. S. Richards.
- \*No. 19. Statistics of manual-training, agricultural, and industrial schools. 15 cts.
- \*No. 20. The rural school system of Minnesota. H. W. Fought. 20 cts.
- \*No. 21. Schoolhouse sanitation. William A. Cook. 10 cts.
- \*No. 22. State versus local control of elementary education. T. L. MacDowell. 10 cts.
- \*No. 23. The teaching of community civics. 10 cts.
- \*No. 24. Adjustment between kindergarten and first grade. Luella A. Palmer. 5 cts.
- No. 25. Public, society, and school libraries.
- No. 26. Secondary schools in the States of Central America, South America, and the West Indies. Anna T. Smith.
- No. 27. Opportunities for foreign students at colleges and universities in the United States. Samuel P. Capen.
- No. 28. The extension of public education. Clarence A. Perry.
- No. 29. The grant problem and the parental school. James S. Hiett.
- No. 30. Bibliography of education for 1911-12.
- \*No. 31. A comparative study of the salaries of teachers and school officers. 15 cts.
- No. 32. The school system of Ontario. H. W. Fought.
- No. 33. Problems of vocational education in Germany. George E. Myers.
- \*No. 34. Monthly record of current educational publications, September, 1915. 5 cts.
- \*No. 35. Mathematics in the lower and middle commercial and industrial schools. E. H. Taylor. 15 cts.
- No. 36. Free textbooks and State uniformity. A. C. Monahan.
- No. 37. Some foreign educational surveys. James Mahoney.
- No. 38. The university and the municipality.
- No. 39. The training of elementary school-teachers in mathematics. I. L. Kandel.
- No. 40. Monthly record of current educational publications, October, 1915.
- \*No. 41. Significant school extension records. Clarence A. Perry. 5 cts.
- \*No. 42. Advancement of the teacher with the class. James Mahoney. 10 cts.
- No. 43. Educational directory, 1915-16.
- No. 44. School administration in the smaller cities. W. S. Deffenbaugh.
- No. 45. The Danish people's high school. Martin Hegland.
- No. 46. Monthly record of current educational publications, November, 1915.
- \*No. 47. Digest of State laws relating to public education. Hood, Weeks, and Ford. 60 cts.
- No. 48. Report on the work of the Bureau of Education for the natives of Alaska, 1913-14.
- No. 49. Monthly record of current educational publications, December, 1915.
- No. 50. Health of school children. W. H. Heck.

## 1916.

- No. 1. Education exhibits at the Panama-Pacific International Exposition. W. Carson Ryan, Jr.
- No. 2. Agricultural and rural education at the Panama-Pacific International Exposition. H. W. Fought.
- No. 3. Placement of children in the elementary grades. K. J. Hoke.
- No. 4. Monthly record of current educational publications, January, 1916.
- No. 5. Kindergarten training schools.
- No. 6. Statistics of State universities and State colleges.
- No. 7. Monthly record of current educational publications, February, 1916.
- No. 8. Reorganization of the public school system. F. F. Hunker.
- \*No. 9. Monthly record of current educational publications, March, 1916. 5 cts.
- No. 10. Needed changes in secondary education. Charles W. Elliot and Ernesto Nelson.
- No. 11. Monthly record of current educational publications, April, 1916.

\* See note at top of p. 1.

IV

CURRENT EDUCATIONAL PUBLICATIONS.

- No. 12. Problems involved in standardizing State normal schools. C. H. Judd and S. C. Parker.
- \*No. 13. Monthly record of current educational publications, May, 1916. 5 cts.
- No. 14. State pension systems for public-school teachers. W. Carson Ryan, Jr., and Roberta King.
- \*No. 15. Monthly record of current educational publications—Index, February, 1915–January, 1916. 5 cts.
- \*No. 16. Reorganizing a county system of rural schools. J. Harold Williams. 10 cts.
- No. 17. The Wisconsin county training schools for teachers in rural schools. W. E. Larson.
- No. 18. Public facilities for educating the alien. F. E. Farrington.
- No. 19. State higher educational institutions of Iowa.
- No. 20. Accredited secondary schools in the United States. Samuel P. Capen.
- \*No. 21. Vocational secondary education.
- No. 22. Monthly record of current educational publications, September, 1916.
- No. 23. Commercial education.
- No. 24. University training for public service.

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\* See note at top of p. 1.