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## MONTHLY RECORD OF CURRENT EDUCATIONAL PUBLICATIONS

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## MONTHLY RECORD OF CURRENT EDUCATIONAL PUBLICATIONS.

CONTENTS.—Introductory notes—Educational history and biography—Current educational conditions—Pedagogics and didactics—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 hygiene and sanitation—Sex hygiene—Physical training—Social aspects of education—Child welfare—Moral education—Religious education—Manual and vocational training—Vocational guidance—Agricultural education—Home economics—Professional education—Education of women—Negro education—Blind and deaf—Exceptional children—Education extension—Periodicals represented in this number—Bulletin of the Bureau of Education.

### INTRODUCTORY NOTES.

The following are especially noteworthy books and articles mentioned in the present bulletin, the numbers in parentheses referring to the numbers of the full entries:

Thorndike, Educational psychology, vol. 3 (617); Yocum, Mathematics as a means to culture and discipline (652); Grant, English education and Dr. Montessori (653); Hewitt, Woman peril in American education (675); Keppel, Columbia (688); Taft, The college slouch (695); Elliott, City school supervision (703); Hutchinson, School costs and school accounting (705); Münsterberg, Sex education (732); O'Donnell, Creed and curriculum (749); Mann, What is industrial science (762); O'Shea, Coeducation (789).

Only publications of the Bureau of Education are available for free distribution by this office. All others 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. A list of periodicals indexed, with places of publication, may be found at the end of this bulletin.

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

### EDUCATIONAL HISTORY AND BIOGRAPHY.

581. Armstrong, L. E. An educational autocrat. *Sierra educational news*, 10: 200-202, March 1914.

An appreciation of Frank L. Crone, the director of education in the Philippines.

582. Russell, Kennad. David Starr Jordan. *World's work*, 27: 649-65, April 1914.

An appreciation of the life and career of David Starr Jordan, president of Leland Stanford Jr. university. His work for international arbitration, etc.

583. **Tucker, Louise Emery.** Visualized history of education. New York, Hinds, Noble & Eldredge [1914] 200 p. 2 fold. charts. 4°. Contains outlines of educational history, and two charts presenting a general survey of the field of education.
584. **Wilson, Louis N.** G. Stanley Hall; a sketch. New York, G. E. Stechert & co., 1914. 144 p. illus. 8°. "Bibliography of published writings": p. [119]-144.

## CURRENT EDUCATIONAL CONDITIONS.

585. **Bohn, Frank.** The Socialist party and the public schools. International Socialist review, 14: 605-7, April 1914. Advocates the organization of the entire teaching force into unions; superintendents to be elected by and with the consent of the teachers to act only in connection with their central committee.
586. **Chancellor, William E.** Causes of the present interest in education. School journal, 81: 118-22, February 1914.
587. **Claxton, Philander Priestley.** The National Bureau of education. Colorado school journal, 29: 18-20, March 1914. From Declaration of principles, National education association, 51st annual convention, Salt Lake City, in N. E. A. bulletin, 2: 20-21, September 1913. Gives the functions of the Bureau of education, the immediate demands on the Bureau, and the most pressing needs.
588. **Collins, Joseph V.** Weakness in American education. Educational review, 47: 391-405, April 1914. Emphasizes more Spartan methods in education. Work made too easy for pupils. Means should be provided for training the young in habits of physical industry.
589. **Cunliffe, John W.** The new France. Independent, 78: 26-27, April 6, 1914. An article describing the new spirit in France, resulting from athletic sports in school life.
590. **Fitz Gerald, Cyril.** The schoolboy in Canada. London, Northern printeries, 1914. 168 p. 8°. Presents the advantages of settlement in Canada for English schoolboys. Contains a summary of the educational systems of Manitoba and Alberta, p. 56-101.
591. **Fitzpatrick, Alfred.** The swing-team boss. World's work, 27: 698-702, April 1914. Describes the work of carrying the school to the construction camp of the new railroads on the western frontier of Canada. Education of foreign laborers.
592. **Hall, J. O.** Defects in the Kansas school system and suggested remedies. Western school journal, 30: 92-95, March 1914.
593. **Jackson, Cyril.** Outlines of education in England. London [etc.] A. R. Mowbray and co., ltd. [1913] 200 p. 12°. (Christian social union handbooks, ed. by H. S. Holland)
594. **Lockey, Joseph Byrne.** Estudios sobre la instrucción primaria en el departamento de Lima y la provincia constitucional del Callao. Lima, Perú, Gill, 1914. 290 p. illus. 8°.
595. **Massachusetts. Commission on immigration.** Report on the problem of immigration in Massachusetts: Boston, Wright & Potter printing co., state printer, 1914. 295 p. illus. 8°. Contains much interesting and suggestive educational material.
596. **Nock, Albert J.** An adventure in education. American magazine, 77: 25-28, April 1914. Work of the public schools at Gary, Ind. Vocational education.
597. **Strayer, George D.** The Vermont educational survey. Educational review, 47: 325-42, April 1914. Cites the provisions of the survey, and declares the report to be fair and complete, on the whole. In the opinion of Dr. Strayer, its greatest weakness is to be found in the idealistic character of many of its recommendations. A bill embodying the recommendations of the report is being prepared for submission to the state legislature of Vermont. The section of the report giving the statistical data upon which many of the conclusions are formed will prove very useful and valuable to the student of current educational questions.

598. **Trensch, G.** Die deutschen im auslande und ihre schulen. *Pädagogische zeitung* 43: 160-63, 178-82; February 26, March 5, 1914.  
 "In 1870 there were 24 foreign German schools in Europe and 23 elsewhere. To-day the number is estimated at 1,500." Describes such schools in different parts of the world.

## PEDAGOGICS AND DIDACTICS.

599. **Leathes, Stanley Mordaunt.** What is education? London, G. Bell & sons, Ltd., 1913. 191 p. 12°.
600. **Moon, A. H.** Standards of judging teaching. *School and home*, 6: 7-9, April 1914.
601. **Siepert, Albert F.** Some factors in efficient teaching. *Manual training magazine*, 15: 283-87, April 1914.
602. **Skinner, Hubert M.** Some causes of "inefficiency." *Educational foundations*, 25: 407-12, March 1914.  
 The author speaks particularly of inefficiency in the teaching of arithmetic.
603. **Student und pädagogik, II.** Erste studentisch-pädagogische tagung zu Breslau am 6. und 7. oktober 1913. Hrg. von Alfred Mann. Leipzig und Berlin, B. G. Teubner, 1914. 55 p. 8°. (Säemann-schriften für erziehung und unterricht, heft 9)  
 Contains: Student und erziehungsproblem, von G. Wyneken; von W. Stern. Student und schuleform, von Chr. Papmeyer. Ziele und wege der studentisch-pädagogischen gruppen an reichsdeutschen universitäten, von W. Benjamin. Die arbeiten des akademischen committees für schuleform, von S. Bernfeld. Zum inneren und äusseren ausbau der studentisch-pädagogischen bewegung, von A. Mann. Diskussion.
604. **Taylor, A. R.** Justification of method. *Oklahoma school herald*, 22: 6-8, 6-9, March, April 1914.  
 Address before the Oklahoma educational association at Tulsa, Okla., December 1913.

## EDUCATIONAL PSYCHOLOGY, CHILD STUDY.

605. **Becht, J. George.** Bright pupils and dull pupils. *Journal of education*, 79: 395-96, April 9, 1914.  
 Discusses how the interests of the bright child and the deficient child may be best met in the schools.
606. **Brown, George A.** Helps from the use of standard scales of attainment in school subjects. *School and home education*, 33: 300-2, April 1914.  
 Presents reports from two teachers, one on the use of the Ayres handwriting scale and the other on the use of uniform tests in arithmetic and the value of the Courts system of recording grades.
607. **Cajori, Florian.** A new marking system and means of measuring mathematical abilities. *School science and mathematics*, 14: 283-93, April 1914.  
 "Read before the Mathematics section of Central association of science and mathematics teachers at Des Moines, Iowa, November 29, 1913."
608. **Clark, L. P.** Psychopathic children. *New York medical journal*, 99: 709-20, April 11, 1914.  
 An elaborate account of the work done by the mental clinic of the Board of education, New York city. This clinic was established on October 20, 1913, in connection with and under the general direction of the division of ungraded classes. The consulting staff is composed of experienced alienists, neurologists, educators, sociologists, and psychologists. All nervously abnormal children are studied. Cases are cited, and illustrations given.
609. **Courtis, S. A.** Standard tests in English. *Elementary school teacher*, 14: 374-82, April 1914.  
 Declares that the greatest need of the educational world, from the viewpoint of the efficiency of teaching, is "scientific yet practical measures of the fundamental abilities actually being developed by school work." The writer cites four functions of standard educational tests. Gives interesting graphic charts to exemplify problems.
610. **Dally, J. F. H., and others.** Biometric and eugenic studies of elementary school children. *Child*, 4: 495-508, April 1914.  
 An investigation based on the results of medical inspection for the London county council of 975 children at the Jews' free school, London. Object of inquiry to determine "the correlation, if any, between environment and physical and mental conditions of Jewish children." Statistical tables and graphs.

# CURRENT EDUCATIONAL PUBLICATIONS.

611. **Davies, G. B.** Elements of arithmetical ability. *Journal of educational psychology*, 5: 131-40, March 1914.  
"Classes in arithmetic were given certain tests more or less closely connected with the routine work. While the correlation between computation and reasoning was low, the correlation between their average and the term grade was high. Ability to visualize was also found to correlate somewhat closely with arithmetical power."
612. **Fralley, L. E., and Crain, C. M.** Correlation of excellence in different school subjects based on a study of school grades. *Journal of educational psychology*, 5: 141-54, March 1914.  
Results of investigations show that "there is a strong probability that a student who receives high marks in one subject will attain a fairly high rank in other subjects, and that a student who is poor in one will be poor in all."
613. **Godin, Paul.** La croissance pendant l'age scolaire; applications éducatives. Neuchâtel, Delachaux & Niestlé [etc., etc., 1913] 301 p. illus. 12°. (Collection d'actualités pédagogiques)
614. **Judd, Charles H.** Reading tests. *Elementary school teacher*, 14: 365-73, April 1914.  
Defines the different types of reading; notes the contrast between little children and adults.
615. **Russell, L. J.** An introduction to logic from the standpoint of education. London, Macmillan and co., limited, 1914. 137 p. 12°.  
"Describes the main aspects of the thinking process with the view of giving the teacher a clear idea of the fundamental things to aim at in getting the child to think."
616. **Stern, L. William.** The psychological methods of testing intelligence. Tr. from the German by Guy Montrose Whipple. Baltimore, Warwick & York, inc., 1914. 160 p. 12°. (Educational psychology monographs, no. 13)  
Bibliography: p. 147-152.
617. **Thorndike, Edward L.** Educational psychology. Vol. III. Mental work and fatigue and individual differences and their causes. New York, Teachers college, Columbia university, 1914. 408 p. 8°.
618. **Wallin, J. E. Wallace.** The mental health of the school child. The psycho-educational clinic in relation to child welfare. New Haven, Conn., Yale university press, 1914. 300 p. 12°.
619. **Wardell, Harriet S.** The problem of the abnormally bright child. *Normal instructor and primary plans*, 23: 15-16, May 1914.  
Describes the work of the "Self-activity class" in Nathan Hale school, New Brunswick, N. J.

## SPECIAL METHODS OF INSTRUCTION.

620. **Oowles, Julia Darrow.** The art of story-telling; with nearly half a hundred stories. Chicago, A. C. McClurg & co., 1914. 269 p. 12°.
621. **Gregory, J. W.** The educational value of the cinematograph. *School world*, 18: 132-34, April 1914.  
Says that the moving-picture is "an educational instrument of such high value that those who cater for popular amusement must not be allowed the monopoly of its use." Meets certain objections to its use. See also the report of the Glasgow conference on the cinematograph in education, in same number, p. 143-44.
622. **Kemmler, F.** Diapositiv und film im biologisch-hygienischen unterricht. *Archiv für pädagogik*, 2: 289-99, March 1914.  
Describes production and use of motion picture films for hygiene instruction in Germany.
623. **Oleott, Frances J.** Story-telling as a means of teaching literature. *Public libraries*, 19: 141-46, April 1914.  
Read before the New York state teachers' association.
624. **Zirkle, K. W.** Possibilities of education by moving pictures. *Colorado school journal*, 29: 11-13, March 1914.  
Read before the Colorado school-masters' club, January 23, 1914.  
The author takes exception to Mr. Pitt, who says, in the February number of the Colorado school journal, that moving pictures "are not and never can be educative."



## SPECIAL SUBJECTS OF CURRICULUM.

625. **Andress, J. Mace.** The teaching of hygiene below the high school. *Elementary school teacher*, 14: 393-99, April 1914.  
Conclusion of paper begun in March issue of *Elementary school teacher*. Says that "the first step toward getting children to develop the ideals of health is to get them to form the right habits." Discusses methods of teaching hygiene.
626. **Ballard, Anna W.** Efficient teaching of a modern language. *Educational review*, 47: 379-90, April 1914.  
Says that the most important phase of language teaching is the work of the first two years, especially the work of the first year.
627. **Canby, Henry S.** Writing English. *Harper's magazine*, 128: 778-84, April 1914.  
Discusses undergraduate work in English at American universities and colleges.
628. **Edwards, Charles L.** Nature play. *Popular science monthly*, 84: 330-44, April 1914.  
Draws distinction between German methods and American methods of nature study. Says that "the individuality of the human being must be recognized and respected in the grammar-school grades as well as in the kindergarten, high school, college and university." Deprecates the teaching of all subjects by one teacher in the primary grades. Illustrated.
629. **Epps, Mrs. Claude.** The place of science teaching in general education. *Parents' review*, 25: 177-89, April 1914.  
Advocates science teaching in schools, but not to the exclusion of the humanities. Value of nature study.
630. **Foster, Herbert Darling.** Adequate tests in history. *History teacher's magazine*, 5: 118-23, April 1914.  
Gives, first, Questions proving the most adequate tests in individual college entrance examinations, 1913, and second, Questions proving most adequate tests in the board examinations.
631. **Fulton, Robert Irving.** College courses in public speaking. *Public speaking review*, 3: 205-9, March 1914.  
Paper given before the National council of teachers of English, Chicago, Illinois, November 28, 1913.  
Gives ten courses that are given at the Ohio Wesleyan university.
632. **Gray, Mason D.** Coordinating Latin with other high school subjects. *School review*, 22: 217-26, April 1914.  
Discusses coordination in grammar; vocabulary; history, etc. The coordination with English involves "an agreement upon a list of books pertaining to Greek and Roman life which all Latin pupils will read and count as part of their prescribed English reading."  
Complete biology list in *Classical Journal*, 9: 301-6, April 1914.
633. **Hall, Walter Phelps.** Why I have a bad education. *Outlook*, 106: 848-52, April 18, 1914.  
A criticism of classical training.
634. **Kühnert, Herbert.** Die stellung der soziologie an den amerikanischen universitäten. *Akademische rundschau*, 2: 322-32, March 1914.  
A brief summary by institutions and courses of the work in sociology in American colleges and universities.
635. **Lietzmann, Walther.** Die organisation des mathematischen unterrichtes in den preussischen volks- und mittelschulen. Leipzig und Berlin, B. G. Teubner, 1914. 106 p. 4°. (Abhandlungen über den mathematischen unterricht in Deutschland, veranlaßt durch die Internationale mathematische unterrichtskommission, hrg. von F. Klein. bd. V, hft. 6)
636. **Lull, Herbert G.** The revaluation of classical instruction. *American school-master*, 7: 157-65, April 1914.
637. **Mais, S. P. B.** The teaching of Shakespeare in public schools. *School world*, 16: 124-28, April 1914.  
How to imbue pupils with a love for Shakespeare. Criticizes old systems of teaching.

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638. **Navarre, Ch.** *Le latin dans l'enseignement secondaire.* Revue internationale de l'enseignement, 34: 199-215, March 1914.  
The author claims that the relationship between Latin and French is too close to admit of discarding the former from the schools.
639. **Paul, Harry G.** On handling supplementary reading. English journal, 3: 212-19, April 1914.  
To be concluded.
640. **Payot, Jules.** *L'apprentissage de l'art d'écrire.* 2. éd. Paris, A. Colin, 1914. 394 p. 12°.
641. **Philpott, O. H.** Live biology for high schools. Missouri school journal, 31: 154-56, April 1914.
642. **Pöhlmann, Robert von.** Die bedeutung der antike für staatsbürgerliche belehrung und erziehung. Humanistische gymnasium, 25: 1-24, March 1914.  
A strong plea for "the great school of the ancients" as preparation for the highest type of citizenship.
643. **Rogers, Francis.** The singing teacher. Scribner's magazine, 55: 466-68, April 1914.  
Criticizes the so-called "scientific" school of singing, which is based on "physiology rather than on psychology and aesthetics."
644. **Smith, T. M.** The need of greater thoroughness in geometry and how to secure it. Ohio teacher, 34: 392-95, April 1914.
645. Suggestions for the teaching of geography. Schoolmaster, 85: 699-702, April 4, 1914.
646. **Trafton, Gilbert H.** Preparing normal students to teach children about birds. Nature study review, 10: 84-93, March 1914.  
Discusses the work with birds as carried on in the State normal school of Mankato, Minnesota.
647. **Wilcox, W. H.** The "Hopkins" report on the labor and cost of English teaching. Atlantic educational journal, 9: 262-64, March 1914.
648. **Williams, Edward H.** Temperance instruction in public schools. Survey, 32: 74-76, April 18, 1914.  
A criticism of the textbooks on physiology and hygiene as regards their treatment of the temperance question. Writer says that the relative consumption of liquors and tobacco since scientific temperance instruction has been in active operation has increased in this country. In the face of official figures the school textbooks continue to make the assertion that "the actual quantity of alcoholic drinks consumed is steadily decreasing." The cigarette evil has also increased.
649. **Wolfe, A. B.** Shall we have an introductory course in social science? Journal of political economy, 22: 253-67, March 1914.  
"The belief that some sort of general introductory course in social science should be offered freshmen and sophomores before they take up the specific study of economics, political science, or sociology is apparently taking definite form in the minds of a considerable number of teachers."
650. **Wood, George O.** A practical course in biology. School science and mathematics, 14: 327-37, April 1914.  
The course here fully outlined is adapted to cover the first year of the high school course.
651. **Woolley, Edwin C.** Admission to freshman English in the university. English journal, 3: 238-44, April 1914.  
Results of conditions at University of Wisconsin; information as to "the causes that have for years produced, and still continue to produce, the disbarment from the freshman English course in the University of from 15 to 20 per cent of the entering freshmen on the ground of unfitness to pursue an English course at college grade." Gives requirements, grouped under two heads: Mental grasp and Correctness.
652. **Yocum, A. Duncan.** Mathematics as a means to culture and discipline. Mathematics teacher, 6: 135-57, March 1914.

## KINDERGARTEN AND PRIMARY SCHOOL.

653. **Grant, Cecil.** English education and Dr. Montessori. With introduction by C. W. Saleeby. London, W. Gardner, Darton & co., ltd. [1913] xvii, 105, [1]p. 12°.



654. **Holmes, Henry W.** The kindergarten and the primary school. An attempt to bridge a gulf. Kindergarten review, 24: 473-82, April 1914.
655. **Jaffe, Lisa.** Ein tag in der Montessori schule. Säemann, March 1914, p. 97-103.  
Record of personal experience of a German teacher in an English Montessori school.
656. **O'Grady, Alice.** American kindergartens and Montessori schools. Educational bi-monthly, 8: 298-306, April 1914.  
Paper read at the Wisconsin state teachers association, Milwaukee, November 6, 1913.
657. **White, Jessie.** Montessori schools as seen in the early summer of 1913. London, H. Milford; [etc., etc.] 1914. 185 p. 16<sup>o</sup>.
658. **Witmer, Lightner.** The Montessori method. Psychological clinic, 8: 1-5, March 15, 1914.  
To be continued.  
The author claims that Montessori is the first person to give the world a convincing demonstration that methods which are successful in developing the mental capacities of feeble-minded children are even more successful in developing the mental powers of normal children.

## RURAL EDUCATION.

659. **Beech, Frank A.** Music in rural communities. School music, 15: 7-10, March 1914.  
Considers first the importance of the problem and tells of some things that should be done towards its solution.
660. **Cummins, Robert A.** Principles of rural school supervision. Northwest journal of education, 25: 373-76, April 1914.  
Summarizing the author says that "increasing efficiency" on the part of teacher, "ample provision" on the part of the constituency, "self-sufficiency" as a goal, "business methods" as an ideal, and the "missionary spirit" permeating the whole range of activities, all conceived and worked out together constitute what is meant by "scientific supervision of education."
661. **Doyme, John J.** Preparation of teachers for rural schools. American school-master, 7: 166-72, April 1914.  
Address given before the Department of normal schools of the National education association at Richmond, Va., February 26, 1914.
662. **Dresslar, Fletcher B.** Some suggestions relative to country schoolhouses. American school board journal, 48: 17, April 1914.
663. **Fleming, Ada M.** Music for rural schools. Oregon teachers' monthly, 18: 474-78, April 1914.  
Gives an outline of a course of study for nine months.
664. **Friend, L. L.** The opportunity of our rural high school. West Virginia educator, 8: 2-4, March 1914.  
Suggests short courses such as those given in the folk high schools of Denmark.
665. **Hummel, W. G.** A new discovery by an agricultural college. American review of reviews, 49: 440, April 1914.  
Describes "ministers' week" at the University farm school, Davis, California. Lectures given on agriculture and rural community improvement; social and other activities of the rural church, etc.
666. **Lynn, Margaret.** The path of learning. Atlantic monthly, 113: 501-9, April 1914.  
Experiences in an old-fashioned rural school.
667. **Odum, Howard W.** The relation of the high school to rural life and education. High school quarterly, 2: 139-47, April 1914.
668. **Shawkey, M. P.** What shall we do with the single-room school? Southern school journal, 25: 12-15, March 1914.  
Address before the National education association, 1913.

## SECONDARY EDUCATION.

669. **Brown, H. A.** The reorganization of secondary education in New Hampshire. *School review*, 22: 235-48, April 1914.  
Continued from March number of *School review*. Treats of the type of rural high-school plant; curriculum in mechanic arts; and reconstructed pedagogy of the secondary school.
670. **Davis, John N.** An experiment in the classification of high-school students. *Western teacher*, 22: 244-47, March 1914.  
"Superintendent Davis has pointed out a weakness in the prevailing method of classifying high-school students, and has given one solution of the problem—a solution which points toward a better plan."—Editor.
671. **Humphries, Florence Y.** The case of the high schools. *Educational review*, 47: 366-78, April 1914.  
Writer says the reason why "the high-school product is unsatisfactory, primarily to the state, secondarily to higher education everywhere, is found in the high schools themselves, first in their own ignorance of the desired end, and then in the lack of real teaching ability." Lays special stress on the alleged "inferior teaching and inferior ideals of teaching."
672. **Terrell, John B.** Some things about our high schools. *Virginia journal of education*, 7: 321-24, April 1914.  
To be continued.  
A brief review of the high school situation in Virginia.

## TEACHERS: TRAINING AND PROFESSIONAL STATUS.

673. **Eiselmeier, J.** Die Verweiblichung unseres Erziehungswesens. *Monatshefte für deutsche Sprache und Pädagogik*, 15: 77-82, March 1914.  
Declares "feminization" of schools due to three causes: The woman's movement; increase in higher education of women; willingness of women to work for lower pay than men.
674. **Finegan, Thomas E.** The policy of the state in determining the qualifications of high-school teachers. Albany, University of the state of New York, 1914. 19 p. 8°.
675. **Hewitt, Florence H.** The woman peril in American education. *Educational review*, 47: 411-17, April 1914.  
A reply to an article by Admiral Chadwick in February number of the *Educational review*.
676. **Milburn, J. Booth.** Teacher's registration in England. *Catholic educational review*, 7: 337-45, April 1914.  
The author sketches the origin and history of the movement for the registration of teachers and briefly considers the conditions for admission to the Register which the representatives of the various departments of the profession have laid down.
677. **New England association of teachers of English.** Report of the Committee on the training of English teachers. *Education*, 34: 473-90, April 1914.  
Also issued as leaflet no. 117 of the New England association of teachers of English, April 1914.  
Members of Committee: C. S. Thomas, W. M. Neilson, E. C. Black, William Orr, S. F. Holmes.
678. **Puncheon, Katherine E.** The teacher and the public schools. *Journal of the Association of collegiate alumnae*, 7: 25-32, March 1914.  
An address delivered before the Association of collegiate alumnae at the meeting in Ann Arbor, Michigan.
679. **Seerley, Homer H.** The preparation of high school teachers. *American schoolmaster*, 7: 120-24, March 1914.  
Address delivered before the Department of normal schools of the National education association, at Richmond, Va., February 26, 1914.

## HIGHER EDUCATION.

680. **Land grant college engineering association.** Proceedings of the second meeting . . . held at Washington, D. C., November 11-14, 1913. East Lansing, Mich., Lawrence and Van Buren printing co. 108 p. 8°. (G. W. Bissell, secretary-treasurer, East Lansing, Mich.)  
Contains: 1. J. P. Jackson: The land grant colleges and mechanic arts, p. 11-15. 2. W. J. Kerr: Some land grant college problems, p. 20-22; Discussion, p. 22-23. 3. O. V. P. Stout: Relation

between the divisions of agriculture and engineering in connection with college work on subjects of joint interest, p. 26-31; Discussion, p. 31-35. 4. J. B. Davidson: Engineering experiment stations: their origin, function, organization, and relations, p. 36-40; Discussion, p. 40-43. 5. L. E. Reber: Summary of engineering extension in the state universities and colleges, p. 47-51. 6. E. B. Norris: Engineering extension, p. 51-60; Discussion, p. 60-68. 7. Edward Orton, jr.: The status of the military department in the land grant colleges, p. 72-82.

681. **Religious education association.** Conference on the relation of higher education to the social order, New Haven, Conn., March 5-7, 1914. Papers. Religious education, 9: 99-154, April 1914.

Contains: 1. C. F. Thwing: Changing ideals in education—Social changes in the colleges since the civil war, p. 99-103. 2. A. T. Hadley: Education and the new morality—What do the social changes in American life demand of the higher education, p. 103-7. 3. Mary E. Woolley: What fundamental social characteristics may be developed by education, p. 109-12. 4. W. D. Hyde: The socializing value of fraternity life, p. 112-20. 5. J. R. Angell: The moral status of college students, p. 120-31. 6. S. C. Mitchell: Character and culture, p. 131-36. 7. B. C. Ewer: College training for life—The special course on social living, Reed college, p. 137-40. 8. A. B. Wolfe: Social focus of college studies—To what extent do the subjects pursued during the four years of the college course show a tendency toward a social focus? An investigation of the programs of students in Oberlin college, p. 141-5.

682. **Abbott, Lyman.** An American college in 1850. Outlook, 106: 676-95, March 28, 1914. illus.

Chapter III of the author's Reminiscences. This article narrates his experiences as a student at New York university.

683. **Butler, Nicholas M.** The freshman year. Educational review, 47: 406-10, April 1914.

Says: "Our great national vice is superficiality." Students badly fitted for college.

684. **Carpenter, William H.** The Association of American universities. Columbia university quarterly, 16: 158-68, March 1914.

An account of the fifteenth annual conference of the Association, held at the University of Illinois November 6-9, 1913, including the full text of President J. G. Hibben's paper on "The type of graduate scholar."

685. **Cattell, J. McKeen.** Democracy in university administration. Science, n. s. 39: 491-96, April 3, 1914.

Discusses among other things reforms in the direction of greater faculty control and less presidential autocracy. Says: "The undemocratic aspects of our academic life are almost wantonly enhanced by the position attained by the president with the ensuing hierarchy of deans, heads of departments and other officials."

686. **Haythornthwaite, J. P.** The new St. John's college, Agra (India). Church missionary review, 65: 150-56, March 1914.

History and activities of the college. Problem of education in India.

687. Imagination in college. A symposium, by G. E. Vincent, E. J. James, Frank Strong, W. L. Bryan. Nation, 98: 291-94, March 19, 1914.

688. **Keppel, Frederick Paul.** Columbia. New York, Oxford university press, American branch, 1914. xvi, 297 p. illus. 12°. (American college and university series)

A book about Columbia university giving its history, describing its equipment as it exists to-day, how it is governed, its various departments, facilities for graduate study, the teaching staff—past and present, students and student life, and how the academic year is spent.

689. **Langstaff, John Brett, ed.** Harvard of to-day from the undergraduate point of view. Cambridge, Harvard federation of territorial clubs at the Harvard union, 1913 [1914] 102 p. illus. 8°.

690. **Passano, Leonard M.** The college as a commercial factory. Educational review, 47: 343-65, April 1914.

Part two of an article which appeared in the Educational review for December 1913. A plea against automatism in education.

691. **Potter, Alicia.** The upward trend: Girard college, the legacy of a Mason. New age, 20: 312-19, April 1914.

A descriptive article on Girard college, Philadelphia, with sketch of the founder, Stephen Girard. Illustrated. See also editorial on p. 347-48.

692. **Reynolds, J. H.** Equitable treatment of credits from other colleges. *High school quarterly*, 2: 151-54, April 1914.
693. **Sardou, Prosper.** Les hautes études techniques et l'Université. *Revue internationale de l'enseignement*, 34: 216-21, March 1914.
694. **Steffens, Lincoln.** I. How to get an education even in college. II. How college students can educate themselves. *Harper's weekly*, 58: 9-11, April 11; 18-20, April 18, 1914. illus.
695. **Taft, William Howard.** The college slouch. Where did it come from? What does it indicate? Where may it lead a boy? *Ladies' home journal*, 31: 13, 67, May 1914.  
Discusses "the lack of physical discipline, the lack of erect bearing, the indifferent manners and slouchy dress" among American college students.
696. **Tombo, Rudolf.** Comparative registration statistics. *Science*, 39: 454-56, March 27, 1914.  
Emphasizes the point that no student should be counted in the enrollment of a university who has not offered graduation from a secondary school for admission.
697. A victory for democracy in education. The Vanderbilt university case decided against the church. By a special correspondent. *Independent*, 78: 24, April 6, 1914.  
Decision of the Supreme court of Tennessee in the Vanderbilt university case. University freed from the control of the bishops of the Methodist Episcopal church, South.
698. **Wall, Edward.** Reminiscences of Princeton college 1845-1848. Princeton, Princeton university press, 1914. 35 p. 8°.
699. **Wesbrook, F. F.** The provincial university in Canadian development. *Science*, 39: 407-18, March 20, 1914.  
Address given on inauguration as first president of the University of Manitoba, Winnipeg, November 19, 1913. Discusses the scope, value and cost of provincial universities; the professional departments, etc.

## SCHOOL ADMINISTRATION.

700. **National education association.** Department of superintendence. [Papers presented at the meeting held at Richmond, Va., February 22-28, 1914] *Journal of education*, 79: 313-19, 399-402, March 19, April 9, 1914.  
Continued from issue of March 12.  
Contains: 1. G. D. Strayer: The purpose, nature and conduct of school surveys.—2. C. N. Kendall: Standards and tests of efficiency in geography.—3. F. E. Spaulding: Tests of administrative efficiency.—4. L. P. Ayres: Differentiation in courses of study.—5. F. W. Smith: Organization of the practice school for training in the art of teaching and for professional study.—6. L. P. Cubberley and E. C. Elliott: Rural school administration.—7. J. J. Doyno: The preparation of teachers for rural schools.—8. T. A. Mott: Sex hygiene.—9. J. W. Carr: The teaching of sex hygiene in the public schools.—10. C. G. Pearce: Sex hygiene—what the schools can do (also in *Educational exchange*, 29: 29-32, April, 1914).
701. **Pennsylvania state educational association.** [Section meetings] *Pennsylvania school journal*, 62: 379-435, March 1914.

## Department of City and Borough Superintendents.

Contains: 1. J. J. Palmer: Measurement of education, p. 379-81. 2. C. C. Green: Moral ideas and ideas about morals, p. 386-89. 3. J. A. Gibson: What are reasonable requirements of cultural attainment in schools? p. 391-94. 4. W. S. Deffenbaugh: Efficient administration in small city schools, p. 394-98.

## County Superintendents' Department.

5. D. W. Armstrong: A few urgent needs of the country schools, p. 398-402. 6. C. E. Dickey: Rural school in the rural life movement, p. 405-407. 7. W. A. Patton: Better preparation of teachers, p. 413-14. 8. W. G. Dugan: Professional training for beginners in teaching, p. 414-16. 9. L. M. Jones: Training of teachers for country schools, p. 416-18.

## Township Schools Department.

10. Irene Darr: The little alien, p. 421-24. 11. G. A. Brinker: Agriculture in the public schools, p. 424-27. 12. M. W. Gwynne: More efficient higher education for the country boy and girl, p. 427-31. 13. H. W. Firth: Possibilities of township school, p. 431-33.



702. **Dyer, Franklin B.** Practical questions in the problem of supervision. Teacher, 18: 123-27, April 1914.

Abstract of Dr. Dyer's address at a meeting of Superintendents and principals of Philadelphia.

703. **Elliott, Edward C.** City school supervision. A constructive study applied to New York city. Yonkers-on-Hudson, N. Y., World book company, 1914. xiv, 258 p. 8°. (School efficiency series, ed. by P. H. Hanus)

This volume contains Prof. Elliott's contribution to the report submitted by Prof. Hanus to the Committee on school inquiry of the Board, of estimate and apportionment of the city of New York, with a few changes, most of them unimportant.

704. **Hess, William Lyndon.** Corporal punishment. School news of New Jersey, 3: 5-6, April 1914.

The author advocates that every state in the Union should provide for corporal punishment in schools, but that the laws should give definite and explicit instructions as to how, when, where, and why corporal punishment must be administered.

705. **Hutchinson, J. Howard.** School costs and school accounting. New York city, Teachers college, Columbia university, 1914. 151 p. 8°. (Teachers college, Columbia university. Contributions to education, no. 62)

"The purpose of this investigation was to determine standard unit costs of public education. Thirty-eight cities were visited in order to obtain the data necessary."

706. **Mayers, Lewis.** The New York school inquiry. National municipal review, 3: 327-39, April 1914.

Shows some of the tangible results of the school inquiry; the compulsory attendance service has been reorganized; course of study has been and is being revised along the lines suggested by the committee's specialists, etc., etc.

707. **Poincaré, Raymond.** Public education. In *his How France is governed*, tr. by Bernard Miall. New York, McBride, Nast & company, 1914. p. 279-314.

708. **Springer, Isidore.** Teachers' year book of educational investigations. City of New York, Department of education, Division of reference and research, 1914. 12 p. 8°. (Bulletin no. 1)

"A brief summary of notable investigations, showing the progress made up to the present time in the determination of standards for the subjects of the school curriculum, general intelligence, and school management and administration."

709. **Sutton, W. S.** Extension and improvement of county supervision. Texas school magazine, 16: 9-10, 29-30, March 1914.

710. **Vance, William McKendree.** How shall the superintendent measure his own efficiency? Ohio educational monthly, 63: 145-49, April 1914.

Read before the Department of superintendence, National education association, Richmond, Virginia, February 26, 1914.

711. **Welch, F. A.** How much tuition shall be charged in the public schools of Iowa? Midland schools, 28: 235-38, April 1914.

Deals exclusively with tuition in regard to high schools.

712. **Yocum, A. Duncan.** Determination of the course of study. Texas school magazine, 16: 14-15, April 1914.

Address at the meeting of the Department of superintendence, National education association, Richmond, Virginia, February 1914.

#### SCHOOL MANAGEMENT.

713. **Avent, Joseph E.** The relative system of grading. North Carolina education, 8: 8-9, April 1914.

An explanation of the relative system of grading students in the different subjects.

714. **Deffenbaugh, W. S.** Discipline in the elementary schools. West Virginia school journal, 43: 11-15, April 1914.

"Read at the Mannington meeting of the Monongahela Valley round table."

715. **Grupe, Mary A.** Some bearings for the teacher of recent studies of "school marks." Northwest journal of education, 25: 294-97, March 1914.

This article deals with the application and use of the marking system.



716. **Lowe, L. A.** Discipline and individuality. Parents' review, 25: 161-76, March 1914.

Mental discipline in the education of the child must be fused with moral discipline. Mental discipline in its last analysis is the power of concentration.

717. **Partlow, Leo L.** Problem of waste in the grade school. Arkansas teacher, 2: 1-4, April 1914.

The author discusses first the causes of waste and then the remedies.

#### SCHOOL ARCHITECTURE.

718. **Beach, Wilfred W.** Selecting a school architect. American school board journal, 48: 9-10, 68, April 1914.

719. **Bruce, William C., comp.** Grade school buildings. Milwaukee, The Bruce publishing company [1914] 255 p. f°.

A collection of plates and plans of "simple and substantial" school buildings.

720. **Schoenfelder, L.** Amerikanische schulen. Schulhaus, 16: 105-22, heft 3, 1914.

Comments on American schoolhouses. Illustrated with a large number of views and plans.

#### SCHOOL HYGIENE AND SANITATION.

721. **International congress on hygiene and demography.** 15th, Washington, D. C., September 23-28, 1912. Proceedings of Section VII—Hygiene of infancy and childhood: School hygiene. Washington, Government printing office, 1913. 487 p. illus. 8°. (*Its Transactions*, vol. 3, pt. 1.) (John S. Fulton, secretary-general, 16 West Saratoga street, Baltimore, Md.)

Contains: 1. Mary S. Macy: Instruction in child hygiene, p. 10-16. 2. I. S. Wile: A plan for teaching hygiene in the public schools, p. 17-22. 3. S. A. Knopf: Open-air schools and open-air instructions with breathing exercises in schools and colleges to prevent tuberculosis and other diseases, p. 23-38. 4. Grace N. Kimball: Some fundamentals of the hygiene of the teacher, p. 39-48. 5. E. O. Brown: Sex instruction and hygiene of boyhood, p. 55-68. 6. M. A. A. Rey: L'école de l'avenir, p. 108-16. 7. J. T. A. Walker: The routine disinfection of schools, p. 131-35; Discussion, p. 135-38. 8. Caroline Hedger: The school children of the stockyards district, p. 170-88. 9. A. T. Cabot: The management of tuberculosis among school children, p. 189-95. 10. Adolf Baginsky: Kinderkrankheiten während des schullebens, p. 196-208. 11. W. H. Burnham: Mental hygiene in the school, p. 209-16. 12. C. W. Crampton: The significance of physiological age in education, p. 224-36. 13. W. E. Chancellor: The relation of teacher and pupil, with especial reference to the education of immigrants and of their children in American public schools, p. 237-45. 14. Leo Burgerstein: Results to individuals from medical inspection, p. 245-55. 15. W. S. Small: Some important aspects of efficient medical inspection of schools—a school man's view, p. 255-64. 16. Helen MacKurchy: What medical inspection of schools can do for the teacher, p. 265-68. 17. T. A. Storey: A follow-up system in medical inspection, p. 268-72. 18. Helene F. Stelmer: Die schülerin an den höheren mädchenschulen, eine sozial-hygienische forderung, p. 273-85. 19. H. L. Colt: The public school as a possible factor in preventing infant and child mortality, p. 286-90. 20. Konrad Cohn: The preservation of the teeth in schools in Germany, and the work of the German central committee for dental hygiene, p. 343-49. 21. S. A. Knopf: Dental hygiene for the pupils of public schools, p. 350-59. 22. J. W. Brannan: The prophylactic and therapeutic value of fresh air in schools and hospitals, including heliotherapy, p. 406-12. 23. Frans Boas: Remarks on the anthropological study of children, p. 413-20. 24. J. H. McCurdy: Physical efficiency tests during adolescence, p. 420-28.

722. **Cruikshank, Lewis D.** School clinics at home and abroad, with general introduction by W. Leslie Mackenzie. London, The National league for physical education and improvement, 1913. 171 p. illus. 8°.

723. **Davis, John M.** Idleness at the root of the tobacco evil in children. Wisconsin journal of education, 46: 70-73, March 1914.

Gives the conclusions drawn from observations which have been made in three small high schools for a period of seven years.

724. **Henneberg, H.** Ein beitrage zur masernfrage. Zeitschrift für schulgesundheitspflege, 37: 184-88, March 1914.

Diphtheria measles is a specially important disease of children of school age, and measures for control.

725. **Rapeer, Louis W.** The administration of educational hygiene. *American education*, 17: 398-402, March 1914.  
 An address before the Child hygiene section of the National education association meeting, Salt Lake City, July 1913.  
 The author gives "some suggestions in regard to a tentative standard plan for the administration of educational hygiene, with special reference to medical inspection."
726. **Stephani, G.** Internationaler kongress für schulhygiene in Buffalo, N. Y., 1913. *Zeitschrift für schulgesundheitspflege*, 27: 200-21, March 1914.  
 This article—one of a series on the International congress of school hygiene—discusses in some detail the papers on sex hygiene, crippled children, mental hygiene, medical inspection, physical education, conservation of vision, school lunches, Binet tests, etc.

## SEX HYGIENE.

727. **Poster, William T.** Agencies, methods, materials, and ideals of sex education. *School review*, 22: 256-61, April 1914.  
 "The idea of sex 'must be spiritualized; the right education of the emotions is fundamental.' Under the head of ideals the writer sums up many interesting phases of the subject. Says that 'specialists' in sex education are undesirable as instructors of boys or girls, in or out of school. This article forms the final chapter of *The social emergency, studies in sex hygiene and morals*, ed. by W. T. Foster. Boston, New York [etc.] Houghton Mifflin company [1914] 224 p. 12°.
728. **Grinstead, Wren J.** Reading for teachers of sex hygiene. *School review*, 22: 249-55, April 1914.  
 Gives lists of the best works on sex hygiene—general works, sexual psychology, biological and anthropological aspects of sex, etc.
729. **Hood, Mary G.** For girls and the mothers of girls. A book for the home and the school concerning the beginnings of life; with introduction by Sarah Louise Arnold. Indianapolis, The Bobbs-Merrill company [1914] 157 p. illus. 12°.
730. **Klemme, E. J.** Sex education. *School news and practical educator*, 27: 342, April 1914.  
 Adverse to the teaching of sex hygiene in the public schools.
731. **Lowry, E. B.** Teaching sex hygiene in the public schools. Chicago, Forbes and company, 1914. 94 p. 12°.
732. **Münsterberg, Hugo.** Sex education. In *his Psychology and social sanity*. Garden City, N. Y., Doubleday, Page & co., 1914. p. 3-68.  
 "Last summer I published in the New York Times an article which dealt with the sex problem. It led to vehement attacks from all over the country. The present long paper replies to them fully. . . . The advocates of sexual talk now have the floor; from now on I shall stick to the one policy in which I firmly believe, the policy of silence."—Author in Preface.
733. **Reppner, Agnes.** The repeal of reticence. *Atlantic monthly*, 113: 297-304, March 1914.

## PHYSICAL TRAINING.

734. **National collegiate athletic association.** Proceedings of the eighth annual convention, held at New York city, New York, December 30, 1913. 92 p. 8°. (F. W. Nicolson, secretary, Middletown, Conn.)  
 Contains: 1. G. W. Ehler: The regulation of intercollegiate sport, p. 56-63. 2. James Nasmith: Basket ball, p. 63-75.
735. ——— Report of Committee on the encouragement of intra-collegiate and recreative sports . . . Presented at the eighth annual convention, December 30, 1913. 18 p. 8°.
736. **Demeny, Georges Emile Joseph.** L'éducation de l'effort; psychologie-physiologie. Paris, F. Alcan, 1914. 228 p. 12°.
737. **Dunn, Arthur Wallace.** Military camps for college students. *American review of reviews*, 49: 321-26, March 1914.

738. Ehler, George W. The regulation of intercollegiate sport. Mind and body, 21: 6-13, March 1914.  
"Read before the eighth annual convention of the National collegiate athletic association, New York city, December 30, 1913."
739. Fauver, Edwin. A suggestion for making required physical training of greater value to the college graduate. American physical education review, 19: 200-3, March 1914.  
"Read at the annual meeting of the Society of the directors of physical education in colleges, New York, December 31, 1913."
740. Jordan, Caryl. The Greek ideal in physical training. World's work (London) 23: 374-89, March 1914.  
Search for the Greek ideal. Work of Mrs. Roger Watts, who has endeavored to master the principles of Greek perfection in athletics. Illustrated.

## SOCIAL ASPECTS OF EDUCATION.

741. Greenwood, James M. The social function of the school. Journal of education, 79: 372, April 2, 1914.  
Address at the Department of superintendence, National education association, Richmond, Virginia, February 1914.
742. Sandiford, Peter. Heredity and education. Child, 4: 509-17, April 1914.  
Also in School, 2: 491-94, April 1914.  
Such studies, says the writer, tend to make education increasingly democratic. Present system of education devised for the scholar, while little attention has been given to the "doer," the manual worker. Advocates a greater differentiation in schools, and a considerable reduction in the size of classes.

## CHILD WELFARE.

743. Fuller, A. C. Community work for boys and its relation to public schools. School and home education, 33: 284-88, April 1914.  
Mr. Fuller is the inspector of state high and graded schools of Iowa. He describes the work at Washington, Iowa, begun by the Men and religion-forward movement.
744. Morse, John Lovett. The care and feeding of children. Cambridge, Harvard university press, 1914. 53 p. 12°. (Harvard health talks)  
This series of talks presents the substance of some of the public lectures delivered at the Medical school of Harvard university.

## MORAL EDUCATION.

745. Brubacher, A. B. Ethical training in the schools. School, 25: 301, April 9, 1914.  
The argument of Superintendent Brubacher, of Schenectady, New York, to rank ethical training in importance with history and English.
746. Loew, Joseph. Ethics in the public schools. American teacher, 3: 50-54, April 1914.  
Read before the monthly teachers' meeting, DeWitt Clinton high school, March 1914.  
In considering this problem the author has limited himself strictly to the practical question of what we can do, of a positive nature, to teach ethics.

## RELIGIOUS EDUCATION.

747. Huse, Raymond H. The soul of a child. Cincinnati, Jennings and Graham; New York, Eaton and Mains [1914] 168 p. 12°.
748. McElfreah, Franklin. The training of Sunday school teachers and officers. New York, Eaton & Mains; Cincinnati, Jennings & Graham [1914] 230 p. 12°.
749. O'Donnell, William Charles, jr. Creed and curriculum. A discussion of the question, Can the essentials of religious faith and practice be taught in the public schools of the United States? New York, Eaton & Mains; Cincinnati, Jennings & Graham [1914] 119 p. 12°.  
First published as a series of articles in Educational Foundations.

750. **Richardson, G. H.** The value of archaeological study for the biblical student. *Open court*, 28: 197-202, April 1914.  
A bibliography is appended. Much misunderstanding of the Bible is due to the neglect of archaeological study. Says writer: "Fancies have given way to facts, and history has taken the place of myth."
751. **Temple, W.** Education and religion among working men. *Constructive quarterly*, 2: 188-96, March 1914.  
Describes some interesting extension summer meetings at Oxford and Cambridge universities, England, where religious and social problems are freely discussed by clergymen and workmen.

## MANUAL AND VOCATIONAL TRAINING.

752. **National society for the promotion of industrial education.** Proceedings of the seventh annual meeting, Grand Rapids, Michigan, October 23-25, 1913. Peoria, Illinois, Manual arts press [1914?]. 261 p. 8°. (*Its Bulletin*, no. 18) (C. A. Prosser, secretary, 20 West 44th street, New York, N. Y.)  
Contains: 1. L. E. Reber: What laws for vocational education should Michigan adopt? "dual" or "unit" control? p. 15-26. 2. John Dewey: Should Michigan have vocational education under "unit" or "dual" control? p. 27-34. 3. A. D. Dean: State-wide compulsory continuation education, p. 40-54. 4. David Snedden: Summation of the discussion, p. 55-60. 5. Frank Duffy: The new Indiana law for vocational education, p. 60-65. 6. W. N. Ferris: What vocational education and vocational guidance mean to Michigan, p. 72-82. 7. W. C. Redfield: What vocational education and vocational guidance mean to the future of the country, p. 83-95. 8. W. A. O'Leary: How can the evening school best meet the needs of the wage-worker? p. 101-107. 9. C. R. Richards: How shall we study the industries for the purposes of vocational education? p. 111-21. 10. F. M. Leavitt: How shall we study an industry, from the standpoint of vocational guidance? p. 122-25. 11. Ida M. Tarbell: What industrial training should we give the average girl? p. 132-35. 12. Mrs. Eva White: The place of homemaking in industrial education for girls, p. 136-48. 13. Cleo Murland: What the Society is planning to do for industrial education for girls and women, p. 149-55. 14. A. E. Dodd: What chambers of commerce can do for vocational education, p. 167-80. 15. E. W. Schultz: Cooperation of employers, p. 181-87. 16. W. M. Roberts: The development of part-time education in a large city, p. 203-16. 17. W. B. Field: Part-time schooling for the unskilled industries, p. 217-23. 18. S. O. Hartwell: Development of part-time education in the small cities, p. 224-29.
753. **Ayres, Leonard F.** Constant and variable occupations and their bearing on problems of vocational education. New York, Division of education, Russell Sage foundation [1914] 12 p. 8°. (Publication E 136)  
Also in *School and home education*, 33: 277-80, April 1914.
754. **Bawden, William T.** The administration of state aid for vocational education. Report of a series of conferences of state officials held under the auspices of the National society for the promotion of industrial education. [Peoria, Ill., Manual arts press, 1914] 13 p. 8°.   
Reprint from *Vocational education*, March 1914.
755. **Canada.** Royal commission on industrial training and technical education. Report of the commissioners. part 4. Ottawa, printed by C. H. Parmelee, 1913. xxv, 1639-2354, xxix p. 4°.   
Contains results of the inquiry in Canada.
756. **Carlton, Frank Tracy.** The industrial situation. Its effect upon the home, the school, the wage earner, and the employer. New York, Chicago [etc.] F. H. Revell company [1914] 159 p. 12°.   
Industry and the school system, p. 61-77.  
A presentation of the basic factors and principal phases of the recent industrial situation. Com-mended by the Commission on church and social service of the Federal council of the churches of Christ in America.
757. **Doster, James J.** Disciplinary value of the vocational subjects. *High school quarterly*, 2: 169-71, April 1914.  
Read before the Association of Southern colleges and preparatory schools at the Knoxville meeting, 1914.



768. [Industrial education in China. A symposium] Chinese recorder, 45: 138-58, March 1914.

Articles contributed by C. T. Wang, D. T. Huntington, Emily S. Hartwell, Ernest Stephens, etc.

Discusses industrial schools as a form of mission work; value of industrial training; methods of instruction; sociological and industrial aspects of the question, etc.

769. **Keogh, Sir Alfred.** The relations of science and industry. Educational times, 67: 190-92, April 1, 1914.

Describes the work of the Imperial college of science and technology, London. Scientific education in England, and its possibilities.

760. **Knox, C. W.** Manual training for agricultural schools. Manual training magazine, 15: 288-91, April 1914.

Manual training should be adapted to local conditions. Gives list of necessary materials for schools.

761. **Magnus, Philip.** Vocationalism. Nineteenth century, 75: 526-37, March 1914.

Vocational education question in England. Lays emphasis on the introduction of vocational teaching in the lower-grade schools. Says that such instruction should always be associated with general education; provision should be made in the daytime for the further instruction, on strictly practical lines, of all children between the ages of 14 and 16.

762. **Mann, C. B.** What is industrial science? Science, n. s. 39: 515-24, April 10, 1914.

Presented at the meeting of the Central association of science and mathematics teachers at Des Moines, November 29, 1913.

763. **Prüfer, Johannes.** Friedrich Froebel und die arbeitsschulidee. Arbeitsschule, 28: 65-77, March 1914.

Relation of Froebel to the arbeitsschule movement.

764. **Riordon, Raymond.** An outdoor school for boys, where development is gained from work as well as books. Craftsman, 26: 67-71, 92, April 1914.

Work of the Raymond Riordon school, N. Y. A plea for "constructive activity." Writer says that "constructive activity cannot be such without correlation of the intellectual, the academic, with the manual and the industrial."

765. **Shields, Thomas Edward.** Vocational training. Catholic educational review, 7: 346-59, April 1914.

The author discusses some recent articles on the subject. He thinks that "premature industrial training can only result in arrest of development, in rigidity of mental structure, and in a lowering of the industrial efficiency of the nation."

766. **Taylor, Edwin L.** The adaptation of manual training to community needs. Manual training magazine, 15: 263-74, April 1914.

Advocates an increase in the time devoted to manual training, thereby causing an increase in the materials used. It will then become necessary to make the manual-training department self-supporting to a large extent, which will automatically establish a high standard of workmanship. Shows results accomplished at Gary, Indiana; Pittsburgh, New York, etc. Says: "'Order-work' undertaken in the school shop is proof positive that manual training has in reality been adapted to the needs of the community."

767. **Thomas, F. W.** The apprentice schools of the Santa Fe railway system. Western school journal, 30: 102-106, April 1914.

A paper read at the meeting of the Department of superintendence of the National education association, Richmond, Va., February 25, 1914, by the Supervisor of apprentices of the Santa Fe railway system.

#### VOCATIONAL GUIDANCE.

768. **Durrell, Carleton E.** Vocational guidance in the Pasadena high school. Sierra educational news, 10: 184-98, March 1914.

769. **Giles, F. M.** Vocational guidance in high school. School review, 22: 227-34, April 1914.

Work accomplished in the De Kalb township high school, Illinois. Gives form sent to business men and factories.

770. **Gruenberg, Benjamin Q.** Vocational guidance and efficiency. Scientific American, 110: 812, 818, April 11, 1914.



771. **Henderson, Wilson H.** Some problems of vocational guidance. *Industrial-arts magazine*, 1: 170-74, May 1914.  
The purpose of the article is to present some of the limitations and the difficulties met in the administration of vocational guidance in the schools.
772. **Schultze, Ernst.** Berufsberatung. *Deutsche schule*, 18: 144-52, March 1914.  
Argues for vocational guidance to replace the "condition of chaos" which prevails in nearly all vocations. Discusses work of Boston Vocation bureau.

## AGRICULTURAL EDUCATION.

773. **Groff, G. W.** Agricultural education for China under missionary influence. *Chinese recorder*, 45: 158-64, March 1914.  
Work of the Canton Christian college.
774. Home gardening directed by the schools. *Teacher's journal*, 13: 429-32, April 1914.  
"A plan for the better economic and educative use of the time of children in cities, towns, and manufacturing villages."
775. **Hummel, W. G.** Community or local extension work by the high school agricultural department. Berkeley, Cal., University of California, 1914. 31 p. illus. 8°. (University of California, College of agriculture, Agricultural experiment station. Circular no. 109)
776. **Stimson, R. W.** The Massachusetts home-project plan of vocational agricultural education. Washington, Government printing office, 1914. 104 p. plates. 8°. (U. S. Bureau of education. Bulletin, 1914, no. 8)

## HOME ECONOMICS.

777. **Abel, Mary H.** Duty of the home and school clubs in helping the home economics courses in high schools. *Journal of home economics*, 6: 114-20, April 1914.  
New housekeeping activities described; application of science to housekeeping, showing better methods, offering new appliances and suggesting improvements.
778. **Caldwell, Otis W.** Home economics and rural extension. *Journal of home economics*, 6: 99-109, April 1914.  
Presented at the sixth annual meeting of the American home economics association, Ithaca, 1913. Gives a few methods of extension work in home betterment, and discusses home efficiency in rural life.
779. **Clewell, H. E.** The "Holly plan" for the teaching of domestic science and art in the public schools. *American education*, 17: 466-70, April 1914.  
By the superintendent of schools, Holly, Colorado.
780. **Cope, Ellen.** Home economics. *Pedagogical seminary*, 21: 1-27, March 1914.
781. **Morin, Jeanne.** L'organisation de l'enseignement ménager en Angleterre et en Écosse. *Éducateur moderne*, 9: 104-111, March 1914.  
Concluded from the February number.
782. **Schermerhorn, Grace.** School credit for home work in home economics. *Journal of home economics*, 6: 141-46, April 1914.  
Describes the plan for home credit which has been successfully worked out by the Iowa state college, with help and suggestions from the superintendent of the Ames public schools.

## PROFESSIONAL EDUCATION.

783. **Morgan, H. W.** Dental education. *Dental cosmos*, 56: 460-62, April 1914.  
Enumerates the different types of dental schools. Shows necessity for separate training of dental students.
784. **Parsons, Sara E.** Educational standard for nurses. *Boston medical and surgical journal*, 170: 574-75, April 9, 1914.  
Gives also data regarding state registration and training school inspection.

## EDUCATION OF WOMEN.

785. **Chisholm, Catherine.** The medical inspection of girls in secondary schools. London, New York [etc.] Longmans, Green, and co., 1914. 208 p. diags. 12°.
786. **Hagenbring-Weissenfels, Dr. Wilhelm von** Humboldt's lehre vom unterschied der geschlechter und das problem der koedukation. *Lyzeum*, 1: 247-58, February 1914.
787. **Hinsdale, Mary B.** The relation of the Association of collegiate alumnae to the public schools. *Journal of the Association of collegiate alumnae*, 7: 17-24, March 1914.  
An address delivered before the Association at its meeting in Ann Arbor, Michigan.
788. **James, Mary E., comp.** Alice Ottley, first head-mistress of the Worcester high school for girls, 1883-1912 . . . With an introduction by the Bishop of Worcester. London, New York [etc.] Longmans, Green and co., 1914. 280 p. illus. 8°.
789. **O'Shea, M. V.** Coeducation. *Child-welfare magazine*, 8: 295-304, April 1914.  
Discusses some popular views of the subject under the following headings: Views of school-men, views of high-school principals, lessons from the Old World, views of physiologists, views of biologists and psychologists, and limited segregation.

## NEGRO EDUCATION.

790. **Davis, J. E.** A unique people's school. *Southern workman*, 43: 217-30, April 1914.  
Describes the Penn school, St. Helena Island, South Carolina.
791. **Williams, W. T. B.** Duplication of schools for negro youth. [Lynchburg, Va., J. P. Bell company] 1914. 22 p. 8°. (Trustees of the John F. Slater fund. Occasional papers, no. 15)

## BLIND AND DEAF.

792. **Andrews, Harriet U.** The importance of nature study for deaf children. *Volta review*, 16: 192-98, April 1914.
793. **Barnes, F. G.** The development of language. *Volta review*, 16: 177-87, April 1914.  
A discussion having reference to the early training of deaf children. Treats of the child's vocabulary, etc.
794. **Carter, E.** The training of girls. *Volta review*, 16: 187-92, April 1914.  
How to train deaf girls for vocational pursuits.
795. **Clement, E. H.** Beauty for blind eyes: indoors and outdoors at Perkins institution. *Survey*, 32: 7-12, April 4, 1914.  
Illustrated article descriptive of Perkins institution for the blind, Boston.

## EXCEPTIONAL CHILDREN.

796. **Farrell, Elisabeth E.** A study of the school inquiry report on ungraded classes. *Psychological clinic*, 8: 29-47, April 1914.  
To be continued.  
Writer is inspector of ungraded classes, New York city.
797. **Hilles, Charles D.** What I am trying to do. *World's work*, 27: 642-49, April 1914.  
Work for incorrigible boys at the New York Juvenile asylum. Cottage plan of management at children's village. Vocational and moral education. Illustrated.

## EDUCATION EXTENSION.

798. **Ogden, C. K.** Continuation schools and the welfare of the adolescent. *Child*, 4: 539-49, April 1914.  
An interesting illustrated article on the problems of continuation schools. Writer has made studies of German system, and gives conclusions. Says that the compulsory day continuation school is the corner stone of any national system of education. Conditions in England described.

799. Übersicht über das fach- und fortbildungsschulwesen der stadt Berlin. Dreissigster Jahrgang. Schuljahr 1912/13. Berlin, Gebrüder Grunert, 1913. 316 p. tables.

Contains much useful information about the Berlin continuation school system.

800. Zimmern, Dorothy M. Evening continuation schools: a necessary evil. Educational times, 67: 188-90, April 1, 1914.

Contents that the evening schools in Great Britain fail to reach the adolescent population in sufficient number. Thinks that the vocational day school is better; and that character training is more important than mere skill in the arts and crafts.

#### PERIODICALS REPRESENTED IN THIS NUMBER.

- Akademische Rundschau, Leipzig, Germany.  
 American education, 50 State street, Albany, N. Y.  
 American magazine, 481 Fourth avenue, New York, N. Y.  
 American physical education review, 93 Westford avenue, Springfield, Mass.  
 American review of reviews, 30 Irving Place, New York, N. Y.  
 American school board journal, 129 Michigan street, Milwaukee, Wis.  
 American schoolmaster, State normal college, Ypsilanti, Mich.  
 American teacher, 225 Fifth avenue, New York, N. Y.  
 Arbeitsschule, Leipzig, Germany.  
 Archiv für Pädagogik, Leipzig, Germany.  
 Arkansas teacher, Conway, Ark.  
 Atlantic educational journal, 19 West Saratoga street, Baltimore, Md.  
 Atlantic monthly, 4 Park street, Boston, Mass.  
 Boston medical and surgical journal, 101 Tremont street, Boston, Mass.  
 Catholic educational review, Washington, D. C.  
 Child, London, England.  
 Child-welfare magazine, 227 South Sixth street, Philadelphia, Pa.  
 Chinese recorder, Shanghai, China.  
 Church missionary review, London, England.  
 Classical journal, University of Chicago press, Chicago, Ill.  
 Colorado school journal, 230 Railway Exchange building, Denver, Colo.  
 Columbia university quarterly, Columbia university press, New York, N. Y.  
 Constructive quarterly, London, England.  
 Craftsman, 6 East Thirty-ninth street, New York, N. Y.  
 Dental cosmos, Chestnut and Twelfth streets, Philadelphia, Pa.  
 Deutsche schule, Leipzig, Germany.  
 Educateur moderne, Paris, France.  
 Education, 120 Boylston street, Boston, Mass.  
 Educational bi-monthly, Board of education, Chicago, Ill.  
 Educational exchange, Birmingham, Ala.  
 Educational foundations, 31-33 East Twenty-seventh street, New York, N. Y.  
 Educational review, Columbia university, New York, N. Y.  
 Educational times, London, England.  
 Elementary school teacher, University of Chicago press, Chicago, Ill.  
 English journal, University of Chicago press, Chicago, Ill.  
 Harper's monthly magazine, Franklin square, New York, N. Y.  
 Harper's weekly, Fourth avenue and Twentieth street, New York, N. Y.  
 High school quarterly, University of Georgia, Athens, Ga.  
 History teacher's magazine, McKinley publishing company, Philadelphia, Pa.  
 Humanistische gymnasium, Heidelberg, Germany.  
 Independent, 119 West Fortieth street, New York, N. Y.  
 Industrial-arts magazine, Bruce publishing company, Milwaukee, Wis.  
 International socialist review, 118 West Kinzie street, Chicago, Ill.  
 Journal of education, 6 Beacon street, Boston, Mass.

- Journal of educational psychology, Warwick & York, inc., Baltimore, Md.  
 Journal of home economics, Roland Park Branch, Baltimore, Md.  
 Journal of political economy, University of Chicago press, Chicago, Ill.  
 Journal of the Association of collegiate alumnae, University of Chicago press, Chicago, Ill.  
 Kindergarten review, Springfield, Mass.  
 Ladies' home journal, Independence square, Philadelphia, Pa.  
 Lyzeum, Monatschrift für die interessen der höheren mädchenbildung, Berlin, Germany.  
 Manual training magazine, Manual arts press, Peoria, Ill.  
 Mathematics teacher, 41 North Queen street, Lancaster, Pa.  
 Midland schools, Des Moines, Iowa.  
 Mind and body, Herold building, Milwaukee, Wis.  
 Missouri school journal, Jefferson City, Mo.  
 Monatshefte für deutsche sprache und pädagogik, 568 Broadway, Milwaukee, Wis.  
 National municipal review, North American building, Philadelphia, Pa.  
 Nature-study review, Ithaca, N. Y.  
 Nebraska teacher, 1126-1128 Q street, Lincoln, Nebr.  
 New age, World building, New York, N. Y.  
 New York medical journal, New York, N. Y.  
 Nineteenth century, 249 West Thirteenth street, New York, N. Y.  
 Normal instructor and primary plans, Dansville, N. Y.  
 North Carolina education, Raleigh, N. C.  
 Northwest journal of education, Seattle, Wash.  
 Ohio educational monthly, Columbus, Ohio.  
 Ohio teacher, Box 326, Athens, Ohio.  
 Oklahoma school herald, Oklahoma City, Okla.  
 Open court, 122 South Michigan avenue, Chicago, Ill.  
 Oregon teachers monthly, Salem, Oreg.  
 Outlook, 287 Fourth avenue, New York, N. Y.  
 Pädagogische zeitung, Berlin, Germany.  
 Parents' review, London, England.  
 Pedagogical seminary, Worcester, Mass.  
 Pennsylvania school journal, Lancaster, Pa.  
 Popular science monthly, Substation 84, New York, N. Y.  
 Psychological clinic, Woodland avenue and Thirty-sixth street, Philadelphia, Pa.  
 Public libraries, Library bureau, Chicago, Ill.  
 Public speaking review, Swarthmore, Pa.  
 Religious education, 332 South Michigan avenue, Chicago, Ill.  
 Revue internationale de l'enseignement, Paris, France.  
 Stemann, Berlin, Germany.  
 School, 154 Fifth avenue, New York, N. Y.  
 School and home, Atlanta, Ga.  
 School and home education, Bloomington, Ill.  
 School journal, 31-33 East Twenty-seventh street, New York, N. Y.  
 School music, Keokuk, Iowa.  
 School news and practical educator, Taylorville, Ill.  
 School news of New Jersey, New Egypt, N. J.  
 School review, University of Chicago press, Chicago, Ill.  
 School science and mathematics, Mount Morris, Ill.  
 School world, London, England.  
 Schoolmaster, London, England.  
 Schulhaus, Berlin, Germany.  
 Science, Substation 84, New York, N. Y.

Scientific American, 361 Broadway, New York, N. Y.  
Scribner's magazine, 597 Fifth avenue, New York, N. Y.  
Sierra educational news, 50 Main street, San Francisco, Cal.  
Southern school journal, Lexington, Ky.  
Southern workman, Hampton, Va.  
Survey, 105 East Twenty-second street, New York, N. Y.  
Teacher, 2125 Uber street, Philadelphia, Pa.  
Teacher's journal, Marion, Ind.  
Texas school magazine, 1304 Commerce street, Dallas, Tex.  
Virginia journal of education, Richmond, Va.  
Volta review, Volta bureau, Washington, D. C.  
West Virginia educator, Charleston, W. Va.  
West Virginia school journal, 346 Front street, Morgantown, W. Va.  
Western school journal, Topeka, Kans.  
Western teacher, Milwaukee, Wis.  
Wisconsin journal of education, Madison, Wis.  
World's work, Doubleday, Page & co., Garden City, N. Y.  
World's work, London, England. ^  
Zeitschrift für schulgesundheitspflege, Leipzig, Germany.



## BULLETIN OF THE BUREAU OF EDUCATION.

[NOTE.—With the exceptions indicated, the documents named below will be sent free of charge upon application to the Commissioner of Education, Washington, D. C. Those marked with an asterisk (\*) are no longer available for free distribution, but may be had of the Superintendent of Documents, Government Printing Office, Washington, D. C., upon payment of the price stated. Remittances should be made in coin, currency, or money order. Stamps are not accepted. Documents marked with a dagger (†) are out of print.]

### 1906.

- †No. 1. Education bill of 1906 for England and Wales as it passed the House of Commons. Anna T. Smith.
- \*No. 2. German views of American education, with particular reference to industrial development. William N. Hallmann. 10 cts.
- \*No. 3. State school systems: Legislation and judicial decisions relating to public education, Oct. 1, 1904, to Oct. 1, 1906. Edward C. Elliott. 15 cts.

### 1907.

- †No. 1. The continuation school in the United States. Arthur J. Jones.
- \*No. 2. Agricultural education, including mature study and school gardens. James R. Jewell. 15 cts.
- †No. 3. The auxiliary schools of Germany. Six lectures by B. Maennel.
- †No. 4. The elimination of pupils from school. Edward L. Thorndike.

### 1908.

- †No. 1. On the training of persons to teach agriculture in the public schools. Liberty H. Bailey.
- \*No. 2. List of publications of the United States Bureau of Education, 1867-1907. 10 cts.
- \*No. 3. Bibliography of education for 1907. James Ingersoll Wyer, Jr., and Martha L. Phelps. 10 cts.
- †No. 4. Music education in the United States schools and departments of music. Arthur L. Manchester.
- \*No. 5. Education in Formosa. Julian H. Arnold. 10 cts.
- \*No. 6. The apprenticeship system in its relation to industrial education. Carroll D. Wright. 15 cts.
- \*No. 7. State school systems: II. Legislation and judicial decisions relating to public education, Oct. 1, 1906, to Oct. 1, 1908. Edward C. Elliott. 20 cts.
- No. 8. Statistics of State universities and other institutions of higher education partially supported by the State. 1907-8.

### 1909.

- \*No. 1. Facilities for study and research in the offices of the United States Government in Washington. Arthur T. Hadley. 10 cts.
- No. 2. Admission of Chinese students to American colleges. John Fryer.
- \*No. 3. Daily meals of schoolchildren. Caroline L. Hunt. 10 cts.
- †No. 4. The teaching staff of secondary schools in the United States; amount of education, length of experience, salaries. Edward L. Thorndike.
- No. 5. Statistics of public, society, and school libraries in 1908.
- \*No. 6. Instruction in the fine and manual arts in the United States. A statistical monograph. Henry T. Bailey. 15 cts.
- No. 7. Index to the Reports of the Commissioner of Education, 1867-1907.
- \*No. 8. A teacher's professional library: Classified list of 100 titles. 5 cts.
- No. 9. Bibliography of education for 1908-9.
- No. 10. Education for efficiency in railroad service. J. Shirley Eaton.
- \*No. 11. Statistics of State universities and other institutions of higher education partially supported by the State. 1908-9. 5 cts.

### 1910.

- No. 1. The movement for reform in the teaching of religion in the public schools of Saxony. Arley B. Shaw.
- No. 2. State school systems: III. Legislation and judicial decisions relating to public education, Oct. 1, 1908, to Oct. 1, 1909. Edward C. Elliott.
- †No. 3. List of publications of the United States Bureau of Education, 1867-1910.
- \*No. 4. The biological stations of Europe. Charles A. Kofoid. 50 cts.
- No. 5. American Schoolhouses. Fletcher B. Dresslar.
- †No. 6. Statistics of State universities and other institutions of higher education partially supported by the State, 1909-10.

## 1911.

- \*No. 1. Bibliography of science teaching. 5 cts.
- No. 2. Opportunities for graduate study in agriculture in the United States. A. C. Monahan.
- \*No. 3. Agencies for the improvement of teachers in service. William C. Ruediger. 15 cts.
- \*No. 4. Report of the commission appointed to study the system of education in the public schools of Baltimore. 10 cts.
- \*No. 5. Age and grade census of schools and colleges. George D. Strayer. 10 cts.
- No. 6. Graduate work in mathematics in universities and in other institutions of like grade in the United States.
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- †No. 10. Bibliography of education for 1909-10.
- †No. 11. Bibliography of child study for the years 1908-9.
- \*No. 12. Training of teachers of elementary and secondary mathematics. 5 cts.
- \*No. 13. Mathematics in the elementary schools of the United States. 15 cts.
- \*No. 14. Provision for exceptional children in the public schools. J. H. Van Sickle, Lightner Witmer, and Leonard P. Ayres. 10 cts.
- \*No. 15. Educational system of China as recently reconstructed. Harry E. King. 15 cts.
- \*No. 16. Mathematics in the public and private secondary schools of the United States. 15 cts.
- †No. 17. List of publications of the United States Bureau of Education, October, 1911.
- \*No. 18. Teachers' certificates issued under general State laws and regulations. Harlan Updegraff. 20 cts.
- No. 19. Statistics of State universities and other institutions of higher education partially supported by the State. 1910-11.

## 1912.

- \*No. 1. A course of study for the preparation of rural-school teachers. Fred Mutchler and W. J. Craig. 5 cts.
- \*No. 2. Mathematics at West Point and Annapolis. 5 cts.
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- \*No. 5. A study of expenses of city school systems. Harlan Updegraff. 10 cts.
- \*No. 6. Agricultural education in secondary schools. 10 cts.
- \*No. 7. Educational status of nursing. M. Adelaide Nutting. 10 cts.
- \*No. 8. Peace day. Fannie Fern Andrews. [Later publication, 1913, No. 12.] 5 cts.
- \*No. 9. Country schools for city boys. William S. Myers. 10 cts.
- \*No. 10. Bibliography of education in agriculture and home economics. 10 cts.
- †No. 11. Current educational topics, No. I.
- †No. 12. Dutch schools of New Netherland and colonial New York. William H. Kilpatrick.
- \*No. 13. Influences tending to improve the work of the teacher of mathematics. 5 cts.
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- \*No. 16. The reorganized school playground. Henry S. Curtis. 5 cts.
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- \*No. 19. Professional distribution of college and university graduates. Bailey B. Burritt. 10 cts.
- \*No. 20. Readjustment of a rural high school to the needs of the community. H. A. Brown. 10 cts.
- \*No. 21. Urban and rural common-school statistics. Harlan Updegraff and William R. Hood. 5 cts.
- No. 22. Public and private high schools.
- No. 23. Special collections in libraries in the United States. W. Dawson Johnston and Isadore G. Mudge.
- \*No. 24. Current educational topics, No. III. 5 cts.
- †No. 25. List of publications of the United States Bureau of Education, 1912.
- †No. 26. Bibliography of child study for the years 1910-1911.
- No. 27. History of public-school education in Arkansas. Stephen B. Weeks.
- \*No. 28. Cultivating school grounds in Wake County, N. C. Zebulon Judd. 5 cts.
- No. 29. Bibliography of the teaching of mathematics, 1909-1912. David Eugene Smith and Charles Goldsber.
- \*No. 30. Latin-American universities and special schools. Edgar E. Brandon.
- No. 31. Educational directory, 1912.
- \*No. 32. Bibliography of exceptional children and their education. Arthur MacDonald.
- †No. 33. Statistics of State universities and other institutions of higher education partially supported by the State. 1912.

# BULLETIN OF THE BUREAU OF EDUCATION.

III

1918.

- No. 1. Monthly record of current educational publications, January, 1918.
- \*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. Handachin. 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. 10. Monthly record of current educational publications, March, 1913. 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. Report of the committee of the National Council of Education, George D. Strayer, chairman. 5 cts.
- No. 14. Agricultural instruction in secondary schools.
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- \*No. 16. Bibliography of medical inspection and health supervision. 15 cts.
- \*No. 17. A trade school for girls. A preliminary investigation in a typical manufacturing city, Worcester, Mass. 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.
- †No. 21. Monthly record of current educational publications, June, 1913.
- \*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.
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- \*No. 34. Pension systems in Great Britain. Raymond W. Sles. 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.
- No. 38. Economy of time in education.
- No. 39. Elementary industrial school of Cleveland, Ohio. W. N. Hallmann.
- \*No. 40. The reorganized school playground. Henry S. Curtis. 10 cts.
- No. 41. The reorganization of secondary education.
- No. 42. An experimental rural school at Winthrop College. H. S. Browne.
- \*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.
- \*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.
- No. 50. The Fitchburg plan of cooperative industrial education. M. B. McCann.
- \*No. 51. Education of the immigrant.
- \*No. 52. Sanitary schoolhouses. Legal requirements in Indiana and Ohio. 5 cts.
- No. 53. Monthly record of current educational publications, December, 1913.
- \*No. 54. Consular reports on industrial education in Germany.
- No. 55. Legislation and judicial decisions relating to education, October 1, 1909, to October 1, 1913. James C. Boykin and William R. Hood.
- No. 56. Some suggestive features of the Swiss school system. William Knox Tate.
- No. 57. Elementary education in England, with special reference to London, Liverpool, and Manchester. L. Kandel.
- No. 58. Educational system of rural Denmark. Harold W. Foght.
- 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. 1. Monthly record of current educational publications, January, 1914.
- No. 2. Compulsory school attendance.
- No. 3. Monthly record of current educational publications, February, 1914.
- No. 4. The school and the start in life. Meyer Bloomfield.
- No. 5. The folk high schools of Denmark. L. L. Friend.
- No. 6. Kindergartens in the United States.
- No. 7. Monthly record of current educational publications, March, 1914.
- No. 8. The Massachusetts home-project plan of vocational agricultural education. R. W. Stimson.
- No. 9. Monthly record of current educational publications, April, 1914.
- No. 10. Physical growth and school program. B. T. Baldwin.
- No. 11. Monthly record of current educational publications, May, 1914.
- No. 12. Rural schoolhouses and grounds. F. B. Dresslar.