

UNITED STATES BUREAU OF EDUCATION
BULLETIN, 1914, NO. 9

WHOLE NUMBER 580

MONTHLY RECORD OF CURRENT EDUCATIONAL PUBLICATIONS

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APRIL, 1914



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1914

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MONTHLY RECORD OF CURRENT EDUCATIONAL PUBLICATIONS.

CONTENTS.—Introductory notes—Publications of associations—Educational history and biography—Current educational conditions—Pedagogics and didactics—Educational psychology; Child study—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—School gardens—Social aspects of education—Child welfare—Moral education—Religious education—Manual and vocational training—Vocational guidance—Home economics—Commercial education—Professional education—Education of women—Negro education—Exceptional children—Education extension—Libraries and reading—Bureau of Education: Recent publications—Periodicals indexed in this number—Bulletin of the Bureau of Education.

INTRODUCTORY NOTES.

Attention is invited to the following selected list of prominent books and articles of the current month, the numbers in parentheses referring to the numbers of the full entries in this bulletin:

Eliot, Present problems of education (404); Ohio state school survey commission, Report (410); The education of Karl Witte (427); Whipple, Manual of mental and physical tests, 2d ed., Part I (432); Hill, Experimental studies in kindergarten theory and practice (454); Curtis, Play and recreation for the open country (458); McCoy and Harley, Salaries and teaching conditions in high schools (466); Thwing, The American college (485); Elliott, State school surveys (489); Royal commission on industrial training and technical education, Report (531); McKeever, Training the girl (561); Morgan, The backward child (568).

Of the publications listed, only those named in the sections headed "Bureau of Education: Recent publications," and "Bulletin 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.

PUBLICATIONS OF ASSOCIATIONS.

392. **Central association of science and mathematics teachers.** Proceedings of the twelfth meeting . . . held at Northwestern university, Evanston Illinois, November 29-30, 1912. 115 p. 8°. (C. E. Spicer, secretary-treasurer, Joliet, Ill.)
 Contains: 1. W. C. Bagley: Vocational guidance and the teacher of science, p. 5-13. 2. C. G. Pearce: High school mathematics and science teaching, p. 13-22. 3. A. C. Norris: Experimental work in chemistry that can be done at home by secondary school pupils, p. 46-48. 4. Final report of the committee on methods of testing results of teaching physiography, p. 54-60. 5. W. W. Hart: Review of the teaching of secondary mathematics in the past decade, p. 66-74. 6. R. L. Short: Mathematics and the vocational school, p. 74-78. 7. J. V. Collins: The preparation of teachers of mathematics, p. 79-85. 8. Report of the committee on tests of efficiency in physics teaching, p. 101-104. 9. W. E. Tower: The teaching of physics in segregated classes, p. 104-109.
393. **Florida educational association.** Report of the convention, held at Key West, Florida, December 30, 1913 to January 1, 1914. Florida school exponent, 21: 3-15, February 1914. (R. L. Turner, secretary, Inverness, Fla.)
 Contains: 1. W. N. Sheats: [School conditions in Florida].—2. Edward Conradi: The American peace movement.—3. A. P. Montague: The teacher as a force in civilization.—4. Miss Johnnie W. Rutland: Co-operation in other departments in teaching English composition.
394. **Illinois state teachers' association.** Journal of proceedings of the fifty-ninth annual meeting . . . held at Peoria, Ill., December 26-28, 1912. [Springfield, Ill., Illinois state journal co., state printers, 1913.] 154 p. 8°. (George W. Conn, jr., secretary, Woodstock, Ill.)
 Contains: 1. C. A. Prosser: [Vocational education], p. 61-68. 2. P. P. Claxton: [Popular education] p. 68-73. 3. F. G. Blair: A suggested community survey, p. 81-82. 4. Julia H. Gulliver: The influence of the college upon the moral and religious life of the student, p. 99/102. 5. Emma B. Grant: History of Montessori method and its purposes, p. 103-7. 6. Elizabeth Jenkins: Impressions of an American observer in the Montessori schools, p. 106-16. 7. S. H. Dadisman: The consolidated school as a force in the upbuilding of country life, p. 127-32.
395. **Maryland state teachers' association.** Forty-sixth annual meeting . . . Annapolis, Md., June 24-27, 1913. (Hugh W. Caldwell, secretary, Chesapeake City, Md.)
 Contains: 1. P. L. Goldsborough: [Education] p. 21-26. 2. A. D. Yocum: [Readjustment of education] p. 27-31. 3. T. S. Baker: [Home and school] p. 34-40. 4. M. B. Stephens: [The teaching force] p. 41-46. 5. A. F. Call: Peace, p. 48-53. 6. M. B. Stephens: Electives in the high school course, p. 110-14. 7. O. H. Benson: Education for farm and home by correlation, p. 118-31. 8. S. D. Gray: Vocational work in the public schools, p. 131-35.
396. **National education association.** Department of superintendence. [Synopsis of the meeting held at Richmond, Va., February 22-28, 1914.] Journal of education, 79: 283-91, 294, 296-301, March 12, 1914.
 Contains: 1. J. M. Gwinn: The scholastic function of the school to the community it serves.—2. Henry Neumann: What should be the aims of the high schools?—3. C. S. Meek: The public school survey.—4. J. R. Kirk: The twentieth century normal school.—5. C. G. Pearce: The twentieth century normal school: new problems, new branches, new ideals.—6. David Snedden: Fundamental distinctions between liberal and vocational education.—7. E. L. Thorndike: The foundations of school achievement.
397. **Pennsylvania state educational association.** Proceedings of sixty-fourth meeting, session at Pittsburgh, December 30, 1913-January 1, 1914. Pennsylvania school journal, 62: 317-76, February 1914.
 Contains: 1. J. S. Hatt: Industrial training for the worker, not the work, p. 328-33. 2. O. W. Burroughs: Adolescent idler, in school and out, p. 333-37. 3. W. A. Wirt: A new municipal institution for the education of children, p. 337-38. 4. C. A. Prosser: Conservation of the child, p. 338-41. 5. Value of local educational associations—J. W. Sweeney: From view-point of county superintendent, p. 341-43; Margaret M. Sullivan: From view-point of the teacher, p. 343-44; R. F. Leramy: From view-point of district superintendent, p. 344-45. 6. U. L. Gordy, Olive F. Church, and T. B. Davis: Relation of state to local associations, p. 345-50. 7. J. G. Becht: Teachers' pensions, p. 350-56. 8. R. P. Graves: Vocation, culture and efficiency, p. 358-62. 9. Alexander Melkjohn: What knowledge is for; p. 362-64. 10. The school and the teaching of morality—S. B. McCormick: From the standpoint of the teacher, p. 365-66; Harlan Updegraff: From the standpoint of the administrator, p. 366-71.

398. **Southeast Missouri teachers' association.** Proceedings and addresses of the thirty-eighth annual meeting, Poplar Bluff, Mo., October 23-25, 1913. 103 p. 8°. (Bee Cotton, secretary, Doniphan)
- Contains: 1. R. H. Emberson: The spirit of the teacher, p. 23-30. 2. Bertie Coffman: Social interpretation of the country school, p. 31-34. 3. Marie Harvey: The possibilities of the one-room school, p. 35-38. 4. L. O. Swan: The public school of the future, p. 49-58. 5. F. G. Blair: Waste in education, p. 58-75. 6. Ada Wile: Country school literary societies, p. 75-82. 7. A. B. Boucher: Superintendents' work in smaller cities, p. 82-90.

EDUCATIONAL HISTORY AND BIOGRAPHY.

399. **Finegan, Thomas E.** The life and public services of Andrew S. Draper. Albany, University of the state of New York, 1914. 29 p. 8°. An address delivered before the New York state teachers association at Syracuse, November 26, 1913.
400. **Kemp, William Webb.** The support of schools in colonial New York by the Society for the propagation of the Gospel in foreign parts. New York city, Teachers college, Columbia university, 1913. 279 p. 8°. (Teachers college, Columbia university. Contributions to education, no. 56)

CURRENT EDUCATIONAL CONDITIONS.

401. **Bayne, Margaret W.** The schools of Washington. Life and labor, 4: 82-85, March 1914.
Observations made in Washington state
402. **Couffer, U. G.** The Sewickley, Pennsylvania, plan. Journal of education, 79: 257-58, March 5, 1914.
Describes the system followed at Sewickley, Pa., which is similar to the Girty system, but more suitable to the course of study in use in Sewickley.
403. **Craighead, E. B.** Reply to Mr. James J. Hill. Inter-mountain educator, 9: 15-18, February 1914.
"Mr. Hill recently gave severe criticism of the educational institutions of the country in a speech at New Haven. Replies from newspapers have come from every section of the country. The following are extracts from a speech delivered by President Craighead at the dedication of the new high school at Billings, Mont."
404. **Eliot, Charles W.** Present problems of education. Educational review, 47: 237-48, March 1914.
Address delivered at the installation of Dr. J. H. Finley, as commissioner of education of the state of New York, at Albany, N. Y., January 2, 1914. Emphasizes instruction in economics to fit students for public service of an efficient and honest character; vocational training, etc.
405. **The friendly visitor in Rhode Island's capital city.** Normal instructor, 23: 30-31, March 1914.
The author characterizes Providence, R. I., as a pioneer in educational movements, and tells of the many novel plans in use in the schools.
406. **Howland, Sarah M.** In New York's ultra modern schools. Popular educator, 31: 368-71, March 1914.
Second article in series, discussing some features of the Ethical culture school.
407. **Kunkle, Stewart.** The school of the new era in China. Chinese recorder, 45: 90-93, February 1914.
408. **Lane, Winthrop D.** Tilts of the schoolmen at the Richmond conference. Survey, 31: 746-49, March 14, 1914.
A review of the proceedings of the National council of education and the Department of superintendence of the National education association.
409. **Lewis, H. W.** The Vermont educational survey. American school board journal, 48: 18-20, 66, March 1914.

410. **Ohio state school survey commission.** Report to the governor of Ohio. A cooperative field study conducted by Horace L. Brittain, director of survey, New York training school for public service. Columbus, Ohio, The F. J. Heer printing co., 1914. 352 p. illus. 8°.
An intensive study of 639 rural village schools in 88 counties, and an extensive study of 9,000 school rooms and of 395 school systems; participated in by 44 professors in professional schools for the training of teachers and 116 students in these institutions, most of whom had had experience in rural school teaching, 395 superintendents of schools and other school men and women, and 9,000 teachers who supplied information to the commission.
411. **Eine schuldebatte im reichstage.** Aus den reichstagsverhandlungen vom 6. Februar. Pädagogische zeitung, 43: 137-39, February 19, 1914.
A debate in the German Reichstag on the proposition to develop the Imperial school commission into an Imperial office. Interesting because the situation with respect to national standards of education in Germany is somewhat similar to the present situation in the United States.
412. **Wright, Richardson.** Siberian education. Catholic world, 98: 740-48, March 1914.
Describes the University of Tomsk, etc.

PEDAGOGICS AND DIDACTICS.

413. **Bagley, W. C.** Fundamental distinctions between vocational and liberal education. School and home education, 33: 239-45, March 1914.
Also in Journal of education, 79:339-43, March 26, 1914.
Read before the Department of superintendence at Richmond, Va., February 25, 1914.
414. **Bucke, W. Fowler.** The school and its problems; a syllabus and bibliography. Geneseo, N. Y. The author, 1914. [18] p. 8°.
"Arranged to correlate the course in school economy and school law with the critic work in the Training school, and adapted to the material in the State normal school library, Geneseo, N. Y."
415. **Butcher, T. W.** The new education. Kansas school magazine, 3: 22-27, February 1914.
This address is a "contribution to Kansas educational literature and a clear statement of the policies of the school, which can not fail to interest teachers generally. It is a strong, manly, advanced announcement of the new view of education."—Editor.
416. **Für und wider die nationale einheitschule.** Allgemeine deutsche lehrerzeitung, 66: 97-100, February 27, 1914.
417. **Johnston, Charles Hughes.** Education and the emotions. School and home education, 7: 304-7, February 1914.
Abstract of a talk delivered before the Illinois state teachers' association, Springfield, December 30, 1913.
418. **Lull, Herbert G.** The expanding elementary school. American schoolmaster, 7: 97-106, March 1914.
Writer concludes: "If we persistently ask the question, What are the instrumental values required in the child's individual and social adjustments? we shall have a tangible working formula by which to test the efficiency of our instruction, as well as for testing the course of study."
419. **Meumann, Ernst.** Zur frage der erziehungsziele. Zeitschrift für pädagogische psychologie, 15: 1-9, January 1914.
"The pedagogy of our time is in danger of being wrecked by the new ideas and new proposals for reform, revolution, and the like."
420. **Oldendorff, Paul.** Rudolf Euckens philosophie als ausdruck eines neuen kulturwillens. Pädagogisches archiv, 56: 65-70, heft 2, 1914.
421. **The other side.** Atlantic monthly, 113: 357-62, March 1914.
Contents that "the incredulity of science in contemplating philosophy, art, literature, as part of the educational curriculum, is full of menace." Present age fast losing the habit of mind that fosters idealism.
422. **Pearson, Francis B.** The evolution of the teacher. Columbus, Ohio, The Heer press, 1914. 254 p. 12°.
"An attempt to interpret some of the basic principles of pedagogy in terms of every-day school-room experience."

423. **Pitts, Ralph S.** Some menaces to education, potential in the "movies." *Colorado school journal*, 29: 6-11, February 1914.
Delivered before the Colorado schoolmaster's club, Friday, January 23, 1914.
The author claims that the "movies" may be instructive, but that they are not educative.
424. **Russell, James E.** Outlines of a practical education: Good housekeeping, 58: 339-44, March 1914.
A discussion of the ideals of education, as well as the practical. Education's true aim.
425. **Sanders, Frederic W.** The organization of education. *Education*, 34: 428-35, March 1914.
Continued from February number. Treats of general plan of organizing the schools. To be continued.
426. **Williams, A. M.** Philosophy and education. *Educational review*, 47: 269-78, March 1914.
Shows the indebtedness of education to philosophy, and "the consequent need that in training centers students should be enabled to see how philosophy 'works' in a practical science like education."
427. **Witte, Pastor.** The education of Karl Witte, or the training of the child; edited, with an introduction, by H. Addington Bruce. Tr. from the German by Leo Wiener. New York, T. Y. Crowell company [1914] xi, 312 p. 8°.
The original of this book is Karl Witte, oder erziehungs- und bildungsgeschichte desselben, written by Pastor Witte nearly a century ago, to describe the education of his son. The editor says that "It must unquestionably be regarded as one of the most inspiring and helpful contributions ever made to the literature of education." Witte's fundamental principle is that the education of the child should begin with the dominating of the child's intelligence.

EDUCATIONAL PSYCHOLOGY, CHILD STUDY.

428. **Corbin, Alice M.** The school of childhood, University of Pittsburgh. *Kindergarten review*, 24: 423-35, March 1914.
429. **Hahn, H. H. and Thorndike, E. L.** Some results of practice in addition under school conditions. *Journal of educational psychology*, 5: 65-83, February 1914.
"Children of the fourth, fifth, sixth, and seventh grades were given an initial test of 15 minutes in adding columns of ten one-place numbers, a practice period of 90 minutes divided into smaller periods of various lengths, and a final test of 15 minutes. The results are presented in detail."
430. **Knox, Howard A.** A scale, based on the work at Ellis Island (N. Y.), for estimating mental defect. *Journal of the American medical association*, 62: 741-47, March 7, 1914.
Describes work for testing defective immigrants, tests for illiteracy, etc.
431. **Makower, A. A.** Untersuchungen über wachstum. *Zeitschrift für schulgesundheitspflege*, 27: 97-120, February 1914.
Gives tables of weight, height, etc., for school children at various ages and grades.
432. **Whipple, Guy Montrose.** Manual of mental and physical tests. 2d rev. and enl. ed. Part I: Simpler processes. A book of directions compiled with special reference to the experimental study of school children in the laboratory or classroom. Baltimore Warwick & York, inc., 1914. xvi, 365 p., illus. 8°.

SPECIAL SUBJECTS OF CURRICULUM.

433. **Andress, J. M.** The teaching of hygiene below the high school. *Elementary school teacher*, 14: 325-30, March 1914.
Proposes certain reasons for "the failure of the teaching of hygiene in the grades below the high school." To be continued.
434. **Aylmer-Small, Sidney.** Failures in physics at the College entrance examination board—the causes and the remedies. *School science and mathematics*, 14: 295-10, March 1914.

435. **Brown, Joseph O. and Coffman, Lotus D.** How to teach arithmetic. A manual for teachers and a text-book for normal schools. Chicago, New York, Row, Peterson and company [1914] 373 p. 12°.
436. **Dressler, H. and Körner, K.** Der mathematische unterricht an den volkschulen und lehrerbildungsanstalten in Sachsen, Thüringen und Anhalt. Leipzig und Berlin, B. G. Teubner, 1914. v, 132 p. fold. tables. 4°. (Abhandlungen über den mathematischen unterricht in Deutschland veranlasst durch die Internationale mathematische unterrichtskommission, hrsg. von F. Klein. bd. V, hft. 4)
437. **Fish, Susan Anderson.** What should pupils know in English when they enter the high school? *English journal*, 3: 166-75, March 1914.
438. **Fitzhugh, Thomas.** A plea for Greek in the American high school. *Virginia journal of education*, 7: 206-208, February 1914.
Deals with the value of Greek in the last two years of a high school course.
439. **Graham, J. W.** A measure of progress in the mechanical operations of arithmetic. *Elementary school teacher*, 14: 348-49, March 1914.
Suggests the use of a pendulum suspended by a cord about 4 feet in length, and swing clear of the wall. Explains use of this device.
440. **Hossann, K.** Heimatprinzip und heimatkunde. *Archiv für pädagogik*, 2: 250-61, February 1914.
Discusses the local-interest principle and its application in instruction.
441. **Kelsey, Francis W.** The nineteenth Michigan classical conference. *School review*, 22: 182-88, March 1914.
Résumé of proceedings.
442. **Matthews, Pauline E.** Report of experiment on the value of plays and games in arithmetical drill. *Elementary school teacher*, 14: 319-24, March 1914.
Aim of experiment: "(1) To prove that more ground may be covered than is required by our course of study; (2) to determine the effects of plays and games in arithmetical drill."
443. **Opdycke, John B.** A word for high school English. *Journal of education*, 79: 231-34, 242-44, February 26, 1914.
A constructive reply to some destructive criticism, with a suggestion or two.
444. **Sensenig, Barton.** An outline of third-year work in arithmetic with methods. *Volta review*, 16: 154-59, March 1914.
Third of a series of articles on educational methods.
445. **Steeper, H. T.** The status of history teaching in the high schools of Kansas. *School review*, 22: 189-91, March 1914.
Gives statistics of enrollment in subjects; number of pupils enrolled, etc.; also statistics regarding the preparation of teachers.
446. **Trost, W.** Die mathematischen fächer an den niederen gewerblichen lehranstalten in Deutschland. Leipzig und Berlin, B. G. Teubner, 1914. 150 p. illus., diagr. 4°. (Abhandlungen über den mathematischen unterricht in Deutschland veranlasst durch die Internationale mathematische unterrichtskommission. bd. IV. hft. 5)
"Übersicht über die benutzte literatur" p. [148]-150.
447. **Sloussat, St. George L.** History in the high school curriculum. A plea for fair play. *History teacher's magazine*, 5: 87-91, March 1914.
A paper read before the Association of colleges and secondary schools of the Southern states, at Knoxville, Tennessee.
448. **Symposium on the scope of biological teaching in relation to new fields of discovery.** *Science*, 39: 371-85, March 13, 1914.
Articles by M. F. Guyer, M. A. Chrysler, and O. H. Parker. Discusses among other things the problem of eugenics.
449. **Watkins, D. E.** Group systems in interscholastic debating. *Education*, 34: 416-20, March 1914.
Says that the more recent forms of group debating among high schools produce more of good than of evil.

450. **West, Andrew F.** Greek at Princeton. *Educational review*, 47: 279-90, March 1914.
Shows the fine results of the study of Greek, with statistics of the comparative record of candidates for the degrees of A. B., Litt. B., and B. S. Writer says: "Our bachelors of arts show in general a clear superiority in scholarship over candidates for the other bachelor's degrees."

KINDERGARTEN AND PRIMARY SCHOOL.

451. The advantages of kindergarten training. *Kindergarten review*, 24: 436-44, March 1914.
"In June, 1913, a circular letter was sent out by United States Commissioner Claxton to kindergarten supervisors, asking for information in regard to the advantages of kindergarten training." This article gives some of the replies.
452. **Brisby, Drusie P.** The Montessori method. *Educational foundations*, 25: 354-61, February 1914.
How the Montessori method was used in combination with other methods and taught in a little country town.
453. **Craig, Clara E.** The Montessori system of child culture. A report presented to the State board of education. [Providence] Department of education, State of Rhode Island, 1913. 16 p. 8°. (Rhode Island education circulars)
Observations made and recorded in Rome, Italy, where, acting as the official representative of the Rhode Island State board of education, the writer was a member of the training class directed by Dr. Maria Montessori, from January 15 to May 15, 1913.
454. **Hill, Patty Smith, ed.** Experimental studies in kindergarten theory and practice. New York city, Teachers college, Columbia university, 1914. 70 p. illus. 8°. (Teachers college record, vol. XV, no. 1)
CONTENTS.—Introduction, by Patty S. Hill.—Reasoning in early childhood, by John Dewey.—Development of reasoning in young children, by Meredith Smith.—Play motive and experimental method in kindergarten occupations, by Grace L. Brown.—Use of materials in the kindergarten, by Julia W. Abbot.—Principles underlying the organization of kindergarten materials, by Luella A. Palmer.—The gifts, by Luella A. Palmer.
455. The kindergarten movement in Springfield. *Kindergarten review*, 24: 343-49, February 1914.
History of the early days of the kindergarten in Springfield, Mass.
456. **Saffotti, F. Umberto.** Montessori's pädagogischer versuch der *case dei bambini* in der kindergartensbewegung. *Zeitschrift für pädagogische psychologie*, 15: 9-16, January 1914.
An unusually clear, brief statement of Montessori's work.

RURAL EDUCATION.

457. **Ashbee, C. R.** The Hampshire experiment in education. London, G. Allen & company, ltd., 1914. xi, 166 p. 12°. .
The Hampshire experiment is a practical attempt to arrive at an educational policy for a given area, mainly agricultural, in rural England.
458. **Curtis, Henry S.** Play and recreation for the open country. Boston, New York [etc.] Ginn and company [1914] xvi, 265 p. illus. 12°. .
CONTENTS.—Introduction.—Part I: Play in the home and its environs.—Part II: Play at the rural school.—Part III: Recreation in the rural community.—Part IV: The rural social center.
A useful book on a timely topic.
459. **Farwell, Mrs. Cecilia.** Country schools. The bugbear of taxation. *American motherhood*, 38: 185-89, March 1914.
460. **Miller, James Collins.** Rural schools in Canada: their organization, administration and supervision. New York city, Teachers college, Columbia university, 1913. xi, 236 p. 8°. (Teachers college, Columbia university. Contributions to education, no. 61)
Bibliography of rural education in Canada, Great Britain and Europe, United States: p. 227-36.
461. **Weaver, Mr. Charles P.** School improvement league work in rural Kentucky. *School progress*, 4: 501-4, February 1914.

SECONDARY EDUCATION.

462. **Bachman, Frank P.** The mission of the high school in the community. *Education*, 34: 405-15, March 1914.
 Writer would limit "the mission of the high school in rural districts to preparing country children to live and work in the country, and would make its primary mission in the small city and in the city of size the giving of young people an education which has a broad basis in science, literature, history, and art, and yet prepares directly for entrance upon life pursuit."
463. **Brown, H. A.** The reorganization of secondary education in New Hampshire. *School review*, 22: 145-56, March 1914.
 Reorganization has taken "the form of (1) a readjustment in the content of the program of studies and (2) a changed conception of the teaching process." First of a series of articles.
464. The high school fraternity. *American educational review*, 35: 227-28, February 1914.
465. **Holley, C. E.** The influence of family income and other factors on high-school attendance. *School and home education*, 33: 222-24, February 1914.
 A report from the Seminary in educational administration, School of education, University of Illinois, 1913.
466. **McCoy, William Taggart and Harley, Theodore Lincoln.** Studies in secondary education. Salaries and teaching conditions. [Chicago, 1914] 24 p. fold. table. 8°.
 Reprinted from *Educational bi-monthly*, 8: 249-72, February 1914.
 "This study of teaching conditions in the high schools of a representative list of American cities grows out of an inquiry begun in September, 1911, by a committee of the High school teachers club of Chicago, which was working for certain readjustments and increases in pay."
467. **Roger, Maurice.** Le réforme de l'enseignement moyen en Belgique (2^e partie.) *Revue pédagogique*, 64: 117-34, February 1914.
468. **Snyder, Henry.** A high school that trains the hand as well as the mind. *American city*, 10: 119-24, February 1914.
 Describes the educational activities of the William L. Dickinson high school, Jersey city, N. J. Illustrated. The pupils of this institution are not forced "to follow fixed and invariable courses of study, but the courses are fitted or adapted to the pupils." Vocational studies are emphasized.
469. **Whitney, F. L.** The junior high school idea in the small town. *American school board journal*, 48: 11-12, March 1914.
 The aim of this article is to show how the junior high-school idea may be used effectively where the limitations as to available rooms and teachers are very apparent. It will probably be of interest to superintendents in small towns who are contemplating the reorganization of their upper grades along departmental lines.

TEACHERS: TRAINING AND PROFESSIONAL STATUS.

470. **Jenkins, Frances.** Adjusting the normal school graduate to a city system. *American schoolmaster*, 7: 49-56, February 1914.
 Paper read before the Normal school department of the National education association, at Salt Lake City, July 9, 1913.
471. **Kennedy, Joseph.** Essentials in the professional preparation of teachers. *American schoolmaster*, 7: 64-69, February 1914.
 "Paper given in discussion of the article by Prof. Fred C. Fox on The special qualifications of a high school teacher, as published in the January number of the *American schoolmaster*."
472. **Kesseler, Kurt.** Warum muss der pädagoge idealist sein? *Pädagogische warte*, 21: 131-36, February 1, 1914.
473. **Poore, W. A.** The employment of teachers. *New Mexico journal of education*, 10: 5-7, February 15, 1914.
 Deals principally with the selection of capable teachers.
474. **Witmer, Lightner.** The scope of education as a university department. *Psychological clinic*, 7: 237-49, February 15, 1914.

HIGHER EDUCATION.

475. **Butler, Nicholas M.** Academic freedom. *Educational review*, 47: 291-94, March 1914.
Says that "the limitations upon a university teacher are those imposed by common morality, common sense, common loyalty, and a decent respect for the opinions of mankind."
Originally published in *Public Ledger*, Philadelphia, Pa., January 13, 1914.
476. **Coggeshall, Thomas.** A Harvard man's impressions of Oxford. *Harvard illustrated magazine*, 15: 239-45, February 1914.
Author is Frederick Sheldon fellow at Oxford.
477. **Grosvenor, Edwin A.** The morals of the college man. *American educational review*, 35: 167-70, January 1914.
An address delivered before the College of William and Mary.
478. **Hadley, Arthur T.** What do the social changes in American life demand of the higher education? *Yale alumni weekly*, 23: 677-78, March 13, 1914.
An address before the Religious education association in Woolsey hall, March 8, 1914.
479. The Harvard-Technology agreement. *Harvard graduates' magazine*, 22: 387-92, March 1914.
Articles of agreement and statements by Presidents Lowell and MacLaurin.
480. **Hellems, F. B. R.** The professorial quintain. *Forum*, 51: 321-32, March 1914.
A defence of American universities. Writer says: "The European universities aim at a hundred, while we aim at a million. Inevitably we fail; but our failure may be finer and brighter with promise than their success."
481. **James, Edmund J.** Why Washington wanted a national university. *Independent*, 77: 308-9, March 2, 1914.
Writer says that "all the problems which we are trying to solve today, so far as universities may be able to contribute to their solution, would be in a distinctly advanced stage if such an institution had been organized and properly supported."
482. **Lockwood, Laura E.** Summer school at Grenoble. *Education*, 34: 421-27, March 1914.
Advantages of University of Grenoble, France, as a place for linguistic studies.
483. **Mérimée, Henri.** L'université espagnole d'après un universitaire espagnol. *Revue internationale de l'enseignement*, 67: 64-59, January 1914.
A review of Universidad literaria de Oviedo. Discurso leído en la solemne apertura del curso académica de 1912-1913 por el doctor D. Federico de Onís y Sánchez.
484. Shall Vermont give aid to its colleges? *Independent*, 77: 329-31, March 9, 1914.
Résumé of a report on educational conditions in Vermont, made by a group of experts in the employ of the Carnegie foundation, which advises against appropriations for higher education.
485. **Thwing, Charles Franklin.** The American college: what it is, and what it may become. New York, The Platt & Peck co., [1914] 294 p. 8°.
CONTENTS.—I. The purpose.—II. The forces.—III. The student.—IV. The methods and tools.—V. The conditions.—VI. The tests and results.
486. **Wiser, Willis G.** Yale memories, by "Bill" Wiser. New Haven, The Tuttle, Morehouse & Taylor co., 1914. 144 p. illus. 12°.
Reminiscences of a policeman stationed on the Yale campus.
487. **Wolfe, A. B.** Tests of college efficiency. *Educational review*, 47: 217-36, March 1914.
Review of a report of a special committee of the Oberlin college faculty, 1908. Criticising the document, the writer says there is "an inordinate emphasis upon mechanical devices and administrative details." But on the whole it contains many valuable suggestions for college faculties that feel disposed to take up the question of efficiency.

SCHOOL ADMINISTRATION.

488. **Bunker, Frank F.** The better articulation of the parts of the public school system. *Educational review*, 47: 249-68, March 1914.
Describes in full the reorganization plan under which the school department of Berkeley, Cal., is now working, which went into operation in January, 1910. The twelve school grades or years are broken into three groups: "the first group, elementary, to comprise the first six years of school life; the second, the lower high school, to comprise the seventh, eighth, and ninth years; and the third group, the upper high school, to embrace all pupils of the tenth, eleventh, and twelfth years."

489. **Elliott, Edward C.** State school surveys. American school board journal, 48: 9-10, 62, March 1914.
"The author of the present article has had perhaps a better opportunity than any other educator to observe recent school-survey events and to formulate principles which necessarily must underlie any successful work in this direction. His suggestions are of more than passing interest, particularly in view of the fact that surveys are proposed in several important states."—Editor.
490. **Hotchkiss, H. V.** School supervision. Ohio educational monthly, 63: 103-10, March 1914.
Gives the many duties of a superintendent.
491. **Moon, A. H.** The school book question. School and home, 6: 11-14, February 1914.
The text book situation in Georgia.
492. **The new school code for Ohio.** Ohio teacher, 34: 340-54, March 1914.
Gives the full text of each school measure enacted by the General Assembly of Ohio, February 1914.
493. **Schwartz, E.** Wie soll der neue grundlehrplan von Gross-Berlin eingeführt werden? Pädagogische zeitung, 43: 117-21, February 12, 1914.
A significant comparison of curricula in Berlin schools for 1902, 1906, and 1913, in arithmetic, geometry, language, history, geography, nature study, science and religion.

SCHOOL MANAGEMENT.

494. **Anderson, Mrs. Jane Pollock.** The traditional examination. School science and mathematics, 14: 193-204, March 1914.
Read before the Mathematics section of the Central association of science and mathematics teachers, Des Moines, November 24, 1913.
The author opposes the traditional or final examination and gives ten evils which arise from it.
495. **Blakeley, O. J.** A study in gradings and promotions. Wyoming school journal, 10: 151-55, February 1914.
Read before the Wyoming state teachers' association, January 1914.
A compilation of material gathered from a correspondence carried on with a number of schools East and West. Gives the systems of grading used in many places.
496. **Brooks, E. C.** The need of a new classification in our city schools. North Carolina education, 8: 10-11, March 1914.
Discusses the system of classification and graduation found in Portland, Oregon.
497. **Bureau of municipal research, New York.** Help-your-own-school suggestions; extracts from a field study of p. s. 188B Manhattan made at the request of Principal Edward Mandel, by the Bureau of municipal research. New York, N. Y., 1914. 32 p. illus., diags. 8°. (Municipal research, no. 31, February 21, 1914)
498. **Campbell, Everett E.** A study of retardation and class standing on the basis of home language used by pupils. Elementary school teacher, 14: 331-47, March 1914.
Graphic charts and statistical tables. Writer says he finds that "the language factor is not of sufficient importance to be considered as one of the causes of retardation, or as determining relative class standing of pupils." Article concluded from previous number.
499. **Holmes, Clay W.** A modern school savings plan. American school board journal, 48: 13-14, 64, March 1914.
Gives an account of the school savings plan in use in Elmira, New York.
500. **Wilson, H. B.** Promoting pupils. Western school journal, 30: 59-60, February 1914.
This is a copy of a news-bulletin from the Superintendent of schools of Topeka, Kans., to the principals containing instructions for teachers for studying the conditions which have been the cause of nonpromotion.

SCHOOL HYGIENE AND SANITATION.

501. **Crampton, O. Ward.** The significance of physiological age in education. Washington, Government printing office, 1913. 13 p. 8°.
Reprinted from the Transactions of the fifteenth International congress on hygiene and demography.

502. **Crowley, Ralph H.** The present position of the school hygiene movement in England. *New England medical gazette*, 49: 82-93, February 1914.
The establishment of the school medical service is exercising a considerable influence on educational methods and practice in England.
503. **Goodhue, Stoddard.** Can you see straight? *Good housekeeping*, 58: 361-68, March 1914.
Remedy for eye-strain in children. Work in schools, etc.
504. **Rapeer, Louis W.** Needed health knowledge and how to get it. *School and home education*, 33: 251-55, March 1914.
Contains suggestive reading for teachers and superintendents.
505. **Roach, Walter W.** An open-window experiment. *Primary plans*, 11: 14, March 1914.
A comparison between pupils taught in an ordinary-class room and in an open-air class-room.
506. **Terman, Lewis M.** The effects of school life upon the nutritive processes, health and the composition of the blood. *Popular science monthly*, 84: 257-64, March 1914.
Discusses effects of school life upon growth; prolonged mental strain upon nutritional processes; school pastimes on respiration; and school as a cause of morbidity. Followed by valuable bibliographical references.

SEX HYGIENE.

507. **Keller, Paul G. W.** The teaching of sex hygiene in high schools. *American schoolmaster*, 7: 70-74, February-1914.
508. **Reichel, Walther.** Über geschlechtliche erziehung. *Pädagogisches archiv*, 56: 80-97, heft 2, 1914.
Discusses introduction of sex hygiene at various grades in the school.

PHYSICAL TRAINING.

509. **Beegle, Mary Porter.** Hygiene and physical education in trade schools for girls. *American physical education review*, 19: 73-93, February 1914.
Describes physical education and hygiene in the Manhattan trade school for girls in New York city.
510. **Bruce, Lillian Hortensia.** Posture in the Chicago public schools. *Educational bi-monthly*, 8: 227-37, February 1914.
A compilation of opinions of men and women in Chicago, who are spending their time and effort in the Department of physical education in the high schools.
511. **Curtis, Henry S.** Physical training in normal schools. *American physical education review*, 19: 94-112, February 1914.
512. **Lee, Joseph.** Restoring their play inheritance to our city children. *Craftsman*, 25: 545-55, March 1914.
Work of the playground and recreative association. Children's games, etc.
513. **Murphy, Michael C.** Athletic training; ed. by E. R. Bushnell, with an introduction by R. Tait McKenzie. New York, C. Scribner's sons, 1914. xxxiv, 174 p. illus. 12°.
514. **Richards, Florence H.** Physical training with special corrective work and hygiene (including sex hygiene) in girls' high schools. *School review*, 22: 157-64, March 1914.
Shows enthusiasm of girls over work in domestic sanitation and eugenics.

SCHOOL GARDENS.

515. **Gray, Mary Richards.** How to organize a school garden. *School-arts magazine*, 13: 489-95, March 1914.
See also *Organization of school gardens*, by same author, in *Popular educator*, 31: 227, 230-32, March 1914.
516. **Thomas, Ernest K.** Planning a school garden. *School century*, 9: 301, March 1914.

SOCIAL ASPECTS OF EDUCATION.

517. Greenwood, James M. The social function of the school and getting at it. Missouri school journal, 31: 99-104, March 1914.
518. King, Irving. The vocational interests, study habits, and amusements of the pupils in certain high schools in Iowa. School review, 22: 165-85, March 1914.
Discusses part-time employment and other vocational problems. Statistical tables given.
519. Lang, Ossian. A vitalizing force of democracy. The common school as a social center. Rural manhood, 5: 106-9, March 1914.
520. Shields, Thomas Edward. Parental cooperation. Catholic educational review, 7: 240-52, March 1914.
The author claims that many of the defects in current education heretofore charged to the school should be laid at the door of the home, and that parents are not only responsible for the education of their children during the preschool period, but also during their elementary and secondary training and college days.

CHILD WELFARE.

521. Dean, Arthur D. Child-labor or work for children. Craftman, 25: 515-21, March 1914.
Discusses the problem: "What shall we do when we stop working children, and how shall we develop an educative process which will keep children working?"

MORAL EDUCATION.

522. Fischer, Aloys. Moralpsychologische untersuchungsmethoden. Neue bahnen, 25: 245-68, March 1914.
523. Trams, Albert F. Teaching children ideals of right living. Child-welfare magazine, 8: 256-59, March 1914.

RELIGIOUS EDUCATION.

524. Barton, James L. Educational missions. New York, Student volunteer movement for foreign missions, 1913. 271 p. illus. 12°.
525. Clarke, James E. The place and function of the Christian college. New York, 156 Fifth avenue, College board of the Presbyterian church in the U. S. A. 12 p. 8°.
526. Heniger, A. M. H. Making Bible stories plain. Good housekeeping, 58: 331-38, March 1914.
Stage representations of Bible scenes enacted in Sunday schools. Valuable lessons drawn.
527. Israel, Henry. Our nation in training for religion; the country pastor's share in it. Rural manhood, 5: 45-48, February 1914.
528. Kirsch, Felix M. Von der religionslosen schule in Amerika. Donauwörth, L. Auer [1914] p. 245-55. 8°. (Pharus, katholische monatschrift für orientierung in der gesamten pädagogik. Sonder-abdruck, V. jahrgang, March 1914)
By Rev. F. M. Kirsch, O. M. Cap., Herman, Pa.
529. Tenney, Albert F. How to read the Bible in the public schools. Public speaking review, 3: 172-76, February 1914.
Enlarged from an address given before the New York state association of elocutionists, at Syracuse, November 25, 1913.

MANUAL AND VOCATIONAL TRAINING.

530. Ayres, Leonard P. Some conditions affecting problems of industrial education in 78 American school systems. New York city, Division of education, Russell Sage foundation [1914] 22 p. 8°. (Publication E135)
Data concerning 22,027 13-year-old boys in 78 cities and the fathers of these boys gathered with the object of securing a more definite fact basis for thought and action in the field of industrial education. A résumé of these studies also appears in the Elementary school teacher, 14: 212-18, March 1914.

531. **Canada. Royal commission on industrial training and technical education.** Report of the commissioners. Ottawa, printed by C. H. Parmelee, 1913. parts 1-3. 3 v. illus. 4°.
Part 4 not yet published.
Presents the results of investigations concerning all phases of industrial, technical, and vocational education, both elementary and advanced, in Canada, Great Britain, France, Germany, Switzerland, and the United States. Includes manual training, nature study, school gardening, agricultural education, household science, commercial and business education, apprenticeship systems, schools for fishermen, schools of navigation, and schools for tanning and leather industries.
532. **Crawshaw, J. D.** The present day opportunity in manual and industrial arts. Industrial-arts magazine, 1: 79-83, March 1914.
The purpose of the article is to urge administrators as well as teachers to study the problem of teaching industrial work in schools, so that we may recognize the place and work of the special school and be duly impressed with the force of the argument for it.
533. **Kimes, F. M.** Vocational progress and legislation. Progress, 3: 228-31, February 1914.
534. **Mathews, John L.** Dynamic education. Harper's magazine, 128: 616-25, March 1914.
Deals with industrial education in various European countries, especially Germany.
535. **Moseley, Eunice.** Practical education. Colorado school journal, 29: 20-32, February 1914.
Read at the Colorado state teachers' association, November 25, 1913.
536. **National society for the promotion of industrial education.** The selection and training of teachers for state-aided industrial schools for boys and men. (Special report) New York city, National society for the promotion of industrial education, 1914. 112 p. 8°. (*Its* Bulletin no. 19)
537. **Bedfield, William C.** The importance of vocational training. Indian school journal, 14: 303-4, March 1914.
538. **Rindge, Fred H., jr.** 3,500 college students humanizing industry. World's work, 27: 505-11, March 1914.
Describes the industrial service movement among college men. Undergraduate volunteers teach English in thirty lessons to foreigners; others join American mechanics "to give the theoretical knowledge the workmen want and to get the practical knowledge that the workmen have."
539. **Thompson, George.** Prevocational education in England. Vocational education, 3: 239-48, March 1914.
"English educational authorities are dealing with the problem of 'Prevocational education,' for the period from 14 to 16 years of age, in a very practical way. Mr. Thompson's article makes some of the methods employed available for American readers."
540. **Webb, Harrison E.** The technical high school and the engineering college. Bulletin of the Society for the promotion of engineering education, 4: 56-63, February 1914.
541. **Williams, Mary E.** Guiding principles for a course in industrial art for the elementary schools. Industrial-arts magazine, 1: 99-101, March 1914.
Contains suggestions for the first three grades.

VOCATIONAL GUIDANCE.

542. **Civic training and vocational guidance.** Teacher's journal, 13: 386-89, March 1914.
Abridgment of the report of a committee of prominent business men appointed by the commercial club of Lincoln, Nebr., to formulate a plan for incorporating in the schools a system of vocational study and guidance whereby the boys and girls should have some definite means of knowing the industrial and professional life of the community.
543. **Goodwin, Frank P.** Vocational guidance in Cincinnati. Vocational education, 3: 249-59, March 1914.
"Mr. Goodwin's article offers practical suggestions to principals and teachers who want something worth while in vocational guidance."

544. **Knell, Louis J.** Report of the Vocational guidance committee. *American education*, 17: 403-6, March 1914.
Read before the Council of elementary school principals and teachers, in session at Syracuse, N. Y., December 1913.

HOME ECONOMICS.

545. **Agnew, Ella J.** The girls' canning clubs of Virginia. *Normal instructor*, 23: 27, March 1914.
Results of a three year's trial.
546. **Colebank, George H.** Domestic science in the Grafton high school. *West Virginia school journal*, 42: 410-12, March 1914.
547. **Morin, Jeanne.** L'organisation de l'enseignement ménager en Angleterre et en Écosse. *Educateur moderne*, 9: 72-76, February 1914.
To be continued.

COMMERCIAL EDUCATION.

548. **Baker, Benjamin.** Teaching the profession of business at Harvard. *World's work*, 27: 582-86, March 1914.
Work of the Harvard university graduate school of business administration, which trains young men to become executives in industry. It is described as "a laboratory school where the materials with which the student works are the financial records, the organization, the buying and selling systems, the management, and the physical equipment, layout, and operation of actual, specified factories, stores, railroads."

PROFESSIONAL EDUCATION.

549. **Bevan, Arthur D.** Medicine a function of the state. *Journal of the American medical association*, 62: 821-23, March 14, 1914.
Discusses medical education in the United States. Advocates adequate support for medical department of state university and cooperation with state board of health, state licensing board, etc. Gives graphic chart illustrating subject.
550. **Fontaine, Jennie M.** Education the key-note for the betterment of the schools for nurses. *American journal of nursing*, 14: 421-24, March 1914.
551. **Grasset, Professeur.** La réforme de l'agrégation de médecine. *Revue internationale de l'enseignement*, 67: 6-19, January 1914.
552. **Hard, Henry M.** Relation of the general hospital to the training school for nurses. *Boston medical and surgical journal*, 170: 333-37, March 5, 1914.
Writer says that every hospital should educate two classes of attendants upon the sick, one to be known as trained nurses and the other as trained attendants.
553. **Holmes, Christian E.** Hospitals and their relation to medical colleges and the training of internes. *Journal of the American medical association*, 62: 829-33, March 14, 1914.
Describes in particular the New general hospital of Cincinnati, Ohio. Illustrated.
554. **Lowell, A. Lawrence.** The danger to the maintenance of high standards from excessive formalism. *Journal of the American medical association*, 62: 823-26, March 14, 1914.
Criticizes too much formalism in education, because it tends to exclude men of unusual capacity from entering medical schools.
555. **Sherman, Ruth Brewster.** Education and earning power. *American journal of nursing*, 14: 417-21, March 1914.
Compares the earnings of the trained nurse with those of the college woman in other vocations, and discusses the question: "Would abolishing our present fixed rate of charges for work make our profession more attractive to college graduates."
556. **Taylor, Henry L.** Standardizing a three-year course. *Journal of the American pharmaceutical association*, 3: 330-33, March 1914.
557. **Tessier, Joseph.** Le stage dans la nouvelle organisation des études médicales. *Revue internationale de l'enseignement*, 67: 85-100, February 1914.

558. **Whitehead, E. H.** Administering the preliminary college year in chemistry, biology, physics and modern language. *Journal of the American medical association*, 62: 826-28, March 14, 1914.
Suggests that the Council on medical education of the association undertake an investigation of the colleges, as "a result of which it could furnish to the medical schools definite information as to which institutions may, and which may not, be safely accredited."
Discusses admission on certificate; entrance examinations, etc.

EDUCATION OF WOMEN.

559. **Hancock, Elizabeth H.** Coordinate education. *Neale's monthly*, 3: 259-68, March 1914.
Discusses the proposed measure of the Virginia legislature to establish a coordinate college for women in connection with the University of Virginia. Sex inequality of opportunity dwelt on.
560. **Harkness, Mary L.** The education of the girl. *Atlantic monthly*, 113: 324-30, March 1914.
Deprecates modern methods. Says that girls are not made "to realize as boys are that they are being educated for a business which must last as long as life lasts; that they are to feel an interest in it and grow in it,—to develop it, if possible."
561. **McKeever, William A.** Training the girl. New York, The Macmillan company, 1914. xviii, 342 p. illus. 8°.
Bibliography at end of each chapter
562. **O'Shea, M. V.** Chivalry in the school room. *Sierra educational news*, 10: 111-15, February 1914
A discussion of co-education.
563. **Rigg, C. E.** The Mary Datchelor girls' school, Camberwell (England) *Child*, 4: 354-62, February 1914.
Activities of the school described. Illustrated.
564. **Tuttle, Edith M.** Vocational education for girls. *Education*, 34: 445-58, March 1914.
A strong plea for vocational training. Secures higher wages for girls, and opens many avenues of success. Cites wage scales in different cities.

NEGRO EDUCATION.

565. **Davis, J. E.** Tuskegee institute and its conferences. *Southern workman*, 43: 157-67, March 1914.
An illustrated article on Tuskegee, describing its varied activities, with a résumé of the annual conferences held there this year. Address of Dr. B. T. Washington, and discussions.
566. **Wise, Stephen S.** A "stateaman-educator." *Southern workman*, 43: 132-42, March 1914.
Eulogistic sketch of the career of Samuel C. Armstrong, founder of Hampton institute, by Rabbi Wise, of New York. Address delivered on February 1, 1914, in celebration of Founder's day.

EXCEPTIONAL CHILDREN.

567. **Doll, E. A.** The kinds of exceptional children. *Training school bulletin*, 11: 1-2, March 1914.
568. **Morgan, Barbara Spofford.** The backward child; a study of the psychology and treatment of backwardness. A practical manual for teachers and students; with an introduction by Elizabeth E. Farrell. New York and London, G. P. Putnam's sons, 1914. xvii, 263 p. 12°.
569. **Moses, Julius.** Ärztliches zur zwangs- (fürsorge-) erziehung der verirrten und kriminellen jugend. *Zeitschrift für schulgesundheitspflege*, 2.: 161-73, February 1914 (Der schularzt).
Compulsory special education of juvenile delinquents from a medical point of view.

570. **Souder, Charles D.** The state industrial school as I lived through it—and as I should like to see it. *Survey*, 31: 715-18, March 7, 1914.
Advocates making such institutions as nearly like normal life as possible.

EDUCATION EXTENSION.

571. **Fontègne, Julien.** La formation du personnel des écoles de perfectionnement allemandes. *Educateur moderne*, 9: 52-71, February 1914.
Concluded from the January number.
572. **Gilbert, I. B.** Evening classes in the Union high school, Grand Rapids, Mich. *Vocational education*, 3: 260-70, March 1914.
"A brief account of the work done in evening industrial classes in an important manufacturing city."
573. **Mills, J. Saxon.** Continuation schools in England and Germany. *Fortnightly review*, 95: 333-44, February 1914.
Advocates the adoption of a compulsory system. Says: "The employer also in all departments of trade and commerce must be obliged, under penalties, to set his employees free during the hours required for school attendance."

LIBRARIES AND READING.

574. **Magee, Helene Buhlert.** Poetry for boys and girls. *Home progress*, 3: 335-44, March 1914.
Contains a suggestive list of poems for children.
575. **Rathbone, Josephine Adams.** Salaries of library school graduates. *Library journal*, 39: 188-90, March 1914.
Results of a questionnaire recently sent out by the Pratt institute library school to its graduates. Author thinks the figures given may be taken as indicative of a general upward tendency in the profession at large toward better conditions of work and more adequate pay.
576. **Summer, Clarence W.** The state university library and state educational cooperation. *Public libraries*, 19: 99-101, March 1914.
Presented at the 1913 meeting of the North Dakota library association, and at the mid-winter meeting of the League of library commissions in Chicago, by the librarian of the University of North Dakota.

BUREAU OF EDUCATION: RECENT PUBLICATIONS.

577. **Compulsory school attendance.** Washington, 1914. 137 p. (Bulletin, 1914, no. 2)
CONTENTS.—I. Compulsory attendance laws in the United States, by W. S. Doffenbaugh II. Compulsory attendance in foreign countries, by Anna Tolman Smith. III. Compulsory education in Germany, by W. Carson Ryan, Jr. IV. The trend of compulsory education in the South, by William H. Hand. V. Laws of Ohio and of Massachusetts relating to compulsory attendance and child labor. VI. Bibliography.
578. **The folk high schools of Denmark,** by L. L. Friend. Washington, 1914. 24 p. plates. (Bulletin, 1914, no. 5)
579. **Kindergartens in the United States.*** Statistics and present problems. Washington, 1914. 133 p. plates. (Bulletin, 1914, no. 6)
580. **The school and the start in life,** by Meyer Bloomfield. Washington, 1914. 146 p. (Bulletin, 1914, no. 4)
A study of the relation between school and employment in England, Scotland, and Germany.

PERIODICALS REPRESENTED IN THIS NUMBER.

Allgemeine deutsche lehrerzeitung, Leipzig, Germany.
American city, 93 Nassau street, New York, N. Y.
American education, 60 State street, Albany, N. Y.
American educational review, 431 South Dearborn street, Chicago, Ill.

- American journal of nursing, 2419-21 Greenmount avenue, Baltimore, Md.
 American motherhood, Cooperstown, N. Y.
 American physical education review, 93 Westford avenue, Springfield, Mass.
 American school board journal, 129 Michigan street, Milwaukee, Wis.
 American schoolmaster, State normal school, Ypsilanti, Mich.
 Archiv für pädagogik, Leipzig, Germany.
 Atlantic monthly, 4 Park street, Boston, Mass.
 Boston medical and surgical journal, 101 Tremont street, Boston, Mass.
 Bulletin of the Society for the promotion of engineering education, Lancaster, Pa.
 Catholic educational review, Washington, D. C.
 Catholic world, 120-122 West Sixtieth street, New York, N. Y.
 Child, London, England.
 Child-welfare magazine, 227 South Sixth street, Philadelphia, Pa.
 Chinese recorder, Shanghai, China.
 Colorado school journal, 230 Railway Exchange building, Denver, Colo.
 Craftsman, 6 East Thirty-ninth street, New York, N. Y.
 Educateur moderne, Paris, France.
 Education, 120 Boylston street, Boston, Mass.
 Educational bi-monthly, Board of education, Chicago, Ill.
 Educational foundations, 31-33 East Twenty-seventh street, New York, N. Y.
 Educational review, Columbia university, New York, N. Y.
 Elementary school teacher, University of Chicago press, Chicago, Ill.
 English journal, University of Chicago press, Chicago, Ill.
 Florida school exponent, Tallahassee, Fla.
 Fortnightly review, 249 West Thirteenth street, New York, N. Y.
 Forum, 2 East Twenty-ninth street, New York, N. Y.
 Good housekeeping magazine, 381 Fourth avenue, New York, N. Y.
 Harper's monthly magazine, Franklin square, New York, N. Y.
 Harvard graduates' magazine, Harvard university, Cambridge, Mass.
 Harvard illustrated magazine, Harvard university, Cambridge, Mass.
 History teacher's magazine, McKinley publishing company, Philadelphia, Pa.
 Home progress, Riverside press, Cambridge, Mass.
 Independent, 119 West Fortieth street, New York, N. Y.
 Indian school journal, Chilocco, Okla.
 Industrial-arts magazine, Bruce publishing company, Milwaukee, Wis.
 Inter-Mountain educator, Missoula, Mont.
 Journal of education, 6 Beacon street, Boston, Mass.
 Journal of educational psychology, Warwick & York, inc., Baltimore, Md.
 Journal of the American medical association, 535 Dearborn street, Chicago, Ill.
 Journal of the American pharmaceutical association, 79-89 North Third street, Columbus, Ohio.
 Kansas school magazine, Emporia, Kans.
 Kindergarten review, Springfield, Mass.
 Library journal, 141 East Twenty-fifth street, New York, N. Y.
 Life and labor, 127 North Dearborn street, Chicago, Ill.
 Missouri school journal, Jefferson City, Mo.
 Neale's monthly, Union square, New York, N. Y.
 Neue bahnen, Leipzig, Germany.
 New England medical gazette, 80 East Concord street, Boston, Mass.
 New Mexico journal of education, Santa Fe, N. M.
 Normal instructor, Dansville, N. Y.
 North Carolina education, Raleigh, N. C.
 Ohio educational monthly, Columbus, Ohio.

- Ohio teacher, Box 326, Athens, Ohio.
 Pädagogische warte, Leipzig, Germany.
 Pädagogische zeitung, Berlin, Germany.
 Pädagogisches archiv, Braunschweig, Germany.
 Pennsylvania school journal, Lancaster, Pa.
 Popular educator, 50 Bromfield street, Boston, Mass.
 Popular science monthly, Substation 84, New York, N. Y.
 Primary plans, Delosville, N. Y.
 Progress, 201 Scott Thompson building, Oklahoma City, Okla.
 Psychological clinic, Woodland avenue and Thirty-sixth street, Philadelphia, Pa.
 Public libraries, Library bureau, Chicago, Ill.
 Public speaking review, Swarthmore, Pa.
 Revue internationale de l'enseignement, Paris, France
 Revue pédagogique, Paris, France.
 Rural manhood, 124 East Twenty-eighth street, New York, N. Y.
 School and home, Atlanta, Ga.
 School and home education, Bloomington, Ill.
 School-arts magazine, 120 Boylston street, Boston, Mass.
 School century, Oak Park, Ill.
 School progress, School progress league, Philadelphia, Pa.
 School review, University of Chicago press, Chicago, Ill.
 School science and mathematics, Mount Morris, Ill.
 Science, Substation 84, New York, N. Y.
 Sierra educational news, 50 Main street, San Francisco, Cal.
 Southern workman, Hampton, Va.
 Survey, 105 East Twenty-second street, New York, N. Y.
 Teachers college record, Teachers college, Columbia university, New York, N. Y.
 Teacher's journal, Marion, Ind.
 Training school bulletin, Vineland, N. J.
 Virginia journal of education, Richmond, Va.
 Vocational education, Manual arts press, Peoria, Ill.
 Volta review, Volta bureau, Washington, D. C.
 West Virginia school journal, 346 Front street, Morgantown, W. Va.
 Western school journal, Topeka, Kans.
 Wisconsin journal of education, Madison, Wis.
 World's work, Doubleday, Page & co., Garden City, N. Y.
 Wyoming school journal, Laramie, Wyo.
 Yale alumni weekly, 135 Elm street, New Haven, Conn.
 Zeitschrift für pädagogische psychologie, Leipzig, Germany.
 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. Ann 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 nature 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 Weyer, 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. 30 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.
- No. 2. Admission of Chinese students to American colleges. John Fryer.
- *No. 3. Daily meals of school children. 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, 1906, 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.
- No. 5. American schoolhouses. Fletcher B. Dresslar.
- †No. 6. Statistics of State universities and other institutions of higher education partially supported by the State, 1908-10.

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.
- *No. 7. Undergraduate work in mathematics in colleges and universities. 5 cts.
- *No. 8. Examinations in mathematics, other than those set by the teacher for his own classes. 5 cts.
- No. 9. Mathematics in the technological schools of collegiate grade in the United States.
- †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.
- †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 Mutohler and W. J. Craig. 5 cts.
- *No. 2. Mathematics at West Point and Annapolis. 5 cts.
- *No. 3. Report of committee on uniform records and reports. 5 cts.
- *No. 4. Mathematics in technical secondary schools in the United States. 5 cts.
- *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.
- *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.
- *No. 14. Report of the American commissioners of the international commission on the teaching of mathematics. 10 cts.
- †No. 15. Current educational topics, No. II.
- *No. 16. The reorganized school playground. Henry S. Curtis. 5 cts.
- *No. 17. The Montessori system of education. Anna T. Smith. 5 cts.
- *No. 18. Teaching language through agriculture and domestic science. M. A. Loper. 5 cts.
- *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 1910-11.
- 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, 1900-1912. David Eugene Smith and Charles Goldziner. 10 cts.
- 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.

1913.

- No. 1. Monthly record of current educational publications, January, 1913.
- *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. Handochin. 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. 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. A preliminary investigation in a typical manufacturing city, Worcester, Mass.
 - *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.
 - *No. 26. Good roads arbor day. Susan B. Shipé. 10 cts.
 - *No. 27. Prison schools. A. C. Hill. 10 cts.
 - *No. 28. Expressions on education by American statesmen and publicists. 5 cts.
 - *No. 29. Accredited secondary schools in the United States. Kendrick C. Bulcock. 10 cts.
 - *No. 30. Education in the South. 10 cts.
 - *No. 31. Special features in city school systems. 10 cts.
 - *No. 32. Educational survey of Montgomery County, Md. 10 cts.
 - †No. 33. Monthly record of current educational publications, September, 1913.
 - *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.
 - *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. R. 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, 1912. 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. I. L. Kandel.
 - No. 58. Educational system of rural Denmark. Harold W. Focht.
 - 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. H. W. Stinson.