

Compulsory education is about to be tried in Buffalo, N. Y. There are twenty-one universities in Germany, attended by 20,229 students.

The School Board in Glasgow, Scotland, have arranged to establish evening classes for teaching cookery.

A School of Industrial Art, attached to the Pennsylvania Museum, on Broad street, Philadelphia, is in successful operation, and is well attended by young artisans.

The Birmingham School Board has made "the humane treatment of animals" a subject of direct teaching in the classes of its various schools.

In New York State the expenditures of the public schools last year was \$10,976,284.45, and in Ohio the expenditure was \$8,036,620.82.

There were fourteen examinations for the ladies' classes at University College, London, last session, and one hundred and eighteen students entered. Of this number over fifty obtained first-class certificates, and only twelve failed to obtain a place.

The cost of superintendence and management of public schools in Jersey City, N. J., is \$2.85 per pupil per annum; in Cincinnati, \$1.67; in San Francisco, \$1.65; in St. Louis, \$1.02; in Cleveland, 66c, and in the District of Columbia, 58c. In Toronto it is 25c.

The number of schools in the State of Pennsylvania is 17,783, attended by 907,412 children, and the value of school property is \$25,500,000. The cost of tuition per month for each pupil is 89 cents. The number of teachers employed is 20,652.

It is said that an effort will be made this year in the Legislature of the State of New York to abolish school districts—corresponding to our sections—and establish the township system which prevails in New England and Pennsylvania.

## Teachers' Associations.

### EAST MIDDLESEX.

**PROGRAMME**—Friday, 1st March, 10.30 a. m.—Reading Minutes and Communications, Reports of Committees, and Miscellaneous Business. 1.20 p. m.—Miscellaneous. 2 p. m.—President's Address: "Footprints." J. Dearness, I. P. S. 2.30 p. m.—A Method of Discipline, and a Few Ideas in the Method of Recording Marks. Geo. Wrigley, Head Master, Petersville. 3.30 p. m.—The Teaching of Writing, with a discussion of the S. G. Beatty Copy-books, &c. W. D. Eckert, Head Master, London East. Nomination and Election of Officers. 7 p. m.—Doors of the New Mechanics' Hall opened for a Grand Entertainment, being the Presentation of the Association's Prizes, and the Ross Medals; also Readings, Music, and Short Addresses. Admission to members and their friends, 15 cents; to pupils, 10c.

Saturday, 2nd March, 9.30 a. m.—Mathematical Geography, J. G. Hands, Principal of the Teachers' Training College. 10.30 a. m.—English Literature for admission to High Schools, and for Third-class Certificates. (By request.) J. Houston, B. A. J. A. McLellan, Esq., LL.D., is expected. 1.30 p. m.—A few principles in Algebra on Factoring, and Simplifying Circular Fractions. Wm. O'Connor, M. A. 2.30 p. m.—Recent Departmental Regulations, Short Addresses.

### NORTHUMBERLAND.

The Teachers' Association for the County of Northumberland will hold its semi-annual meeting in the Model School Buildings, Cobourg, commencing on Thursday, March 28, 1878, and continue its sessions two days. The following, among other subjects, will be discussed: 1. Elementary Chemistry, Dr. Haunel. 2. School Organization and Discipline, W. E. Sprague. 3. Language Lessons, N. L. Holmes. 4. English Literature, W. M. Scarlett. 5. Elementary Mathematics, Dr. McLellan. 6. Geography and History, Prof. Macoun. 7. The Monitorial System, Mrs. Scarlett. 8. Object Teaching, Mrs. Fish and Prof. Macoun. 9. Grammatical Analysis, Geo. H. Asin and M. A. James. Prof. Reynar will deliver a public lecture in the Court Room on the Thursday evening at 7.30; and Dr. McLellan is expected to deliver a lecture in the same place on the following evening.

M. ALBERT JAMES, Secretary.

D. G. JOHNSTON, President.

**HALDIMAND.**—The meeting of this Association on Feb. 1st and 2nd was one of the most profitable since its inauguration. Notwithstanding the severity of the weather and the almost impassable state of the roads, a large number of the teachers from all parts of the county were present. The addresses of the speakers were able, the discussions spirited, and everything betokened a sound interest in all that pertains to education. The following programme was carried out:—"Address," Rev. T. McGuire; "How to teach Geography," Thomas Hammond; "How to teach History," Rev. Alex. Grant, B.A.; "School Discipline," James McNevin; "Third Class Literature," Thomas Hislop; "Algebra," C. Moses. The greater part of Saturday was occupied by Prof. Lewis, of Toronto, who took up the subject of Elocution, which he handled to the satisfaction of all, and afterwards illustrated his lecture by reading a number of selections from the best authors in a masterly style. On the evening of the first day the Rev. James Black gave an address on "The Teacher as a framer of character," and the Rev. W. B. Shortt, B.A., of the Caledonia High School, delivered an eloquent lecture on "A Trip to New York."

**SOUTH HASTINGS.**—The Association met in Madoc on the 8th and 9th of February, the President, Mr. W. Macintosh, I.P.S., in the chair. The following is the programme:—"Spelling," by Mr. C. Fuller;

"Good order, and how to secure it," by Mr. McLellan; "Geography," by Mr. S. Curtis; "The present standard for third class certificates," by Prof. Dawson, of Belleville High School; "Arithmetic," by Dr. McLellan. The meeting was a very large and enthusiastic one, and the discussions were interesting and practical.

**SOUTH HASTINGS TEACHERS' INSTITUTE.**—The semi-annual meeting of this Institute was held in the Union School, City of Belleville, on Friday and Saturday, 15th and 16th ult. Dr. McLellan, M.A., LL.D., Senior High School Inspector, was present, and took a very active part in the proceedings, contributing very materially to its success. On the first day the programme followed was: Geography to Junior Classes, by J. Irwin, Head Master County Model School; Geographical Distribution of Plants and Animals, by Prof. Macoun, M.A., Albert University; Arithmetic to Junior Classes, J. Johnston, I.P.S.; Arithmetic, Dr. McLellan; and Composition, by Prof. Dawson, B.A., T.C.D., High School Master, Belleville. In the evening Dr. McLellan delivered an eloquent address in the City Hall, which was crowded to its utmost extent, on "Canada's Elements of National Power." At the conclusion, in answer to a vote of thanks, the Doctor congratulated the city on the efficient state of the schools, particularly the High School, hoping a fourth teacher would soon be appointed, and a new High School building erected. The second day's programme consisted of: Grammar to Junior Classes, by W. T. Kenny; Reading, Dr. McLellan; Writing, G. A. Swayze, Writing Master Belleville High and Public Schools; Algebra, Dr. McLellan; and English Literature for 3rd Class Candidates, Prof. Dawson. An address to teachers, by Dr. McLellan, closed the programme. The present meeting was the most successful ever held in this place, and the attendance the largest—a large number of the friends of education from the city and its vicinity being present.

## REVIEWS.

**EDUCATIONAL JOURNALS.** Every teacher should take the educational journal of his own Province. He should also take, or get his School Board to take, at least one good journal besides. There is no lack of good school periodicals in the United States.

**WEEKLIES.** The best weeklies are, "The New England School Journal," T. W. Bicknell, 16 Hawley St., Boston; "The Educational Weekly," S. R. Winchell, 170 Madison St., Chicago; and "The Youth's Companion," Perry, Musson & Co., 41 Temple Place, Boston.

**MONTHLIES.** The following are all standard journals: "The Pennsylvania School Journal," Hon. J. P. Wickersham, Lancaster, Pa.; "The Pacific School and Home Journal," San Francisco, A. Lyser & Co., 508 Clay St.; "Barnes' Educational Monthly," A. S. Barnes & Co., New York and Chicago. This journal enters on the fourth year of its existence with a new name. It has been called the "National Educational Monthly." It is a very excellent publication. "The Practical Teacher" and the "Primary Teacher" are decidedly good teachers' aids. They are worthy of the names they have assumed. The first is issued from the office of "The Educational Weekly," and the second from that of the "New England School Journal." "The New Education" is a little monthly published by W. N. Hailmann, of Milwaukee, in the interests of Kindergarten and home culture. Like everything written by Mr. Hailmann, it is worthy of the best attention of teachers, and others interested in Education.

**THE ART OF TEACHING.** Montreal: Dawson Bros. Price, 50c. This is a neat little book of 110 pages, written by Frederick C. Emberson, M.A., late Commissioner to inspect Model and High Schools in the Province of Quebec. It treats of a great many subjects of interest to teachers, suggestively not exhaustively. Many useful hints are given. If the book had been named "The Art of Managing a School," its title would have more nearly indicated its leading features. The instructions given in regard to methods of teaching are comparatively meagre and unimportant, the furniture, apparatus and text-books recommended are not equal to those at present used in Ontario; but the book is well worth its cost to every teacher, independent of the parts referred to above. The chapters on Discipline, Moral Tone in Classes, How to make Children like School, Cheerfulness and Health of Teacher and