

THE ANNUAL 1915 MEETING OF THE CENTRAL ASSOCIATION OF SCIENCE AND MATHEMATICS TEACHERS.

The fifteenth annual meeting of the Central Association of Science and Mathematics Teachers will be held at Chicago in the new building of the Harrison Technical High School, November 26th and 27th. Plans for the meeting provide programs for the general sessions and section meetings, which include addresses, papers, and discussions on some of the most important topics now under consideration in secondary-school work.

At the general session on Friday morning, November 26th, addresses will be given by Earle R. Hedrick, professor of mathematics, University of Missouri, Cyril G. Hopkins, professor of agronomy, University of Illinois, and Edward H. Steiner, sociologist, Grinnell College, Iowa. The remarkable development of the high school in recent years and the new demands made upon it have given rise to questions of reorganization and administration, which affect the teacher as well as the pupil. The speakers at this session are peculiarly well fitted to deal with these questions, and teachers of science or mathematics in the territory of the association cannot afford to miss this opportunity of broadening their outlook on the practical problems of readjustment and getting suggestions of real value to aid in solving these problems in their own school.

On Friday evening, William B. Ittner of St. Louis, architect of the Board of Education of St. Louis, and one of the foremost architects of school buildings in the country, will give a most interesting and valuable address on school architecture, Mr. William R. Moss, Chicago Association of Commerce, will give an address from the viewpoint of a business man as to what business demands of science and mathematics teaching, and Mr. A. A. Upham of the Whitewater Normal School, Wisconsin, will speak from a school man's point of view concerning the business management of our school systems.

The programs of the section meetings, Agriculture, Biology, Chemistry, Earth Science, Home Economics, and Mathematics, include papers by many of the ablest and most prominent teachers of the country. Committees appointed in the various sections at the last annual meeting have been at work during the year and will report at this meeting. It is expected that ample time will be allowed in each section for general discussion. The program will be sent out early in November, and members are urged to come to the meeting prepared to take part in the discussion of papers.

All teachers of science and mathematics interested in making their work of greater value to pupils and to the community who have not availed themselves of the benefits of this Association, are cordially invited to attend this meeting and enroll themselves as members. Not the least pleasure and profit of attending the annual meetings of this Association is the opportunity it gives of renewing old friendships and forming new ones. The mutual exchange of ideas and experiences will furnish inspiration for the work of another year.

For programs and additional information, write the Secretary, Mr. A. W. Cavanaugh, Lewis Institute, Chicago.

PROPOSED CHANGES IN THE CONSTITUTION OF THE CENTRAL ASSOCIATION.

The Committee on Revision of the Constitution of the Central Association of Science and Mathematics Teachers proposes the following changes. Since the changes are all additions, the parts of the Constitution affected are quoted in revised form, with the additional words italicized. The designation "Assistant Secretary" is changed to "Corresponding Secretary."

Article IV, first sentence. This Association shall be divided into sections as follows: *Agriculture*, *Biology*, *Chemistry*, *Earth Science*, *Home Economics*, *Mathematics* and *Astronomy*, and *Physics*.

Article VI, Sec. 1. The officers of the Association shall be a President, a Vice-President, a *Recording Secretary*, a *Corresponding Secretary*, a *Treasurer*, and an *Assistant Treasurer*.

Article VI, Sec. 4, sentences 3 and 4. The President, Vice-President, *Corresponding Secretary*, and *Assistant Treasurer* each shall be elected for a term of one year. The *Recording Secretary* shall be elected for a term of two years.

W. L. EIKENBERRY,
C. H. SMITH,
MINNA C. DENTON.

EASTERN ASSOCIATION OF PHYSICS TEACHERS.

The 70th regular meeting of this very wide-awake Association was held Saturday, March 20th, in the Medford High School, Medford, Mass. The regular meeting was preceded by a short session of the Executive Committee, after which the meeting as a whole opened with a business session, at which the members listened to reports from the various standing committees. The first report was that of the Secretary, and this was followed by the Treasurer's report which showed a very substantial amount in the treasury. Mr. Cowan, as Chairman of the Committee on New Apparatus, reported some interesting new apparatus recently put out by the Knowt Apparatus Co. Mr. Brayton, physics instructor in the Medford High School, then gave a short account of the electrical equipment in the laboratory of this school. The Committee on New Books, of which Clarence Boylston is Chairman, presented its report, and this time it was on two books in first year science, one by Dr. Hessler of the Jas. Milliken University and the other by Dr. Snyder of the Hollywood High School, Los Angeles. The Committee on Current Events had been busy since the last meeting and had collected several interesting bits of information which were at this time presented to the meeting. This was followed by the report of the Committee on Magazine Literature. It gave a summary of the leading articles appearing about physics, which have been published during the past year. Several new names were elected to membership, and the following officers were elected for the year 1915-16:

President—Clarence M. Hall, Springfield, Mass.

Vice-President—Frederick E. Sears, St. Paul's School.

Secretary—Alfred M. Butler, Boston.

Treasurer—Percy F. Brayton, Medford, Mass.

Mr. N. Henry Black of the Roxbury Latin School then read an appreciation of Prof. Ernst Grimsehl, a splendid German physics teacher who fell in battle while defending his country. Resolutions concerning this man were presented and unanimously adopted. These were printed in the June issue of this Journal.

The real subject of the meeting was then taken up, which was a symposium on the subject, "What Should Be the Aim in High School Physics Teaching?" This was discussed in a very able way by several people. This was taken up from the religious point of view by Dr. Chas. F. Dole, President of the Twentieth Century Club, Boston. He was followed by Mr. Henry Abrams, Secretary of the Central Labor Union of Boston, who spoke from the point of view of the laboring man. At the conclusion of this talk the meeting adjourned for luncheon, which was served by the domestic science class of the Medford High School.