

experience, The point, the line, and the curve in a common plane are taken as the geometric elements, and by one of these, or their combinations, are defined as a geometric plane figure. There are in all five divisions in the book, each of which is divided appropriately into sections dealing with the various geometric figures discussed by Euclid.

ELEMENTS OF ANALYTIC GEOMETRY by Arthur S. Hardy, Ph. D., Professor of Mathematics in Dartmouth College, and published by Messrs. Ginn and Co., Boston. This, taking Todhunter's text-book as the standard, is an excellent text-book for the student, and will no doubt soon find its way into general use. Particular attention has been paid to those fundamental conceptions and processes which, in the experience of all mathematical teachers, have been found to be sources of difficulty to the student in acquiring a grasp of the subject as a method of research. The limits of the work are fixed by the time usually devoted to the above subject in our college courses by those who are not to make a special study of mathematics. The work will certainly prove to be a text-book which the teacher will use in his class-room, rather than a book of reference to be placed on his study shelf.

NATURE READERS: SEASIDE AND WAYSIDE; by Julia M. Wright, and published by Messrs. D. C. Heath & Co., Boston. This is the third volume of a series of children's readers which has become a favourite with our pupils. It would be well to add it to our school libraries. The author has not sought to model these books upon any pattern previously set, but to make them the outcome of her practical knowledge in dealing with the receptive and retentive powers of children. The "general knowledge" principle is being adopted nearly everywhere, and if we can only introduce an examination paper at the end of the year in our schools testing the intelligence of the pupils, we would only be doing what others have done. This book and its predecessors would be of great assistance in giving the child some of that general knowledge which makes so pleasant the acquiring of what has been called school knowledge.

HYGIENIC PHYSIOLOGY by Joel D. Steele, Ph. D., and published by Messrs. A. S. Barnes & Co., New York and Chicago. This is the third volume of the Pathfinder series on physiology and hygiene, and as it is an advanced form of the books which have been already issued, it will prove to be of great service to the teacher in preparing the lessons of the day on that subject. The author has evidently gleaned from every field, to secure that which will interest and profit his readers. The engravings and the coloured plates are of the best workmanship, while as a special feature, the analytical questions at the end of each division of the book, must be of invaluable service to teacher and pupil. The whole work is written in a spirit which will satisfy those of us who desire our children to recognise cause and effect in the laws which regulate health and happiness.