

well and parse with tolerable facility. I have taught them grammar orally. Nine months ago several of them could only spell monosyllables of two letters. Some of the older children can extract the square root of a number of eight figures and the cube root of one of four or five mentally. I have occasionally given them algebraic equations to solve in the same way. I remember a few of them and will give two or three;

$$2x + 3y = a$$

$$3x + 4y = b$$

Find  $x$  and  $y$ .

$$\text{Expand } \left( \frac{a}{b} + x \right)^7$$

Given  $x^3 + y^3 = 280$ , and  $x + y = 10$ , to find  $x$  and  $y$ .

Those familiar with algebraic formulæ will see that the exercise was a severe one. Correct answers were given and to make sure that it was not the result of a happy thought I made them repeat the process alone. As none of them had completed the 14th year, I think that in that they will compare favorably with any other children.

The clergymen and other professional gentlemen in the vicinity have promised to aid me in the annual course of lectures. I anticipate good from them. Provision has been made for prizes in the following branches, viz: Religious knowledge, English History, Latin, Geometry, Algebra, Mensuration, Arithmetic, Grammar, Writing, Spelling and Reading. The examination on the first two will be *vivâ voce*; on the others partly by papers and partly *vivâ voce*. For the religious knowledge prizes, the junior division, in addition to the Scripture history in their reading books, will be examined on the first part of the book of Genesis, the 20th Chapter of Exodus, Numbers 20th to 25th inclusive, and the 34th chapter of Deut. The senior, the same as the junior, and in addition some of the prophecies concerning Christ and the history of Christ in Matthew's Gospel. I will now give some extracts from the examination papers which I have carefully prepared. They will exhibit the actual state of the school. Grammar, Composition; Analyse the passage in Young commencing with,—How shocking must thy summons be, O Death, (8 lines). From Milton.—Now came still evening on. (8 lines). From Pope.—The lamb thy riot dooms to bleed to day, (4 lines), What is periphrasis, euphemism, pleonasm, metaphor, tautology? Examples.

Geography; Mention the principal rivers, lakes, seas, bays, gulfs and mountains on the globe. Name the different countries in Europe and America, give the productions of each and how situated for commerce. Prove the rotundity of the earth. Show the effect of the inclination of the axis of a planet. Physics; How is curvilinear motion produced?