

are compelled to make extraordinary drains on health and strength by doing one or two hours over-time every day, the **FULL SET OF PRIMARY OR THIRD CLASS PAPERS** down to date is given. The questions are roughly graded, so that the best plan of attack is to work No. 1 in each paper throughout, then No. 2, etc., until the pupil is prepared to do a paper in full against time. **THE TEACHERS' EDITION** contains a complete set of answers to the whole and **SKELETON SOLUTIONS** to all the questions requiring them. It is hoped that teachers will try **THE LABORATORY PLAN**, which has proved a triumphant success in other branches. In this plan the material to be investigated—in this case the sets of problems—is placed before the pupil and he receives directions how to set to work. He also receives books, apparatus, etc., and is told how to make use of them. Thus equipped he is left to his own resources as much as possible. After going rather slowly for a week or two he begins to depend on himself and learns to teach himself with the least possible assistance from his teacher, whose duties become largely of an advisory kind.

This plan has been fully tested in Arithmetic with great success. The questions here given without the answers furnish the matter to be investigated. If the pupil can write out full and explicit solutions he needs no help and receives none. If he fails after due trial the *Skeleton Solution* gives him assistance at the discretion of his teacher, or it enables the teacher to point out in a moment the vicious step in the calculation, so that time is economised and the overpressure of examination work is relieved to an appreciable extent.

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