LESSONS ON FORM, FOR THE USE OF TEACHERS AND PUPILS IN ELEMENTARY SCHOOLS

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IN ELEMENTARY SCHOOLS

BY

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PREFACE.

THE course pursued in this Elementary Treatise is founded on Pestalozzi's system of teaching Geometry. This system which has long been practised in Holland, Switzerland, and Germany, is no doubt often unconsciously adopted by teachers of elementary classes in English schools, although there are at present no recognised text-books suggestive of the method. Its chief characteristic is to move step by step from the simplest notions to the more advanced geometrical truths.

The lessons are designed for schools where time does not admit of the pupils reading the advanced text-books on Pure Geometry in ordinary use. Notwithstanding their elementary character, they will be found to cover a good deal of ground in that subject. It is moreover hoped, and is in fact intended, that they should be suggestive to teachers of those amplifications which beginners always need in an abstract subject like Geometry.

In a few cases it was not convenient to adhere to a strictly logical sequence of the articles. The author is aware that, considering the nature of the subject and the mental discipline which results from a sound course of it, this is a serious defect, yet in the present instance it is more than counterbalanced by certain advantages.

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