

**SEEING AND THINKING: ELEMENTARY  
LESSONS AND EXERCISES  
INTRODUCTORY TO GRAMMAR,  
COMPOSITION, AND LOGICAL  
ANALYSIS. SECOND EDITION: REVISED,  
PARTLY RE-WRITTEN AND EDITED**

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**CHARLES HENRY SCHAIBLE & T. F. ALTHAUS**

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# SEEING AND THINKING:

ELEMENTARY LESSONS AND EXERCISES

INTRODUCTORY TO

GRAMMAR, COMPOSITION, AND LOGICAL ANALYSIS.

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SECOND EDITION:

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## PREFACE TO THE FIRST EDITION.

(ABRIDGED)

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SOME acquaintance with grammar and construction is the first requisite for the clear expression of ideas, even in our mother tongue. Hence these subjects find a place in every course of elementary instruction, and the young learner will, after a considerable expenditure of time and labour, probably produce a fairly grammatical exercise or essay. But, as a rule, little if any care is taken in such instruction to suggest to the pupil, or to develop in him, the ideas themselves which it is the business of language to express. Grammar-teaching gives little more than the instrument of composition, and a special training is needed to stimulate in the learner the conception and development of ideas.

It is the purpose of the following pages to aid in preparing young pupils for the work of composition by a series of easy and systematic exercises in observing and thinking for themselves.

The first chapters begin with the simplest notions, illustrate the earliest elementary processes of thought, and go on to the development of the simple sentence, and its chief constituent parts. They thus proceed gradually from the primary conceptions of objects to their connexion and relations.

The succeeding portions go further in the same direction. In them the pupil is led to consider objects in their more extended relations, to compare and to classify them; also to distinguish between cause and effect, motive and purpose, means and end. The work being, however, elementary, its scope has been limited, and the exercises made as simple as the subject allows.

## PREFACE TO THE SECOND EDITION.

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IN their original form the following pages appeared, in 1860, under the title *Exercises in the Art of Thinking*. Owing to circumstances connected with the firm of publishers (Messrs. Aylott & Son, Paternoster Row) it became impracticable, in spite of the very favourable reception accorded to the book by the scholastic profession and the press, to satisfy the demand for a second edition immediately. Since then, Dr. Schaible has been prevented by his other engagements from devoting that full measure of time to the work which he felt would be needed for the desired modification of its plan: hence it is, that so long an interval has been allowed to elapse between the first edition and the appearance of the book in its present shape.

In preparing the exercises for the press, I have availed myself of notes written some years ago by Dr. Schaible for the earlier chapters of the second edition, notes in the composition of which he made considerable