

THE TEACHER'S LOGIC

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The teacher's logic by John E. Adamson

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Preface.

TEACHERS do not seem to recognise how close a connection exists between the general principles of Logic and the theory and practice of Teaching. They regard Logic as a subject that, though it may afford valuable mental exercise, has no direct bearing on their professional work. It is the aim of this book to show that such a view is entirely erroneous. In the following pages I have endeavoured to explain those parts of logical doctrine which are most closely related to the theory of teaching, and to draw from them suggestions as to the best methods of exposition of such subjects as fall within an ordinary school course.

With this aim in view, I have not hesitated to omit much which will usually be found in an elementary work on Logic, but which does not subserve the purpose I have in view; while, on the other hand, I have treated many parts of inductive Logic more fully than is usual in a work of this kind. In the matter of arrangement, too, I have not adopted the traditional order of treatment. For instance, induction precedes deduction because it seemed to me more in keeping with the practice of teaching to establish general truths before applying them.

It is my hope that this work will—

1. Not only enable the reader to answer questions which bear directly on the principles of Logic, but
2. Also enable him to treat all questions on the theory of teaching in a more thorough and more scientific manner than heretofore, and

PREFACE.

3. What is most important of all, suggest to him ways in which the lessons he gives may be brought to exhibit a truly scientific method.

I have made free use of the works of Mill, Jevons, and Fowler, and am especially indebted to Venn's "Empirical Logic." Occasional reference has been made to Bain's "Induction," Keynes' "Formal Logic," Ray's "Deductive Logic," and Welton's "Manual of Logic." I have availed myself, also, of the valuable suggestions regarding this subject offered in the Report of the Departmental Committee on the Pupil Teacher System.

J. E. A.

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