

**AN EASY
INTRODUCTION
TO CHEMISTRY**

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An Easy Introduction to Chemistry by Arthur Rigg & Walter T. Goolden

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ARTHUR RIGG & WALTER T. GOOLDEN

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CHEMISTRY

EDITED BY THE REV.

ARTHUR RIGG, M.A.

LATE PRINCIPAL OF THE COLLEGE, CHESTER

AND

WALTER T. GOOLDEN, M.A.

FELLOW OF THE CHEMICAL SOCIETY, AND LECTURER IN NATURAL SCIENCE
AT TONBRIDGE SCHOOL

WITH NUMEROUS ILLUSTRATIONS

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P R E F A C E

THE foundations of knowledge are only securely laid when habits of observation have been cultivated. The inquiries young persons frequently make are prompted by what may be considered instinct, and are generally suggested by that which is seen or handled. Hence parents and teachers, as far as practicable, answer with much care and patience these early thirstings after knowledge. To supply information in a form which it is hoped may be intelligible and interesting to all parties concerned in thus learning to read the ever-open book of nature, the following pages are issued. They are based upon a *First Book of Chemistry*, by Dr. Worthington Hooker, published in America, and are intended to convey information in respect to changes which are likely to attract the attention of young persons who observe and inquire. The book professes to be only an introductory one: this however may be quite consistent with an interesting and accurate one. It may amply satisfy some readers—it may be an incentive to further inquiries and deeper research with others. If in any case it proves acceptable, and conveys such elementary knowledge as must precede higher studies, it will thus subserve one important purpose in its publication.

PREFACE TO THE SECOND EDITION.

COMMUNICATIONS received from many who read the first edition expressed a hope that if a future edition were issued, certain alterations might be made, which would render the volume as well suited for educational as it was for domestic use. The suggestion has been adopted, and Mr. Walter T. Goolden, late Scholar of Merton College, Oxford, has contributed most materially to such changes in this edition as seemed likely to make the book acceptable where, in its original form, it was not expected to be introduced.

March, 1875.

PREFACE TO THE THIRD EDITION

IN this edition many corrections have been made and some few additions, which it is hoped will make the book more useful to teachers. The Editor has not thought it desirable to introduce Chemical Symbols, or add anything to the text which will alter its strictly elementary character.

W. T. G.

TONBRIDGE, 1883.

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