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*Organic Chemistry* John Wiley & Sons

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Science in Nursing and Health Care Routledge

This book is meant for students grades 6 and higher. It addresses concepts that are critical to the understanding of the inner structure of the atom, which lays the foundation for appreciating how elements behave in chemical reactions. The text has been integrated with colorful images that help engage the visual with the conceptual. No prerequisites are necessary. The book is suitable for the beginner who has not studied chemistry before, and for the student who wants to clarify questions for review

purposes. A couple of mathematical chapters were also infused into the book to support younger learners with the necessary mathematical background to succeed. To get the most from this book, students should summarize each chapter and rehearse the concepts. Attempting to work independently through all problems at the end of the book is beneficial only before reading the solutions. When solving problems, one can be sure the chemical principles presented were well understood. Restricting oneself to only reading is incomplete learning. The series walks learners gradually and conceptually through the chemical and particle physics theories that are meant to jumpstart a more profound scientific understanding. Topics covered in this volume: Subatomic Particle, Atomic Mass, Period Table of Elements, Atomic Number, Isotope and Ion Notations, Atomic Weight, The Mole, Molar Mass, Exponents, The Rule of Three, Practice problems and easy to follow solutions.

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*Chemistry Workbook For Dummies* Bushra Arshad  
Organic Chemistry 13th Edition continues Solomons, Fryle, and Snyder's tradition of excellence in teaching and preparing students for success in both the classroom and beyond. Central to the authors is their approach in emphasizing organic chemistry's relationship between structure and reactivity. To accomplish this, the content is organized in a way that combines the most useful features of a functional group approach with one largely based on reaction mechanisms. The authors' philosophy is to emphasize mechanisms and their common aspects as often as possible, and at the same time, use the unifying features of functional groups as the basis for most chapters. The structural aspects of the authors' approach show students what organic chemistry is. Mechanistic aspects of their approach show students how it works. And wherever an opportunity arises, the authors show students what it does in living systems and the physical world around us.

*Basics for Chemistry* Simon and Schuster

Chemistry: The Molecular Nature of Matter, 8th Edition continues to focus on the intimate relationship between structure at the atomic/molecular level and the observable macroscopic properties of matter. Key revisions focus on three areas: The deliberate inclusion of more, and updated, real-world examples to provide students with a significant relationship of their experiences with the science of chemistry. Simultaneously, examples and questions have been updated to align them with career concepts relevant to the environmental, engineering, biological, pharmaceutical and medical sciences. Providing students with transferable skills, with a focus on integrating

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