



Hands-On Chemistry Activities with Real-Life Applications: Easy-to-Use Labs and Demonstrations for Grades 8-12

By Herr, Norman; Cunningham, James

Jossey-Bass, 1999. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: ABOUT THE AUTHORS.ACKNOWLEDGMENTS.ABOUT THIS RESOURCE.UNIT ONE: MEASUREMENT.1.1 Language of Chemistry.1.1.1 Nomenclature: Elements.1.1.2 Nomenclature: Compounds.1.1.3 Chemical Terminology: Understanding the Language of Chemistry.For the Teacher (Discussion and Answer Keys for Activities 1.1.1-p;1.1.3).Applications to Everyday Life.1.2 Units of Measurement.1.2.1 The Importance of Units.1.2.2 Units in Chemistry.1.2.3 Problem Solving (Dimensional Analysis).For the Teacher (Discussion and Answer Keys for Activities 1.2.1-p;1.2.3).Applications to Everyday Life.1.3 Measurement.1.3.1 Length: Estimating and Measuring.1.3.2 Area: Estimating and Measuring.1.3.3 Volume: Estimating and Measuring.1.3.4 Measuring Mass 1.3.5 Density of Solids.1.3.6 Density of Liquids.1.3.7 Density of Solutions.1.3.8 Density of Solutions: The Mystery of the Strait of Gibraltar.1.3.9 Density of Gases.For the Teacher (Discussion and Answer Keys for Activities 1.3.1-p;1.3.9).Applications to Everyday Life.UNIT TWO: MATTER.2.1 Atomic Structure 2.1.1 Atoms are Mostly Empty Space.2.1.2 Atomic Spectra.2.1.3 Wave Characteristics.2.1.4 Quantum Numbers and Electron Orbitals.2.1.5 Electron Configuration.For the Teacher (Discussion and Answer Keys for Activities 2.1.1-p;2.1.5).Applications to Everyday Life.2.2 The Periodic Law.2.2.1 Finding the "Missing Elements".2.2.2 Designing Your Own Periodic Table.2.2.3 Family Characteristics.2.2.4 Trends Within

Reviews

Extensive guideline! Its this sort of excellent read. it had been writtern quite properly and helpful. You can expect to like just how the writer create this book.

-- **Mr. Gustave Gerhold**

This book will never be straightforward to start on reading through but quite enjoyable to learn. Better then never, though i am quite late in start reading this one. Your lifestyle span will probably be convert once you complete reading this publication.

-- **Dr. Kadin Hane DVM**