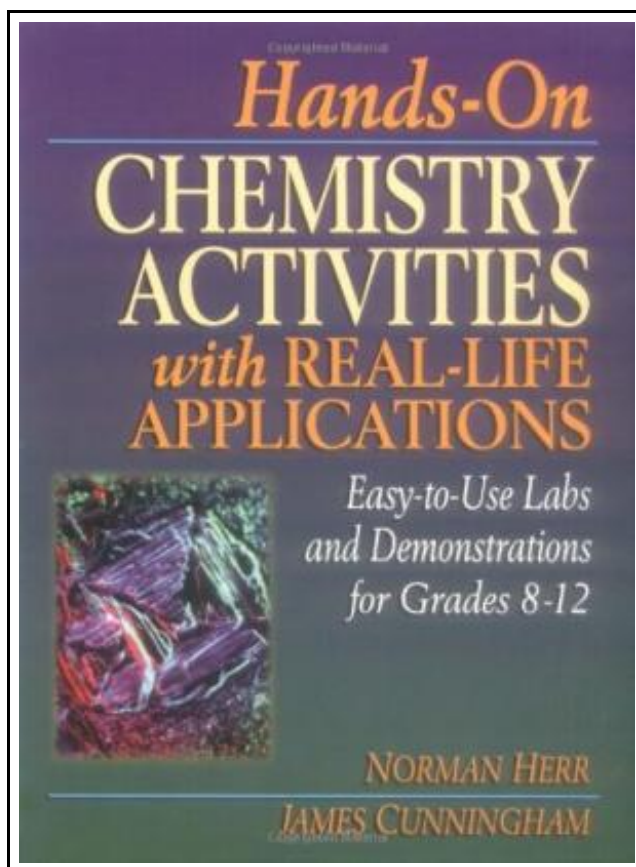


Hands-On Chemistry Activities with Real-Life Applications: Easy-to-Use Labs and Demonstrations for Grades 8-12



Filesize: 6.79 MB

Reviews

Definitely among the best book I have possibly read. I have study and i am sure that i will going to go through once more once more later on. Your lifestyle span is going to be convert when you full looking at this publication.

(Prof. Damon Kautzer III)

HANDS-ON CHEMISTRY ACTIVITIES WITH REAL-LIFE APPLICATIONS: EASY-TO-USE LABS AND DEMONSTRATIONS FOR GRADES 8-12



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 Families.For the Teacher (Discussion and Answer Keys for Activities 2.2.1-p;2.2.4).Applications to Everyday Life.2.3 Diffusion and Osmosis.2.3.1 Brownian Motion.2.3.2 Diffusion of Gases.2.3.3 The Effect of Temperature on Diffusion.2.3.4 The Effect of Molecular Size on Diffusion Rate.2.3.5 Osmosis.2.3.6 Osmotic Pressure.2.3.7 Dialysis.For the Teacher (Discussion and Answer Keys for Activities 2.3.1-p;2.3.7).Applications to Everyday Life.2.4 Changes of State.2.4.1 Relative Volumes of Solid, Liquid and Gas Phase.2.4.2 Heats of Fusion and Vaporization.2.4.3 Boiling: The Influence of Pressure.2.4.4 Distillation.2.4.5 Sublimation of Carbon Dioxide.2.4.6 Triple Point; Phase Diagram of Carbon Dioxide.2.4.7 Regelation: Phase Diagram of Water.For the Teacher (Discussion and Answer Keys for Activities 2.4.1-p;2.4.7).Applications to Everyday Life.2.5 Classification of Matter.2.5.1 Physical and Chemical Changes.2.5.2 Separation of Pure Substances and Mixtures: Chromatography.2.5.3 Identification of Physical and Chemical Changes.2.5.4 Elements and Compounds.2.5.5 Extensive and...



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



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

See Also



Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)

HarperCollins, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Foreword by Raph Koster. Introduction. I. EXECUTIVE CONSIDERATIONS. 1. The Market. Do We Enter the Market? Basic Considerations. How...

[Save eBook »](#)



Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep

CreateSpace Independent Publishing Platform, 2013. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: "Star Flights Bedtime Spaceship" is a charming and fun story with the purpose to help children...

[Save eBook »](#)



The Web Collection Revealed, Premium Edition: Adobe Dreamweaver CS6, Flash CS6, and Photoshop CS6 (Stay Current with Adobe Creative Cloud)

Cengage Learning, 2012. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: You can now maximize and integrate the design and development power of Adobe Creative Suite 6 with WEB...

[Save eBook »](#)



Maisy's Christmas Tree

Candlewick, 2014. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: The final scene of the gang caroling around the tree, complete with paper crowns from British Christmas crackers, is...

[Save eBook »](#)



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Save eBook »](#)