

## Chemistry Made Simple Study Guide Answers

A physics basics study guide designed for kids can help young students get a grasp on scientific concepts at an early age and go on to have an academic advantage in school. Introducing core concepts like speed, mass, velocity, and principles like thermodynamics, electricity and magnetism, study guides make information more memorable and can help students pass tests. physics guides for kids present the material in a fascinating and engaging way that can help support a kids' interest in science.

Winner of the PEN/Hemingway Award A Washington Post Notable Book One of the Best Books of the Year: NPR, Entertainment Weekly, Ann Patchett on PBS NewsHour, Minnesota Public Radio, PopSugar, Maris Kreizman, The Morning News Winner of Ploughshares' John C. Zacharis Award Winner of a Whiting Award A Belletrist Amuse Book At first glance, the quirky, overworked narrator of Weike Wang's debut novel seems to be on the cusp of a perfect life: she is studying for a prestigious PhD in chemistry that will make her Chinese parents proud (or at least satisfied), and her successful, supportive boyfriend has just proposed to her. But instead of feeling hopeful, she is wracked with ambivalence: the long, demanding hours at the lab have created an exquisite pressure cooker, and she doesn't know how to answer the marriage question. When it all becomes too much and her life plan veers off course, she finds herself on a new path of discoveries about everything she thought she knew. Smart, moving, and always funny, this unique coming-of-age story is certain to evoke a winning reaction.

This BRAND NEW guide is directly linked to the new syllabus with every single dot point of the Preliminary Chemistry syllabus appearing in the margin of the book. Now in a full-colour format has even more features than before to help students succeed in Year 11. You can write in the guide, so your study is focused and your notes are structured! It includes up-to-date coverage of all the core topics.

See the world, one molecule at a time. Chemistry helps us understand not only the world around us, but also our own bodies. CHEMISTRY MADE SIMPLE makes it fun. Each chapter has practice problems with complete solutions that reinforce learning. A glossary of chemical terms, the modern periodic table, and detailed illustrations throughout make this the best introduction to one of the most studied of all sciences. Topics covered include: \*the Scientific Method \*the structure and properties of matter \*compounds \*laws of chemistry \*gases, liquids, and solids \*solutions \*electrochemistry \*the atmosphere \*biochemistry \*organic chemistry \*nuclear chemistry \*energy \*the environment Look for these Made Simple titles Accounting Made Simple Arithmetic Made Simple Astronomy Made Simple Biology Made Simple Bookkeeping Made Simple Business Letters Made Simple Earth Science Made Simple English Made Simple French Made Simple German Made Simple Ingles Hecho Facil Investing Made Simple Italian Made Simple Latin Made Simple Learning English Made Simple Mathematics Made Simple The Perfect Business Plan Made Simple Philosophy Made Simple Physics Made Simple Psychology Made Simple Sign Language Made Simple Spelling Made Simple Statistics Made Simple Your Small Business Made Simple [www.broadwaybooks.com](http://www.broadwaybooks.com)

A Concise and Easy Study Guide to Ace General Chemistry I Learn the important concepts covered in the first semester of a college general chemistry course in this concise but comprehensive study guide. This study guide is a supplemental resource to help students learn/review the important concepts covered in the first semester of a college general chemistry course. The guide is broken down into 11 easy to read chapters and covers: An Introduction to Chemistry Components of Matter Stoichiometry of Formulas and Equation Gases and Gas Laws Thermochemistry Quantum Theory and Atomic Structure Periodic Table and Period Properties Chemical Bonding Bonding Theories Geometry of Molecules And MUCH MUCH MORE... Buy a Copy and Begin Learning Today!

Success in organic chemistry requires mastery in two core aspects: fundamental concepts and the skills needed to apply those concepts and solve problems. With Organic Chemistry, Student Solution Manual and Study Guide, 4th Edition, students can learn to become proficient at approaching new situations methodically, based on a repertoire of skills. These skills are vital for successful problem solving in organic chemistry.

Leads the reader on a delightful and absorbing journey through the ages, on the trail of the elements of the Periodic Table as we know them today. He introduces the young reader to people like Von Helmont, Boyle, Stahl, Priestly, Cavendish, Lavoisier, and many others, all incredibly diverse in personality and approach, who have laid the groundwork for a search that is still unfolding to this day. The first part of Wiker's witty and solidly instructive presentation is most suitable to middle school age, while the later chapters are designed for ages 12-13 and up, with a final chapter somewhat more advanced. Illustrated by Jeanne Bendick and Ted Schluenderfritz.

Designed for students in Nebo School District, this text covers the Utah State Core Curriculum for chemistry with few additional topics.

Revise AS Maths gives complete study support throughout the year. This Study Guide matches the curriculum content and provides in-depth course coverage plus invaluable advice on how to get the best results in the AS exam. \*Provides frequent progress checks and exam practice questions to consolidate learning\*Contains invaluable advice and practice questions for the exam\*Includes examiner's tips and reveals how to achieve higher marks

A fantastic aid for coursework, homework, and studying for tests, this comprehensive guide covers Next Generation Science Standards, for grades 6-10 and will have you ready for tests and exams in no time. Each topic is fully illustrated to support the information, make the facts crystal clear, and bring the science to life. A large central image explains the idea visually and each topic is summed up on a single page, helping children to quickly get up to speed and really understand how chemistry works. Information boxes explain the theory with the help of simple graphics and for further studying, a handy "Key Facts" box provides a simple summary you can check back on later. With clear, concise coverage of all the core topics, SuperSimple Chemistry is the perfect accessible guide to chemistry for children, supporting classwork, and making studying for exams the easiest it's ever been.

Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Some printings include access code card, "Mastering Chemistry."

Parise and Loudon's Study Guide and Solutions Manual offers the following learning aids: \* Links that provide hints for study, approaches to problem solving, and additional explanations of challenging topics; \* Further Explorations that provide additional depth on key topics; \* Reaction summaries that delve into key mechanisms and stereochemistry; \* Solutions to all the textbook problems. Rather than providing just the answer, many of the solutions provide detailed explanations of how the problem should be approached.

Chemistry? No problem! This Big Fat Notebook covers everything you need to know during a year of high school chemistry class, breaking down one big bad subject into accessible units. Learn to study better and get better grades using mnemonic devices, definitions, diagrams, educational doodles, and quizzes to recap it all. Including: Atoms, elements, compounds and mixtures The periodic table Quantum theory Bonding The mole Chemical reactions and calculations Gas laws Solubility pH scale Titrations Le Chatelier's principle ...and much more!

Organic chemistry is not merely a compilation of principles, but rather, it is a disciplined method of thought and analysis. Success in organic chemistry requires mastery in two core aspects: fundamental concepts and the skills needed to apply those concepts and solve problems. Readers must learn to become proficient at approaching new situations methodically, based on a repertoire of skills. These skills are vital for successful problem solving in organic chemistry. Existing textbooks provide extensive coverage of, the principles, but there is far less emphasis on the skills needed to actually solve problems.

Test Prep Books' ACS General Chemistry Study Guide: Test Prep and Practice Test Questions for the American Chemical Society General Chemistry Exam [Includes Detailed Answer Explanations] Made by Test Prep Books experts for test takers trying to achieve a great score on the ACS General Chemistry exam. This comprehensive study guide includes: Quick Overview Find out what's inside this guide! Test-Taking Strategies Learn the best tips to help overcome your exam! Introduction Get a thorough breakdown of what the test is and what's on it! Atomic Structure Electronic Structure Formula Calculations and the Mole Stoichiometry Solutions and Aqueous Reactions Heat and Enthalpy Structure and Bonding States of Matter Kinetics Equilibrium Acids and Bases Solubility Equilibria Electrochemistry Nuclear Chemistry Practice Questions Practice makes perfect! Detailed Answer Explanations Figure out where you went wrong and how to improve! Studying can be hard. We get it. That's why we created this guide with these great features and benefits: Comprehensive Review: Each section of the test has a comprehensive review created by Test Prep Books that goes into detail to cover all of the content likely to appear on the test. Practice Test Questions: We want to give you the best practice you can find. That's why the Test Prep Books practice questions are as close as you can get to the actual ACS General Chemistry test. Answer Explanations: Every single problem is followed by an answer explanation. We know it's frustrating to miss a question and not understand why. The answer explanations will help you learn from your mistakes. That way, you can avoid missing it again in the future. Test-Taking Strategies: A test taker has to understand the material that is being covered and be familiar with the latest test taking strategies. These strategies are necessary to properly use the time provided. They also help test takers complete the test without making any errors. Test Prep Books has provided the top test-taking tips. Customer Service: We love taking care of our test takers. We make sure that you interact with a real human being when you email your comments or concerns. Anyone planning to take this exam should take advantage of this Test Prep Books study guide. Purchase it today to receive access to: ACS General Chemistry review materials ACS General Chemistry exam Test-taking strategies

A Self-Study Guide to the Principles of Organic Chemistry: Key Concepts, Reaction Mechanisms, and Practice Questions for the Beginner will help students new to organic chemistry grasp the key concepts of the subject quickly and easily, as well as build a strong foundation for future study. Starting with the definition of "atom," the author explains molecules, electronic configuration, bonding, hydrocarbons, polar reaction mechanisms, stereochemistry, reaction varieties, organic spectroscopy, aromaticity and aromatic reactions, biomolecules, organic polymers, and a synthetic approach to organic compounds. The over one hundred diagrams and charts contained in this volume will help students visualize the structures and bonds as they read the text, and make the logic of organic chemistry clear and easily understood. Each chapter ends with a list of frequently-asked questions and answers, followed by additional practice problems. Answers are included in the Appendix.

Barron's Science 360: Chemistry is your complete go-to guide for everything chemistry This comprehensive guide is an essential resource for: High school and college courses Homeschooling Virtual Learning Learning pods Inside you'll find: Comprehensive Content Review: Begin your study with the basic building block of chemistry and build as you go. Topics include, atomic structure, chemical formulas, electrochemistry, the basics of organic chemistry, and much more. Effective Organization: Topic organization and simple lesson formats break down the subject matter into manageable learning modules that help guide a successful study plan customized to your needs. Clear Examples and Illustrations: Easy-to-follow explanations, hundreds of helpful illustrations, and numerous step-by-step examples make this book ideal for self-study and rapid learning. Practice Exercises: Each chapter ends with practice exercises designed to reinforce and extend key skills and concepts. These checkup exercises, along with the answers and solutions, will help you assess your understanding and monitor your progress. Access to Online Practice: Take your learning online for 50 practice questions designed to test your knowledge with automated scoring to show you how far you have come.

For students, DIY hobbyists, and science buffs, who can no longer get real chemistry sets, this one-of-a-kind guide explains how to set up and use a home chemistry lab, with step-by-step instructions for conducting experiments in basic chemistry -- not just to make pretty colors and stinky smells, but to learn how to do real lab work: Purify alcohol by distillation Produce hydrogen and oxygen gas by electrolysis Smelt metallic copper from copper ore you make yourself Analyze the makeup of seawater, bone, and other common substances Synthesize oil of wintergreen from aspirin and rayon fiber from paper Perform forensics tests for fingerprints, blood, drugs, and poisons and much more From the 1930s through the 1970s, chemistry sets were among the most popular Christmas gifts, selling in the millions. But two decades ago, real chemistry sets began to disappear as manufacturers and retailers became concerned about liability. The Illustrated Guide to Home Chemistry Experiments steps up to the plate with lessons on how to equip your home chemistry lab, master laboratory skills, and work safely in your lab. The bulk of this book consists of 17 hands-on chapters that include multiple laboratory sessions on the following topics: Separating Mixtures Solubility and Solutions Colligative Properties of Solutions Introduction to Chemical Reactions & Stoichiometry Reduction-Oxidation (Redox) Reactions Acid-Base Chemistry Chemical Kinetics Chemical Equilibrium and Le Chatelier's Principle Gas Chemistry Thermochemistry and Calorimetry Electrochemistry Photochemistry Colloids and Suspensions Qualitative Analysis Quantitative Analysis Synthesis of Useful Compounds Forensic Chemistry With plenty of full-color illustrations and photos, Illustrated Guide to Home Chemistry Experiments offers introductory level sessions suitable for a middle school or first-year high school chemistry laboratory course, and more advanced sessions suitable for students who intend to take the College Board Advanced Placement (AP) Chemistry exam. A student who completes all of the laboratories in this book will have done the equivalent of two full years of high school chemistry lab work or a first-year college general chemistry laboratory course. This hands-on introduction to real chemistry -- using real equipment, real chemicals, and real quantitative experiments -- is ideal for the many thousands of young people and adults who want to experience the magic of chemistry.

A clear and concise review of the structure of organic molecules and their reactivity. -- Publisher description.

A fantastic aid for coursework, homework, and test revision, this is the ultimate study guide to biology. From reproduction to respiration and from enzymes to ecosystems, every topic is fully illustrated to

support the information, make the facts clear, and bring biology to life. For key ideas, "How it works" and "Look closer" boxes explain the theory with the help of simple graphics. And for revision, a handy "Key facts" box provides a summary you can check back on later. With clear, concise coverage of all the core biology topics, SuperSimple Biology is the perfect accessible guide for students, supporting classwork, and making studying for exams the easiest it's ever been.

Chemistry For Dummies, 2nd Edition (9781119293460) was previously published as Chemistry For Dummies, 2nd Edition (9781118007303). While this version features a new Dummies cover and design, the content is the same as the prior release and should not be considered a new or updated product. See how chemistry works in everything from soaps to medicines to petroleum We're all natural born chemists. Every time we cook, clean, take a shower, drive a car, use a solvent (such as nail polish remover), or perform any of the countless everyday activities that involve complex chemical reactions we're doing chemistry! So why do so many of us desperately resist learning chemistry when we're young? Now there's a fun, easy way to learn basic chemistry. Whether you're studying chemistry in school and you're looking for a little help making sense of what's being taught in class, or you're just into learning new things, Chemistry For Dummies gets you rolling with all the basics of matter and energy, atoms and molecules, acids and bases, and much more! Tracks a typical chemistry course, giving you step-by-step lessons you can easily grasp Packed with basic chemistry principles and time-saving tips from chemistry professors Real-world examples provide everyday context for complicated topics Full of modern, relevant examples and updated to mirror current teaching methods and classroom protocols, Chemistry For Dummies puts you on the fast-track to mastering the basics of chemistry.

Looking for sample exams, practice questions, and test-taking strategies? Check out our extended, in-depth AP chem prep guide, Cracking the AP Chemistry Exam! LIKE CLASS NOTES—ONLY BETTER. The Princeton Review's ASAP Chemistry is designed to help you zero in on just the information you need to know to successfully grapple with the AP test. No questions, no drills: just review. Advanced Placement exams require students to have a firm grasp of content—you can't bluff or even logic your way to a 5. Like a set of class notes borrowed from the smartest student in your grade, this book gives you exactly that. No tricks or crazy stratagems, no sample essays or practice sets: Just the facts, presented with lots of helpful visuals. Inside ASAP Chemistry, you'll find: • Essential concepts, terms, and functions for AP Chem—all explained clearly & concisely • Diagrams, charts, and graphs for quick visual reference • A three-pass icon system designed to help you prioritize learning what you MUST, SHOULD, and COULD know in the time you have available • "Ask Yourself" questions to help identify areas where you might need extra attention • A resource that's perfect for last-minute exam prep and for daily class work Topics covered in ASAP Chemistry include: • Atomic structure • Covalent bonding & intermolecular forces • Thermochemistry • Acids & bases ... and more!

Work more effectively and gauge your progress as you go along! This Study Guide is designed to accompany Brady & Senese's Chemistry: Matter & Its Changes, 4th Edition. It contains learning objectives, chapter reviews, examples, and self-test questions. Brady & Senese's Chemistry: Matter & Its Changes, 4th Edition, is a reader-friendly textbook that makes the content accessible without sacrificing either breadth or depth of coverage. The text's informal writing style, emphasis on problem solving, and state-of-the-art media package make this book an ideal fit for readers of various backgrounds and abilities. The 4th edition welcomes new co-author Fred Senese, the architect of the most visited general chemistry website. Together Jim Brady and Fred Senese offer accurate, lucid, and interesting explanations of the basic concepts of chemistry, as well as comprehensive coverage and aid to readers in developing problem solving skills.

\*\*\*IF YOU WANT TO UPDATE THE INFORMATION ON YOUR TITLE SHEET, THEN YOU MUST UPDATE COPY IN THE "PRODUCT INFORMATION COPY" FIELD. COPY IN THE "TIPSHEET COPY" FIELD DOES NOT APPEAR ON TITLE SHEETS.\*\*\* Easy Step-by-Step, the quickest route to learning a subject through a solid grounding in the basics About the Book What you won't find in Easy Chemistry Step-by-Step is a lot of endless drills. Instead, you get a clear explanation that breaks down complex concepts into easy-to-understand steps, followed by highly focused exercises that are linked to core skills--enabling learners to grasp when and how to apply those techniques. Key Selling Features Large step-by-step charts breaking down each step within a process and showing clear connections between topics and annotations to clarify difficulties Stay-in-step panels show how to cope with variations to the core steps Step-it-up exercises link practice to the core steps already presented Missteps and stumbles highlight common errors to avoid Successful series format in foreign languages (130,000 copies sold)--now extended to popular study categories: math, science, English grammar Strong graphic elements emphasize step-by-step processes and connections between topics Clear explanations and annotations explain complex concepts in everyday language Market/Audience For beginners who need help with grasping the core concepts of chemistry, and for more advanced learners who want to review or firm up the basics. About the Author Marian DeWane (Boise, ID)

This is an ebook version of the "Advanced Study Guide - Chemistry - Ed 1.0" published by Step-by-Step International Pte Ltd. [ For the Higher 2 (H2) syllabus with last exam in 2016.] This ebook gives concise illustrated notes and worked examples. It is organised largely accordingly to the Singapore-Cambridge GCE A-Level Higher 2 (H2) syllabus, with additional topics to cover the equivalent syllabuses of the University of Cambridge International Examination (CIE) A Level (Core & A2), and the International Baccalaureate (IB) Higher Level (Core & AHL). The concise notes cover essential steps to understand the relevant theories. The illustrations and worked examples show essential workings to apply those theories. We believe the notes and illustrations will help readers learn to "learn" and apply the relevant knowledge. The ebook should help readers study and prepare for their exams. Relevant feedbacks from Examiner Reports, reflecting what the examiners expected, are incorporated into the notes and illustrations where possible, or appended as notes (NB) where appropriate. It is also a suitable aid for teaching and revision. Sample pages are available (in .pdf) from our website.

Organic Chemistry Study Guide: Key Concepts, Problems, and Solutions features hundreds of problems from the companion book, Organic Chemistry, and includes solutions for every problem. Key concept summaries reinforce critical material from the primary book and enhance mastery of this complex subject. Organic chemistry is a constantly evolving field that has great relevance for all scientists, not just chemists. For chemical engineers, understanding the properties of organic molecules and how reactions occur is critically important to understanding the processes in an industrial plant. For biologists and health professionals, it is essential because nearly all of biochemistry springs from organic chemistry. Additionally, all scientists can benefit from improved critical thinking and problem-solving skills that are developed from the study of organic chemistry. Organic chemistry, like any "skill", is best learned by doing. It is difficult to learn by rote memorization, and true understanding comes only from concentrated reading, and working as many problems as possible. In fact, problem sets are the best way to ensure that concepts are not only well understood, but can also be applied to real-world problems in the work place. Helps readers learn to categorize, analyze, and solve organic chemistry problems at all levels of difficulty Hundreds of fully-worked practice problems, all with solutions Key concept summaries for every chapter reinforces core content from the companion book

When wealthy Brittany Ellis and Alex Fuentes, a gang member from the other side of town, develop a relationship after Alex discovers that Brittany is not exactly who she seems to be, they must face the disapproval of others.

Chemistry Essentials For Dummies (9781119591146) was previously published as Chemistry Essentials For Dummies (9780470618363). While this version features a new Dummies cover and design, the content is the same as the prior release and should not be considered a new or updated product. Whether studying chemistry as part of a degree requirement or as part of a core curriculum, students will find Chemistry Essentials For Dummies to be an invaluable quick reference guide to the fundamentals of this often challenging course. Chemistry Essentials For Dummies contains content focused on key topics

only, with discrete explanations of critical concepts taught in a typical two-semester high school chemistry class or a college level Chemistry I course, from bonds and reactions to acids, bases, and the mole. This guide is also a perfect reference for parents who need to review critical chemistry concepts as they help high school students with homework assignments, as well as for adult learners headed back into the classroom who just need to a refresher of the core concepts. The Essentials For Dummies Series Dummies is proud to present our new series, The Essentials For Dummies. Now students who are prepping for exams, preparing to study new material, or who just need a refresher can have a concise, easy-to-understand review guide that covers an entire course by concentrating solely on the most important concepts. From algebra and chemistry to grammar and Spanish, our expert authors focus on the skills students most need to succeed in a subject.

by Karen Timberlake. This workbook guides students through basic skills, mathematical review, and successful problem-solving techniques. Practice tests and solutions to selected text problems also are included.

Understand the rules that make the universe run. Understanding the laws of physics is essential for all scientific studies, but many students are intimidated by their complexities. This completely revised and updated book makes it easy to understand the most important principles. From the physics of the everyday world to the theory of relativity, PHYSICS MADE SIMPLE covers it all. Each chapter is introduced by anecdotes that directly apply the concepts to contemporary life and ends with practice problems—with complete solutions—to reinforce the concepts. Humorous illustrations and stories complete the text, making it not only easy but fun to learn this important science. Topics covered include: \*force \*motion \*energy \*waves \*electricity and magnetism \*the atom \*quantum physics \*relativity \*spectroscopy \*particle physics Look for these Made Simple titles Accounting Made Simple Arithmetic Made Simple Astronomy Made Simple Biology Made Simple Bookkeeping Made Simple Business Letters Made Simple Chemistry Made Simple English Made Simple Earth Science Made Simple French Made Simple German Made Simple Ingles Hecho Facil Investing Made Simple Italian Made Simple Keyboarding Made Simple Latin Made Simple Learning English Made Simple Mathematics Made Simple The Perfect Business Plan Made Simple Philosophy Made Simple Psychology Made Simple Sign Language Made Simple Spelling Made Simple Statistics Made Simple Your Small Business Made Simple [www.broadwaybooks.com](http://www.broadwaybooks.com)

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. A UNIQUE NEW APPROACH THAT'S LIKE A LIGHTNING BOLT TO THE BRAIN You know that moment when you feel as though a lightning bolt has hit you because you finally get something? That's how this book will make you react. (We hope!) Each chapter makes sure that what you really need to know is clear right off the bat and sees to it that you build on this knowledge. Where other books ask you to memorize stuff, we're going to show you the must know ideas that will guide you toward success in chemistry. You will start each chapter learning what the must know ideas behind a chemistry subject are, and these concepts will help you solve the chemistry problems that you find in your classwork and on exams. Dive into this book and find: • 250+ practice questions that mirror what you will find in your classwork and on exams• A bonus app with 100+ flashcards that will reinforce what you've learned• Extensive examples that drive home essential concepts• An easy-access setup that allows you to jump in and out of subjects• Chemistry topics aligned to national and state education standards• Special help for more challenging chemistry subjects, including the mole concept, stoichiometry, and solutions We're confident that the must know ideas in this book will have you up and solving chemistry problems in no time—or at least in a reasonable amount of time!

THE QUICK AND PAINLESS WAY TO TEACH YOURSELF BASIC CHEMISTRY CONCEPTS AND TERMS Chemistry: A Self-Teaching Guide is the easy way to gain a solid understanding of the essential science of chemistry. Assuming no background knowledge of the subject, this clear and accessible guide covers the central concepts and key definitions of this fundamental science, from the basic structure of the atom to chemical equations. An innovative self-guided approach enables you to move through the material at your own pace—gradually building upon your knowledge while you strengthen your critical thinking and problem-solving skills. This edition features new and revised content throughout, including a new chapter on organic chemistry, designed to dramatically increase how fast you learn and how much you retain. This powerful learning resource features: An interactive, step-by-step method proven to increase your understanding of the fundamental concepts of chemistry Learning objectives, practice questions, study problems, and a self-review test in every chapter to reinforce your learning An emphasis on practical concepts and clear explanations to ensure that you comprehend the material quickly Engaging end-of-chapter stories connecting the material to a relevant topic in chemistry to bring important concepts to life Concise, student-friendly chapters describing major chemistry concepts and terms, including the periodic table, atomic weights, chemical bonding, solutions, gases, solids, and liquids Chemistry: A Self-Teaching Guide is an ideal resource for high school or college students taking introductory chemistry courses, for students taking higher level courses needing to refresh their knowledge, and for those preparing for standardized chemistry and medical career admission tests.

Includes all the core curriculum topics, this physics ebook for kids 12+ is the perfect support for home and school learning. Breaking down the information into easy, manageable chunks, Super Simple Physics covers everything from atoms to astronomy and forces to flotation. Each topic is fully illustrated, to support the information, make the facts crystal clear, and bring the science to life. For key ideas, a "How it works" panel explains the theory with the help of bright, simple graphics. And for revision, a handy "Key facts" box provides a simple summary you can check back on later. With clear, concise coverage of all the core physics topics, Super Simple Physics is the perfect accessible e-guide to science for children, will support classwork, and make studying for exams the easiest it's ever been.

Explains the fundamentals of chemistry in a comprehensive, easy-to-use text designed for self-study and review, with all mathematical problems worked out in detail

Take the confusion out of chemistry with hundreds of practice problems Chemistry Workbook For Dummies is your ultimate companion for introductory chemistry at the high school or college level. Packed with hundreds of practice problems, this workbook gives you the practice you need to internalize the essential concepts that form the foundations of chemistry. From matter and molecules to moles and measurements, these problems cover the full spectrum of topics you'll see in class—and each section includes key concept review and full explanations for every problem to quickly get you on the right track. This new third edition includes access to an online test bank, where you'll find bonus chapter quizzes to help you test your understanding and pinpoint areas in need of review. Whether you're preparing for an exam or seeking a start-to-finish study aid, this workbook is your ticket to acing basic chemistry. Chemistry problems can look intimidating; it's a whole new language, with different rules, new symbols, and complex concepts. The good news is that practice makes perfect, and this book provides plenty of it—with easy-to-understand coaching every step of the way. Delve deep into the parts of the periodic table Get comfortable with units, scientific notation, and chemical equations Work with states, phases, energy, and charges Master nomenclature, acids, bases, titrations, redox reactions, and more Understanding introductory chemistry is critical for your success in all science classes to follow; keeping up with the material now makes life much easier down the education road. Chemistry Workbook For Dummies gives you the practice you need to succeed!

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