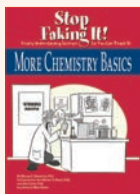


CHEMISTRY

RESOURCES



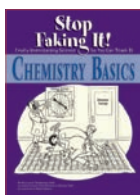
MORE CHEMISTRY BASICS: Stop Faking It!

William Robertson • 9781760019815

Following on from Chemistry Basics, More Chemistry Basics introduces additional chemistry concepts, such as special reactions and half-lives, and expands on many previously discussed ideas, including electron energy levels and why we can't know exactly what electrons are doing and where they are. Robertson explains science basics using easy-to-follow activities that help teachers learn

the fundamentals and more. More Chemistry Basics will prove invaluable for teachers, parents, and home-school providers who want to feel greater confidence in the content they teach.

NST9815 • \$29.95



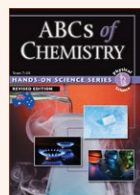
CHEMISTRY BASICS: Stop Faking It!

William Robertson • 9781760019877

Best-selling author Bill Robertson takes a fresh approach to chemistry fundamentals by helping you understand them from the ground up. So instead of hounding you to memorise the characteristics of atoms and the periodic table, this book helps you to see those characteristics as a natural consequence of our understanding of atomic structure. Too many teachers, parents and home-schoolers are face with

helping other people understand science that they don't really understand themselves. With accurate explanations spiced up with Robertson's irresistible irreverence Chemistry Basics will help you grasp chemistry at a level deep enough to teach it to others with confidence and comfort.

NST9877 • \$29.95



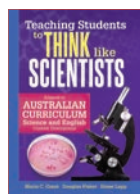
ABCs OF CHEMISTRY: Hands-on Science Series

Michael Margolin • 9781742398556

In this book you will teach your students about the important physical science concepts surrounding chemistry: types of matter, separating parts of a mixture and chemical reactions. Students will conduct experiments to investigate the results of different chemical reactions. Containing seventeen lessons, each includes teacher notes, material and vocabulary lists and assessments.

Experiments include How Can We Separate the Parts of a Mixture?, Are There Indicators in Nature? and Gases of Burning. This book can be used as a complete introductory program, a science unit or as a fun enrichment experience for students.

WAL8556 • \$29.95



TEACHING STUDENTS TO THINK LIKE SCIENTISTS

Michael Margolin • 9781600011239

The scientific curiosity of students is never stronger than in primary school, and teachers should always seek to nurture and encourage these questioning behaviours, rather than quash them. With Teaching Student to Think Like Scientists teachers will be fully prepared to enhance their science and literacy instruction, as well as address

the new Australian Curriculum: Science and English content descriptions. Teaching Students to Think Like Scientists prepares students to examine decisions and ideas through scientific investigation and argumentation.

SOT1239 • \$32.95



REAL LIFE SCIENCE: Chemistry

Brian Pressley • 9781742398754

In this book each activity has a teacher page that outlines the goal, context and answers, and provides extension activity options. Student pages consist of information about the topic being explored, and comprehension questions to gauge student understanding. Exercises include: What is Fire Made Of?; How Does Antiperspirant Stop Me from Sweating?; Where Do Artificial Flavours Come From?;

How Is Something Decaffeinated?; and Why Is There an Expiration Date on Bottled Water?

WAL8754 • \$25.95



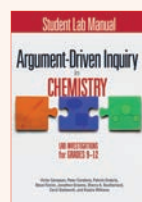
TAKE-HOME CHEMISTRY

Michael Horton • 9781760014797

Author Michael Horton promises that students who conduct the labs in Take-Home Chemistry as supplements to classroom instruction will enhance higher-level thinking, improve process skills and raise high-stakes test scores. Many of the exercises involve skills such as measuring, graphing, calculating and extrapolating graphs, and cover

topics such as moles, chromatography, chemical reactions and titration. Each lab includes both a student page and a teacher page and provides an objective, a purpose, a materials list, notes and post-lab questions, making Take-Home Chemistry a useful tool for improving how students learn chemistry.

NST4797 • \$45.95



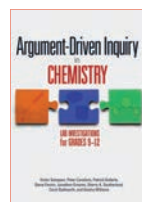
STUDENT LAB MANUAL FOR ARGUMENT-DRIVEN INQUIRY IN CHEMISTRY, 9-12

Williams, Stallworth, Southerland, Grooms, Fannin, Enderle, Carafano, Sampson • 9781760010508

This is a one-stop source of expertise, advice and investigations, with the information and materials you need to start using this method right away. The book includes 30 field-tested labs that cover a broad range of topics related to chemical reactions and matter's structure and

properties. The investigations are designed to be more authentic scientific experiences than traditional laboratory activities. They give your students an opportunity to design their own methods, develop models, collect and analyse data, generate arguments, and critique claims and evidence.

NST0508 • \$49.95

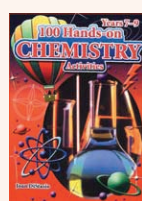


ARGUMENT-DRIVEN INQUIRY IN CHEMISTRY: Lab Investigations for 9-12

Williams, Stallworth, Southerland, Grooms, Fannin, Enderle, Carafano, Sampson • 9781742398556

Argument-Driven Inquiry in Chemistry will provide you with the information and instructional materials you need to start using argument-driven inquiry for your secondary school lab instruction. This book is a one-stop source of expertise, advice and investigations to help chemistry students work the way scientists do. Because the authors are veteran teachers, they designed Argument-Driven Inquiry in Chemistry to be easy to use and aligned with today's standards. The investigations will help your students learn the core ideas, crosscutting concepts, and science and engineering practices found in the Next Generation Science Standards.

NST9082 • \$69.95

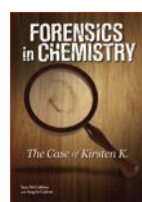


100 HANDS-ON ACTIVITIES: Chemistry Yrs 7-9

Irwin Slesnick • 9781740257213

A must for any teacher with a "can do" approach to teaching Chemistry. The book includes pages of problems and puzzles on the mole, balancing equations, gas laws, stoichiometry, the periodic table and more. The lessons can be tailored to any level.

IFA8766 • \$35.95



FORENSICS IN CHEMISTRY

Angela Codron, Sara McCubbins • 9781760015947

How did Kirsten's body wind up at the bottom of a lake - and what do wedding cake ingredients, soil samples, radioactive decay, bone age, blood stains, bullet matching and drug lab evidence reveal about whodunit? These mysteries are the core of this teacher resource book, which meets the unique needs of secondary school chemistry classes in a highly memorable way. The book makes

forensic evidence the foundation of a series of hands-on, weeklong labs, and provides vivid lessons in why chemistry concepts are relevant and how they connect.

NST5947 • \$39.95



+61 3 8558 2444



+61 3 8558 2400

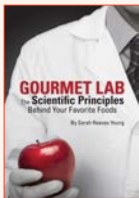


www.hbe.com.au



orders@hbe.com.au



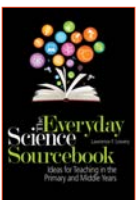


GOURMET LAB

Sarah Reeves Young • 9781760015930

This collection of 15 hands-on experiments challenges students to take on the role of both scientists and chef, as they boil, bake and toast their way to a better understanding of science concepts from chemistry, biology and physics. By cooking items such as pancakes and butterscotch, students have the opportunity to learn about physical changes in states of matter, acids and bases, biochemistry and molecular structure. The teacher pages include standards addressed in each lab, a vocabulary list, safety protocols, materials required, procedures, data analysis, student questions answer key, and conclusions and connections to spur class discussion.

NST5930 • \$55.95

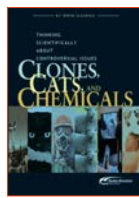


THE EVERYDAY SCIENCE SOURCEBOOK, REVISED 2ND EDITION

Lawrence Lowery • 9781760010980

Think of this unique reference book as Inspiration Central for primary and middle years science teachers. Fully updated with content selected to build on achievement standards, this new edition is full of hundreds of entries that can spark your thinking the next time you need to fill a gap in your curriculum, add a fresh element to your textbook lessons, or extend and enrich hands-on activities. The Everyday Science Sourcebook is structured like an easy-to-use thesaurus. Just look up a topic in the Index Guide, note the reference number and then use that number to find a wealth of related activities in the entry section. The Everyday Science Sourcebook deserves a prominent spot in your bookshelf. Refer to it daily as a springboard for ideas that make science memorable.

NST0980 • \$48.95



CLONES, CATS, AND CHEMICALS

Irwin Slesnick • 9781760010812

If you want students to think - really think - about the science behind some of today's toughest controversies, this book will give you both the facts and the framework to provoke fascinating discussions. Clones, Cats, and Chemicals challenges students to confront scientific and social problems that offer few black-and-white choices. They're presented as 10 dilemmas from the fields of biology, chemistry, physics, Earth science, technology and mathematics. Each question is presented as a two-part unit: concise scientific background and possible alternative resolutions for the teacher and a reproducible essay, questions and activities to guide students in debating and decision making.

NST0812 • \$9.95



SCIENCE FAIR WARM-UP: Years 7-10

John Haysom • 9781760011161

Even if you don't have a science fair or science project season in your future, the material in Science Fair Warm-Up: Learning the Practice of Scientists, Years 7-10 can make your students more proficient with scientific research. This revised Australian edition of strongly correlates with two of the three strands - Science as a Human Endeavour and Science Inquiry Skills - of the Australian Curriculum: Science, featuring comprehensive practice in making predictions, conducting experiments and reporting results in every activity. Students will also find problems that are much more cognitively demanding. In addition to offering original investigations, the book provides problem-solving exercises to help students develop the inquiry skills to carry their projects through.

NST1161 • \$15.95

PRICE LIST

16-157-11

QTY	CODE	TITLE	PRICE
	IFA8766	100 Hands-on Activities: Chemistry Years 7-9	\$35.95
	NST9082	Argument-Driven Inquiry in Chemistry: Lab Investigations for Grades 9-12	\$69.95
	NST9877	Chemistry Basics: Stop Faking It! Finally Understanding Science So You Can Teach it	\$29.95
	NST0812	Clones, Cats, and Chemicals: Thinking Scientifically About Controversial Issues	\$9.95
	NST5947	Forensics in Chemistry: The Case of Kirsten K.	\$39.95
	NST5930	Gourmet Lab: The Scientific Principles Behind Your Favorite Foods	\$55.95
	WAL8556	Hands-on Science Series: ABCs of Chemistry	\$29.95
	NST9815	More Chemistry Basics: Stop Faking It! Finally Understanding Science So You Can Teach It	\$29.95
	WAL8754	Real Life Science: Chemistry	\$25.95
	NST1161	Science Fair Warm-Up: Learning the Practice of Scientists, Years 7-10	\$15.95
	NST0508	Student Lab Manual for Argument-Driven Inquiry in Chemistry: Lab Investigations for Grades 9-12	\$49.95
	NST4797	Take-Home Chemistry: 50 Low-Cost Activities to Extend Classroom Learning	\$45.95
	SOT1239	Teaching Students to Think Like Scientists	\$32.95
	NST0980	The Everyday Science Sourcebook, Revised 2nd Edition: Ideas for Teaching in the Primary and Middle Years	\$48.95
TOTAL (plus freight) \$			

Attention Order Number.....

Name of School.....

Address

..... State P/Code.....

Country

Email:.....

Yes I would like to receive email communications about products and offerings from Hawker Brownlow Education. I understand that I can unsubscribe at any time.

INVOICE

Please invoice school/institution (official purchase order must be supplied)

Purchase order number: _____

CREDIT CARD

School/organisation credit card Personal credit card

Visa Mastercard Amex (4% surcharge)

Card number:

--	--	--	--	--	--	--	--	--	--

Amount: \$ _____ Expiry date: _____ CVV: _____

Signature: _____

CHEQUE

Cheque - Make cheque payable to Hawker Brownlow Education

TERMS OF TRADE

- Prices are quoted in Australian dollars (\$AUD) and include GST
- All prices are subject to change without notice.
- For New Zealand customers, at the time of invoice, we will convert the amount into New Zealand dollars (\$NZD) so that you can pay by cheque or credit card in New Zealand dollars (\$NZD).
- Full money-back guarantee.
- We do realise it is difficult to order sight unseen. To assist you in your selection, please visit our website <www.hbe.com.au>. Go to 'Browse Books' and most titles will give you the option to view the first few pages of the book. Click 'View Contents' on your selected book page.
- We will supply our books on approval, and if they do not suit your requirements we will accept undamaged returns for full credit or refund. Posters are for firm sale only and will not be sent on approval. Please be aware that delivery and return postage is the responsibility of the customer.
- Freight costs are determined at Australia Post rates, with a minimum delivery charge of \$9.50 within Australia and \$15.00 for New Zealand for each order.
- Please provide your street address for delivery purposes.

ONLINE 'ON ACCOUNT' ORDERING NOW AVAILABLE!

If you have a pre-existing account with Hawker Brownlow Education, you can now order online and pay using that account.



P.O. Box 580, Moorabbin, Victoria 3189, Australia

Phone: 03 8558 2444 | Fax: 03 8558 2400

Website: www.hbe.com.au | Email: orders@hbe.com.au | ABN: 77 093 854 892



+61 3 8558 2444



+61 3 8558 2400



www.hbe.com.au



orders@hbe.com.au

