



Oxford

big ideas

Science 3

the big ideas story

Oxford Big Ideas Science 3 completes this innovative and highly successful suite of science teaching and learning resources. Written to foster deep, transferable and meaningful understandings, *Oxford Big Ideas Science* places science's biggest ideas – matter, systems and energy – at the centre of student learning. Sustainability and emerging technologies are included in this Year 9 and 10 student text to provide a futures focus. *Oxford Big Ideas Science* brings the aims of the National Science Curriculum to your classroom today.

Key features of *Oxford Big Ideas Science 3* include:

- Explicit links to VCE biology, chemistry, physics, environmental science and psychology
- Content innovation: nanotechnology, synchrotron science, climate change, water on Mars
- Meaningful thinking tasks and scientific literacy
- Stunning photography and medical artwork
- A flexible two-year student textbook



9780195567151 • \$54.95



9780195563115 • \$54.95



9780195564532 • \$69.95
Available NOW

Oxford

big ideas

Science 3

Authors

Kristin Alford
Erin Bruns
Craig Cleeland
Emma Craven
Gillian Coyle
Anita Giddings
Rosemary Koina
Karen Marangio
Helen Silvester
Lynda Schulz
Angela Stubbs
Craig Tilley

Oxford Big Ideas Science helps students to...

- truly **understand**
- make meaningful **connections**
- **transfer** knowledge to new contexts



Contents

Oxford Big Ideas Science 3 is a VELS Level 6, two-year textbook that supports a flexible approach to pre-VCE science

MATTER

1. Consumer science: How do scientists test manufacturers' claims?
2. It's all elemental: What are the elements of matter?
3. A property matter: What are the properties of matter?
4. Chemical reactions: What happens when atoms are rearranged?
5. Molecules of life: What are the molecules of life?

SYSTEMS

6. Genetics: How significant is your genetic make-up in determining who you are?
7. Evolution and natural selection: Why is there such a variety of living things on Earth?
8. Coordination and regulation: What are the internal communication systems of living things?
9. Medical science: How will science keep me healthy?
10. Psychology: Why do humans think, feel and behave the way we do?

ENERGY

11. Energy in ecosystems: How is energy made available to living organisms?
12. Electromagnetism and electronics: How do electronic gadgets work?
13. Light energy: What is light energy?
14. Force, mass and movement: How and why do things move?
15. Origin and evolution of the Universe: Where do we come from?

OUR FUTURE

16. Sustainability: How can we make a difference?
17. Emerging technologies: How will emerging technologies impact on our future?

Teacher support

Oxford Big Ideas Science 1, 2 and 3 are supported by comprehensive, FREE teaching and learning materials:

Student ebook on CD with every textbook

- interactive ebook
- live question blocks
- advanced search and zoom functions

oxfordbigideas.com

FREE access for user schools

- worksheets
- answers
- rubrics
- tests
- IWB modules

Order Form

Please fax to Oxford University Press, Australia
FREEFAX: 1800 813 602

Contact: _____ Position: _____

Dept: _____ School: _____

Address: _____

City: _____ State: _____ Postcode: _____

Phone: _____ Fax: _____

Email: _____

TITLE	ISBN	AVAILABLE	RRP†	ICR*	FIRM ORDER QTY	TOTAL
Big Ideas Science 1	9780195567151	NOW	\$54.95			A\$
Big Ideas Science 2	9780195563115	NOW	\$54.95			
Big Ideas Science 3	9780195564532	NOW	\$69.95			

† These recommended retail prices include GST and are correct at the time of printing and are subject to change without notice.

* ICR = Inspection Copy Request (please tick if required). Please note, inspection copies are supplied with a tax invoice and are payable after 30 days. If the books do not meet your requirements, please return the book(s) in mint condition within 30 days, with a copy of the Tax Inspection invoice. Return of Inspection Copies is at your school's expense. If you purchase 12 or more copies of any title on the Inspection Copy Tax Invoice, you are entitled to keep the Inspection Copy of that title for free.

In order to organise your free copy, please contact Customer Service with proof of purchase.

** Handling & Freight is not charged for inspection copies

SUBTOTAL	A\$
HANDLING & FREIGHT**	A\$12.50
AMOUNT PAYABLE	A\$

School Order Number (if required for Inspection copy/Firm orders): # _____

I enclose my cheque for \$ _____ (payable to Oxford University Press) **OR**

Please charge \$ _____ to my credit card: Visa Mastercard

Expiry Date: ____ / ____ / ____ Signature: _____

CONTACT YOUR OXFORD REPRESENTATIVE

Katrina Tucker

Secondary Representative
SE Metro and SE Country Vic & SA
Mobile: 0403 043 584
Email: katrina.tucker@oup.com

Kerry Thomas

Secondary Representative
NW Metro & NW Country Vic & Tas
Mobile: 0411 759 611
Email: kerry.thomas@oup.com

Narelle Macdonald

National Sales Manager
Australia & New Zealand
Mobile: 0413 495 965
Email: narelle.macdonald@oup.com

CUSTOMER SERVICE

Phone: 1300 650 616
Fax: 1800 813 602
Email: cs.au@oup.com
Web: oup.com.au

Oxford University Press
GPO Box 2784
MELBOURNE VIC 3001

ARBN: 007 510 125
ABN: 29 869 163 236