

Contributing WA Authors

We are delighted to welcome three contributing authors from Western Australia onto the ScienceWorld author team:

Hannah Fay, Santa Maria College

Hannah Fay has been teaching in Western Australia for nearly a decade, and is currently a Chemistry and Science Teacher at Santa Maria College. She has worked with the School Curriculum and Standards Authority for a number of years to assist in development of the K-10 Grade Descriptors, and the ATAR and General Chemistry courses. In her classes, Hannah focuses on the development of problem solving and numeracy skills, as well as encouraging a love of Science.

Joanne Parker, Santa Maria College

Joanne Parker is currently working as a Human Biology teacher at Santa Maria College, where she has been teaching for several years. Prior to this position, she worked at an Outstanding Ofsted (2009, 2014) academy in South East London, teaching Key Stage 5 Biology and Human Biology, as well as Key Stage 4 Physics, Chemistry and Biology. In her science lessons Joanne focuses on utilising inquiry approach, in order to develop the critical thinking skills of her students, and maximize student engagement.

Melanie Lee, Santa Maria College

Melanie Lee entered teaching after working as an Industrial Chemist. She went into teaching due to her passion about educating and developing the next generation of scientists. She has worked in a variety of schools and is currently teaching Science and Physics at Santa Maria College. Melanie integrates technology, differentiation and cross curricula connections into her lessons to ensure her lessons are accessible to all levels of students.



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SCIENCEWORLD

WESTERN AUSTRALIA

Publishing in 2017

TITLE	ISBN	RRP
ScienceWorld Western Australia 7 Student Book (print + digital)	9781420238228	\$49.95
ScienceWorld Western Australia 8 Student Book (print + digital)	9781420238280	\$49.95
ScienceWorld Western Australia 9 Student Book (print + digital)	9781420238334	\$49.95
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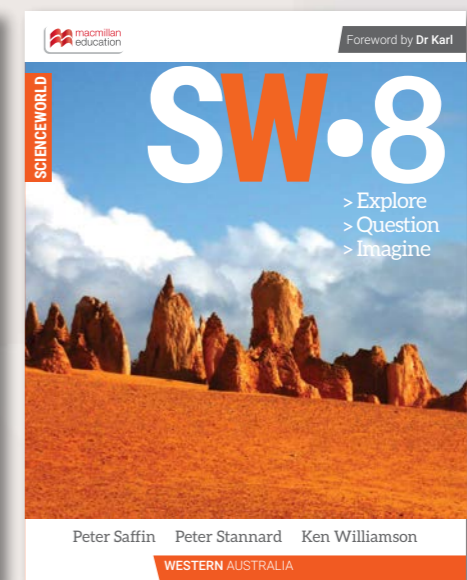
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05/17



Peter Saffin

Peter Stannard

Ken Williamson

Contributing Authors: Hannah Fay, Joanne Parker, Melanie Lee

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SCIENCEWORLD

New edition for Western Australia

ScienceWorld is a leading, tried and tested textbook series. This new edition has been designed specifically for Western Australia, with contributing authors from Santa Maria College ensuring the books provide comprehensive coverage of all content descriptors and an approach that works for WA. With its integrated literacy and numeracy support, accessible reading level, and regular formative questions and activities, *ScienceWorld* offers a balanced approach to the curriculum.

Why does *ScienceWorld* work?

- A wealth of activities, experiments and investigations is interspersed throughout the books, reinforcing students' learning as they need it.
- Specific skill-builder activities develop skills clearly and progressively.
- Inquiry-based activities and 'design your own' experiments allow students to explore and discover the wonderful world of science for themselves.

What's new in *ScienceWorld*?

With a new focus on Exploring, Questioning and Imagining, *ScienceWorld* encourages students to learn through active discovery and scientific exploration. This new edition has been:

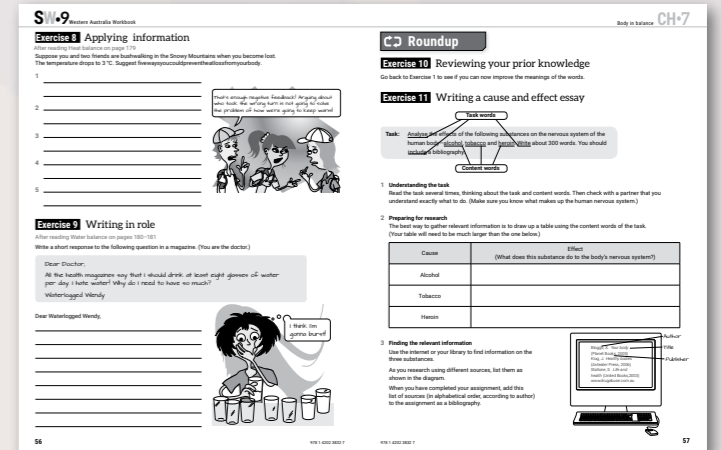
- tailored for Western Australia
- resequenced to provide complete coverage and improved progressive development of concepts
- enhanced with up-to-date facts, figures and case studies
- updated, with more STEM-based examples and a stronger focus on the latest technologies
- revised to improve readability, flow, accuracy and depth.

A new look and feel

- This series has been extensively redesigned, adding both visual appeal and user-friendly elements.
- Streamlined feature boxes increase efficiency and accessibility.
- Increased visuals enhance the student experience, engaging their interest and demonstrating concepts in a compelling way.
- A new digital platform focuses on interactive tools that help consolidate learning.

Workbooks

The workbooks have also been updated, to ensure they work in perfect tandem with the student books. They are suitable for all students and have been written by a literacy expert to support literacy development. Throughout, students are provided with opportunities to speak and write in the various text types specific to science. The workbooks scaffold learning and make it easier for all students to develop basic science understanding and skills. They consolidate knowledge and understanding, and allow higher-order thinking to develop logically.

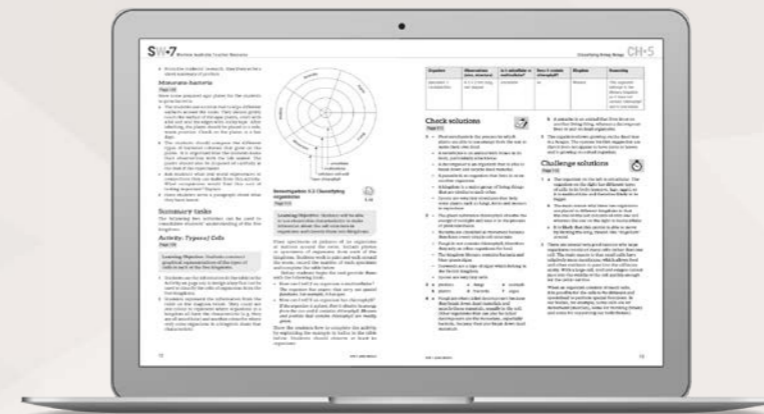


Teacher resources

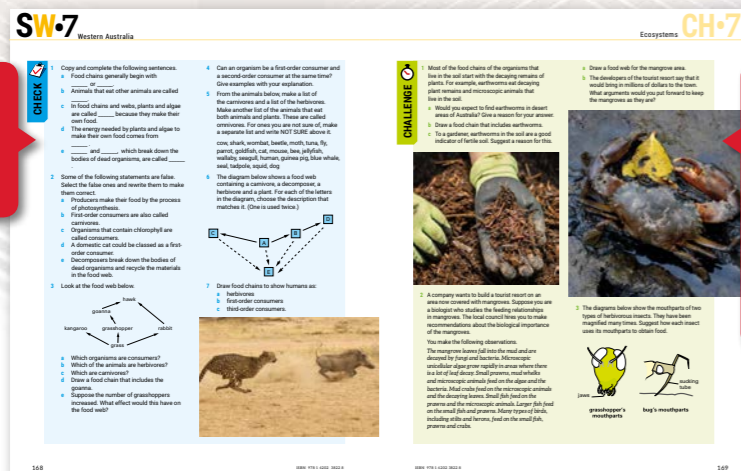
The teacher resources have been fully revised to offer substantial support. Adapted for Western Australia by practising local teachers, these unparalleled resources provide:

- comprehensive teaching notes for each chapter, with ideas, hints and tips, and lab notes
- activities for differentiation
- more 'pick up and go' teaching options to make it easy to get started in the classroom
- solutions to support your marking
- editable chapter tests with answers for assessment, giving you more freedom in the classroom
- assessment tasks with marking rubrics for each chapter.

The new format offers rich content designed to facilitate your delivery of the syllabus, save you time and help you both challenge and support your students.

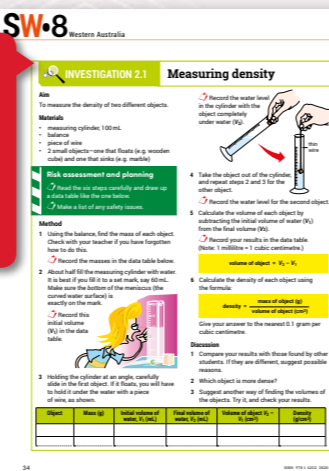


Check questions review students' understanding of concepts for each section.



Challenge questions provide an opportunity for students to apply their knowledge and skills in context, and think at a higher level.

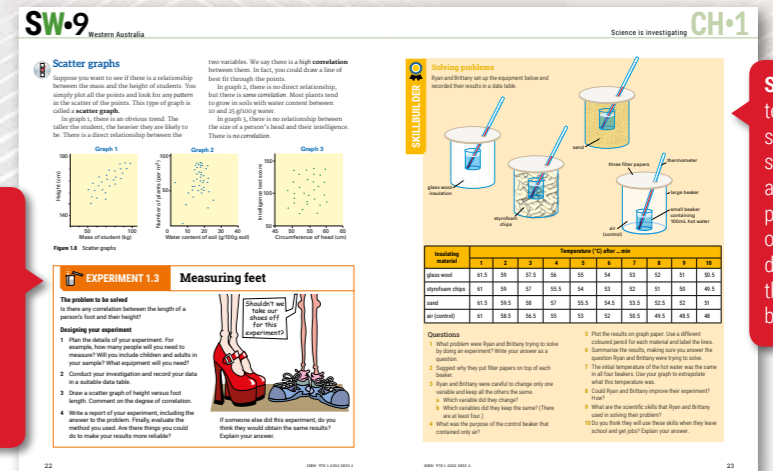
Investigations provide opportunities for students to apply Science Inquiry skills, while exploring key concepts.



Science as a human endeavour features bring science to life, putting science in context historically, for today, and for the future.



Experiments allow students to design their own experiments and inventions, encouraging engagement and discovery.



Skillbuilders teach key skills explicitly, supporting a clear progression of skill development throughout the book.