

SASTA Science Resources Catalogue 2020

STUDENT WORKBOOKS

SACE Stage 1

Biology

2nd ed., 2018, 452 pp., ISBN 978-0-6481667-6-4

Chemistry

2nd ed., 2018, 396 pp., ISBN 978-0-6481667-7-1

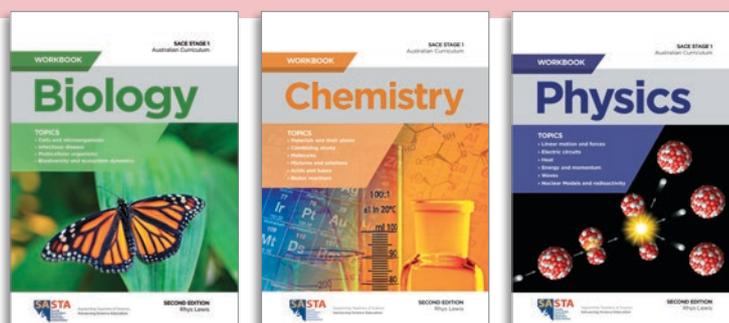
Physics

2nd ed., 2018, 544 pp., ISBN 978-0-6481667-5-7

\$54.00 each

SASTA's workbooks cover all topics outlined in the SACE curriculum in an easy to read format with colour illustrations and diagrams throughout.

- Over 300 full colour illustrations and diagrams
- Over 250 problems with worked solutions
- Questions range from simple to challenging
- All questions are mapped to the new performance standards
- Topic test for each chapter.



SACE Stage 2

Chemistry

2018, 584 pp.

ISBN 978-0-9953841-5-6

Physics

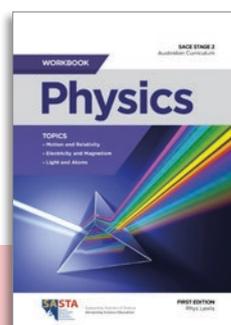
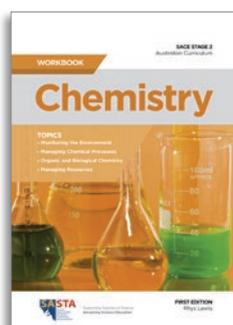
2018, 552 pp.,

ISBN 978-0-9953841-6-3

\$59.00 each

Written for the SACE Stage 2 Curriculum, these full colour student text and workbooks cover all topic content in an easy to read format.

- Complete explanation of all theory from the subject outlines
- All questions mapped to the performance standards
- Over 300 full colour diagrams
- Over 700 contextual questions with fully worked solutions
- Questions range from simple to challenging and are designed to prepare students for assessment tasks
- Review test for each chapter.



ALL NEW Biology for SACE Stage 2 2nd Edition

2019, ISBN 978-0-6486602-5-5

\$59.00

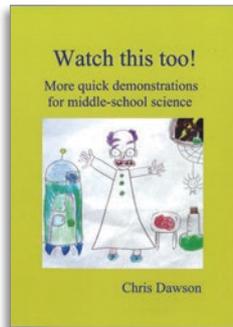
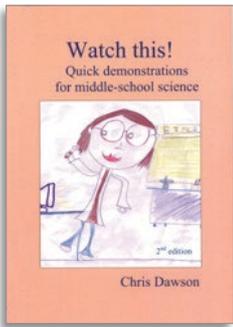
This workbook follows the revised 2020 SACE subject outline for Stage 2 Biology with statements from the Science Understanding section beginning each chapter.

The Second Edition includes revised chapters, extended explanations, new diagrams, and best of all, hundreds of new questions! The review tests have been revised to include questions that address criteria relevant to the strands of science inquiry skills and science as a human endeavour.

Discounted First Edition still available - just \$29!

Download sample pages from
www.sasta.asn.au

MIDDLE SCHOOL



Watch This!

2nd ed., 2009, 118 pp.
ISBN 978-0-9758148-3-3

\$35.00

Over 100 quick demonstrations for middle school science, with a chemistry, physics and biology focus in different chapters.

Watch This Too!

2nd ed., 2017, 114 pp.

\$35.00

Following on from Watch This!, Watch This Too! comprises of another 100 quick demonstrations for middle school science, with a focus on biology, chemistry, physics and geology in different chapters.

What If... We Do Science? Science Investigations for Year 5

2015, 178 pp.

\$55.00

Science Investigations for Year 6

2015, 139 pp.

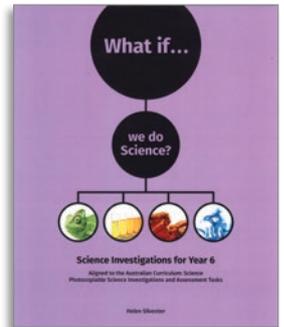
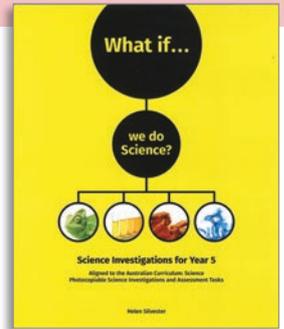
\$55.00

What are the Science Inquiry skills you need to teach?

How can you teach them effectively?

These books use hands-on activities to examine a simple approach to teaching the skills needed for science inquiry.

- Over 50 unique science investigations
- Aligned directly to the Australian Curriculum: Science
- Highlights the Science Inquiry skills and is ideal for use as an assessment tool
- Contains easy to use student worksheets that are ready to photocopy.



Biology: Levels of Life

Brian LeCornu and Tony Diercks

Biology: Levels of Life – Australian Curriculum Edition Textbook (2020)

\$62.40

This textbook provides detailed coverage of all the content (Science Understanding) of the SACE Stage 2 Biology subject. The new content is relevant, up-to-date and addresses Science as a Human Endeavour, with many examples throughout. It is attractively presented in full colour with numerous links to videos, animations, and useful resources. The textbook is divided into four topics, with each topic presented in chapters designed to make the material easy to follow, with study questions at the end of each chapter.

Biology: Levels of Life – Australian Curriculum Edition Workbook

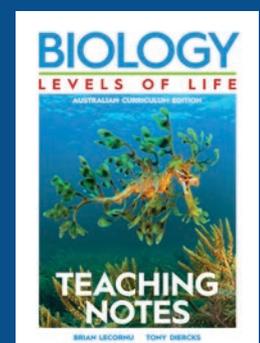
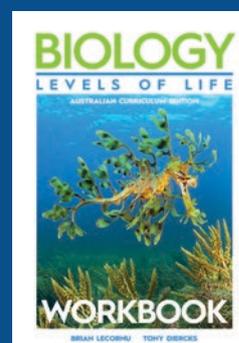
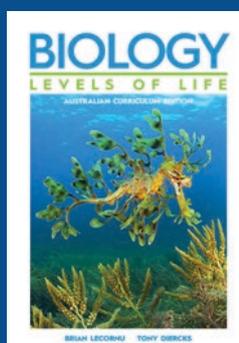
\$23.95

Written specifically to complement the textbook, this workbook covers all Science Understandings of the Biology subject outline. It can be used in conjunction with the textbook or on its own as an aid for understanding and revision. By completing answers to the workbook questions, students will develop their knowledge and understanding of biological principles and concepts.

Biology: Levels of Life – Teaching Notes

\$120.00

Teachers will find the Teaching Notes invaluable in ensuring that all Science Understandings are covered for each of the four topics. The book is designed so that when open on the desk the pages lay flat and the notes can easily be seen at a glance. There are teaching tips throughout as well as additional information. Answers to questions in the Workbook will assist teachers in explaining concepts to students.



Updated to match minor changes in the subject outline for 2020

PRACTICAL INVESTIGATIONS

Year 8 Science Practical Investigations Student Workbook

2nd ed., 2019, 174 pp.,
ISBN 978-0-9756845-1-1

Year 9 Science Practical Investigations Student Workbook

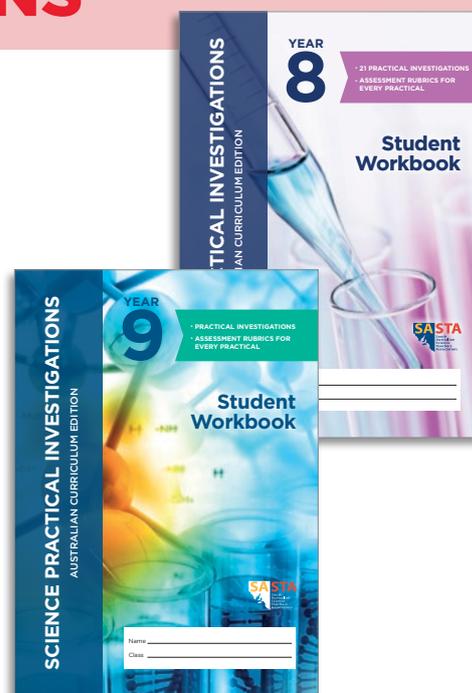
2018, 187 pp.,
ISBN 978-0-6481667-4-0

\$18.50 each

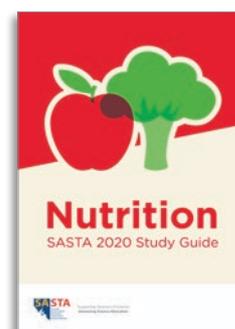
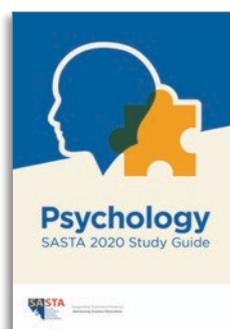
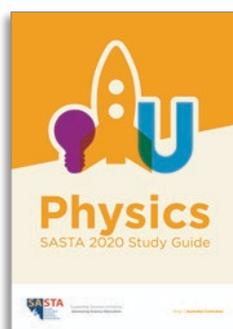
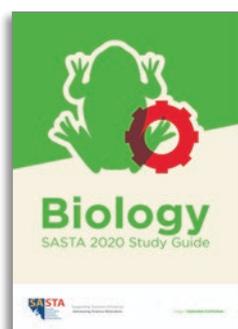
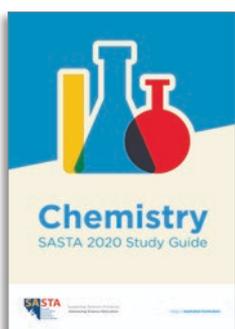
Minimum order 20 copies

These write-in workbooks guide students through practical investigations, encouraging them to practice and enhance their inquiry skills, design procedures and answer questions about their learning.

- Explores Biological sciences, Chemical sciences, Earth and Space sciences and Physical sciences for the Year 8 or 9 Australian Curriculum
- Explanations of how to work scientifically, including manipulating variables, graphing and measurement.
- Emphasis on science inquiry skills
- Assessment rubrics for each practical.



2020 RESOURCES FOR SACE STAGE 1 & 2



Stage 2 Study Guides

Biology

Chemistry

Nutrition

Physics

Psychology

\$29.00 each

SASTA Study Guides are the complete resource for students preparing for SACE Stage 2 exams. These guides include questions with worked solutions covering each topic of the subject outline and address all sections of the exam. The Biology, Chemistry and Physics study guides have been aligned to the new SACE Stage 2 Curriculum.

Available in Term 2 2020

SACE Stage 1 Trial Exams

Biology

Chemistry

Physics

\$165 each

The SACE Stage 1 mid-year and end of year exams for Biology, Chemistry and Physics feature a range of questions with difficulty levels ranging from simple to challenging. All questions are in context, are mapped to the subject outlines for teaching in 2020 and are designed to prepare students for exams in Stage 2. Students apply their knowledge to a 100 mark examination which is designed for formative or summative assessment at Stage 1.

Available early 2020

SACE Stage 2 Trial Exams

Biology

Chemistry

Nutrition

Physics

Psychology

\$132 each

The SASTA SACE Stage 2 Trial Exams are a 'must have' resource, developed by leading teachers to support SACE Stage 2 teachers.

Available in 'Word' format this vital resource will familiarise teachers and students with the SACE Stage 2 exam format. Teachers will be able to use the resource as revision for students, stand-alone assessment tool or to develop exam preparation skills.

Available in Term 3 2020

NEW TITLES

Living Science: Biology for SACE Stage 2

2019, 280 pp., ISBN 978-09756845-2-8

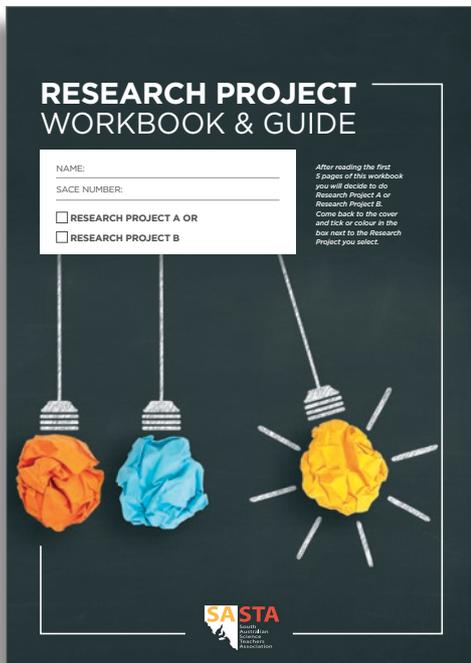
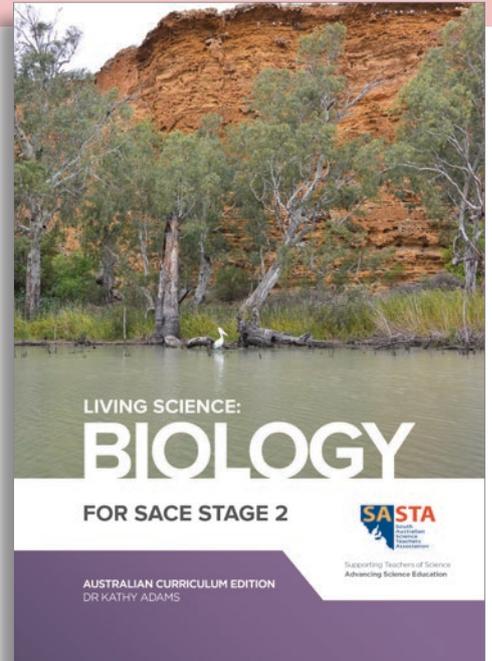
\$54.00

Teachers will find this book an invaluable resource for planning and developing student knowledge as it has comprehensive coverage of the science understandings of the 2020 Stage 2 course. Students will find it a great resource to complement lessons and will develop a broader knowledge of Biology across many different contexts.

'Did you know?' breakout boxes throughout the text include related stories, concepts, perspectives and facts to help engage students in deeper learning.

'SHE Alert' boxes are connected to the four SHE Key concepts: Communication and Collaboration, Development, Influence, and Application and Limitation. These sections give students and teachers opportunities to consider how science and society interact to find solutions and overcome problems.

There are **review questions** throughout the book and at the end of each chapter.



Research Project Workbook and Guide for SACE Stage 2

2019, 257 pp., ISBN 978-0-9756845-3-5

\$39.00

This step-by-step workbook guides students through the three parts of the Research Project: the Folio, the Research Outcome, and the Evaluation/Review.

Students are guided through activities and supported with information to enable them to: generate an idea; develop a research question; plan, conduct and analyse research; and then structure a research outcome and an evaluation or review with a focus on achievement of the performance standards (at a high level).

Along with activities and information, the workbook also includes sections that enable students to organise and store hard copy project material.

Download sample pages from www.sasta.asn.au

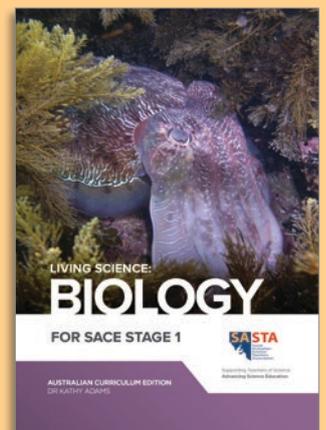
Living Science: Biology for SACE Stage 1

2018, 252 pp., ISBN 978-0-6481667-8-8

\$49.00

This textbook was written to complement the current Stage 1 Biology SACE Board of South Australia subject content for South Australian students. It is designed to be useful for both teachers and students. This text has comprehensive coverage of the Science Understandings and additional features, such as the "Did you know?" and "SHE Alert" boxes, to develop a broader knowledge of Biology.

The "Did you know?" boxes are connected stories, concepts, perspectives or interesting biological processes or facts to help engage students in deeper learning. The "SHE Alert" boxes are connected to the four SHE Key concepts and are there to guide students and teachers to consider how science and society interact to overcome problems, find new alternatives and improve human lives. At the end of each chapter, a list of possible Deconstruct and Design ideas are included which could be used by the teacher to develop tasks. There are also review questions through the book and a set of SHE short answer questions for students.



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