Pearson

SALTERS-NUFFIELD AS and A level Biology Course Guide

Developing successful independent biologists for AS, A level and beyond

Explore Salters-Nuffield AS and A level Biology resource

Why choose our Salters-Nuffield AS and A level Biology resources?

The SNAB resources have been tried and trusted for over a decade and are the only Biology A level resources that are supported by a dedicated project team, run by the University of York Science Education Group.

Developed in collaboration with schools, educational specialists and scientists from universities and industry, our 2015 edition of Salters-Nuffield Advanced Biology continues to offer a context-led approach to A level Biology designed to stimulate scientific interest and enquiry set in real-life contexts.

Salters-Nuffield Advanced Biology focuses on:

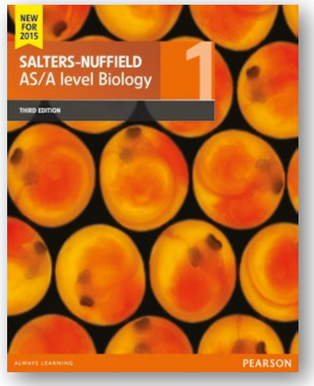
Developing a deep subject understanding

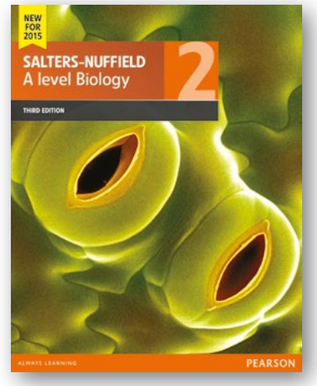
SNAB uses real-life contexts to engage students and make learning relevant. The course has been carefully designed to develop ideas across contexts, building on ideas to consolidate and extend learning to provide a thorough understanding of the concepts that underpin biology today. Revisiting ideas in this way allows connections to be made between them, and supports a synoptic approach.

Understanding the core concepts and acquiring key scientific skills

A key feature of the SNAB course is that students develop their biological knowledge and understanding to form a solid basis for any further study in the subject. They also acquire the wider skills essential to biologists working in the 21st century. SNAB embraces an activity based approach to teaching and learning which is supported by a wealth of print and online resources.

What's in Salters-Nuffield AS and A level Biology?





ActiveBook

– free digital* copy of the Student Book for each copy purchased

– available to buy as multi user licences

SNAB online

ActiveLearn

– dedicated website for both students and teachers

Students

– activities, interactive tutorials, end of topic tests with feed back and progress charts

Teacher and Technicians

– presentations, 3-D modelling plus student sheets and technician notes provided for all practicals

Revision Guides and Workbooks

– revision support and practice questions

*ActiveBook is also available to buy as an institution licence.

How do the Salters-Nuffield AS and A level Biology resources support the qualifications?

Salters-Nuffield specification	Where addressed	How addressed?
Fully co-teachable	**Student book and ActiveBook**	• Simple division of content: Student Book 1 supports a standalone AS course and provides the first year of a two-year A level course; Student Books 1 and 2 together support the full A level course.
	SNAB Online	• Simple division of content with easy navigation provides all resources to support Student Books 1 and 2 with clear sign-posting.
Distinct topics cover fundamental areas. Later topics build for a broad knowledge base for progression.	**Student book and ActiveBook**	• A cumulative approach to learning constantly building on what has previously been learnt. • Checkpoints consolidate knowledge through summarizing tasks.
Synoptic understanding	**Student Book and ActiveBook**	• Thinking Bigger spreads require students to use knowledge in new contexts and develop assessment skills throughout the course. Includes extended reading material to develop students' reading and scientific literacy skills.
	SNAB Online	• Online activities consolidate and build learning across topics and throughout the course by providing a range of activities to support the student book.
Integrated maths skills	**Student book and ActiveBook**	• Integrated maths support directs students to online maths resources.
	SNAB Online	• Maths for Biologists provides a scaffolded method to work through the required maths and takes learners through three levels of each skill. • Maths and stats skills support gives students reference tools with which to build an understanding of maths within a biological context.
Core practical skills in a familiar context	**Student Book and ActiveBook**	• Practical activities integrated into the contextual approach provide opportunities for students to practice their skills and develop an understanding of practical requirements.
	SNAB Online	• Student sheets, Teacher and Technician notes are provided for all core practicals plus additional practicals, providing many opportunities for students to develop and demonstrate practical skills. • Practical skills support gives students reference tools with which to build an understanding of practical application and technique within a biological context, using an investigative approach.
Assessment support	**Student Book and ActiveBook**	• Thinking Bigger spreads develop essential assessment skills throughout the course.
	SNAB Online	• End of chapter tests provide additional practice over the full duration of the course. • GCSE reviews continue to consolidate GCSE work
	Revision Guides and Workbooks	• Features such as one-topic-per-page format, practice questions, knowledge checks and skills checks provide hassle-free AS and A level revision. • Build students' confidence in preparation for the exam, with guided questions, unguided questions, practice papers and a full set of answers.

What's in Salters-Nuffield AS and A level Biology?

Easy co-teaching of AS and A level

Supporting a standalone AS course and the first year of a two-year A level course

- Student Book and ActiveBook 1

Supporting the full A level course

- Student Books and ActiveBook 1 and 2 together

Covering both AS and A level

- SNAB Online
- Revision guides
- Revision workbooks

SNAB AS/A Level 1

Student book with free ActiveBook	9781447991007
Activebook licences	
<10	9781292103228
10-74	9781292103242
>75	9781292103266

SNAB A Level 2

Student book with free ActiveBook	9781447991014
Activebook licences	
<10	9781292118406
10-74	9781292118437
>75	9781292118468

SNAB AS/A Level 1 and Level 2

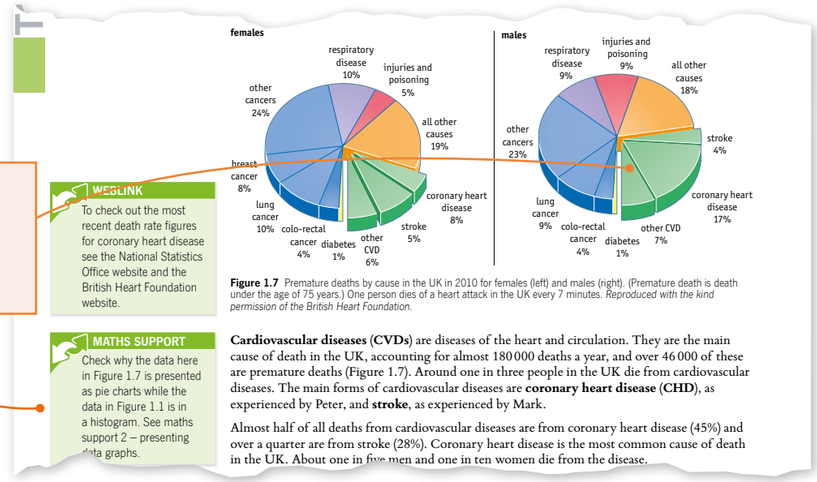
SNAB Online	9781447979371
Revision guide	9781447992714
Revision workbook	9781447992707

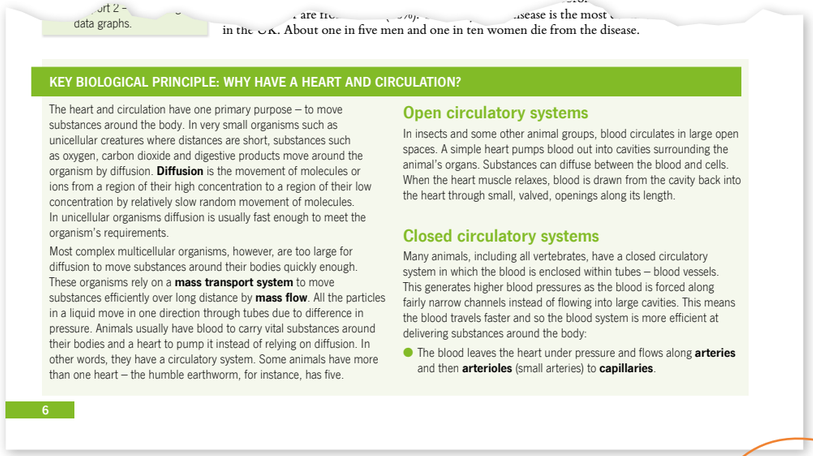
Student Books

Updated to support the 2015 Biology A (Salters-Nuffield) qualification the student books help develop scientific thinking and provide your students with a deep understanding of the subject, creating confident, independent biologists.

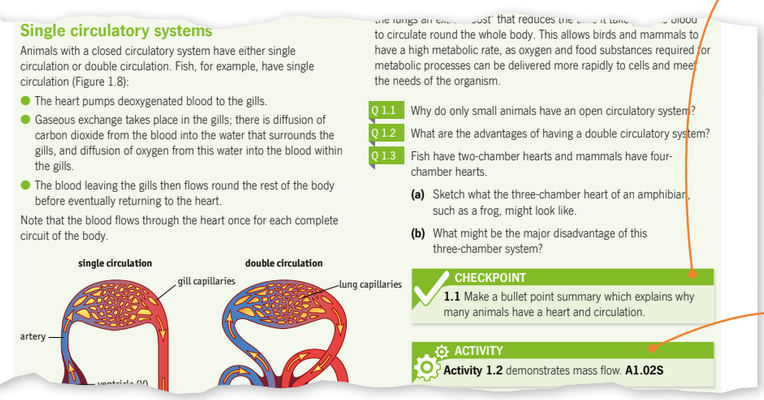
All samples taken from Salters-Nuffield AS/A level Student Book 1

Integrated maths and stats support: directs students to online maths resources.





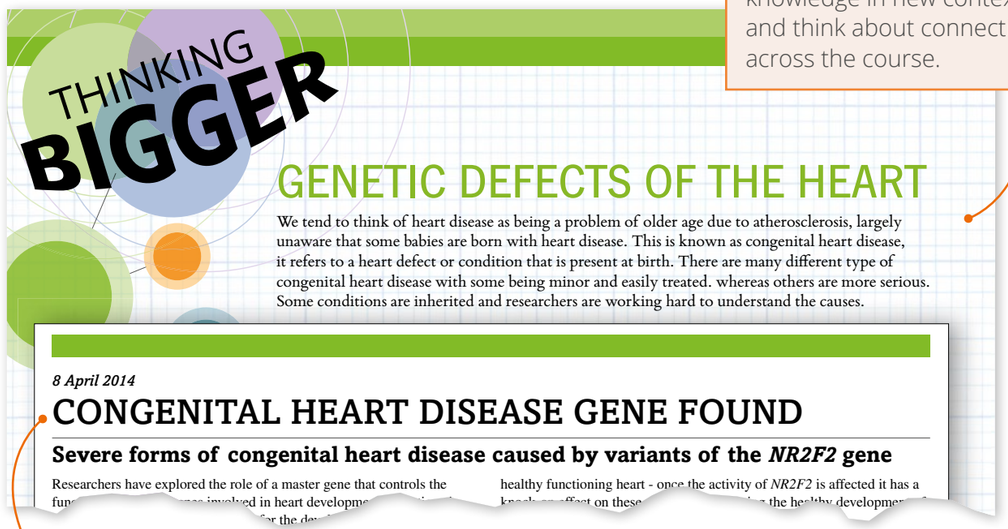
Checkpoints consolidate knowledge through summarizing tasks.



Practical activities provide opportunities for students to practise their skills and develop understanding of practical requirements.

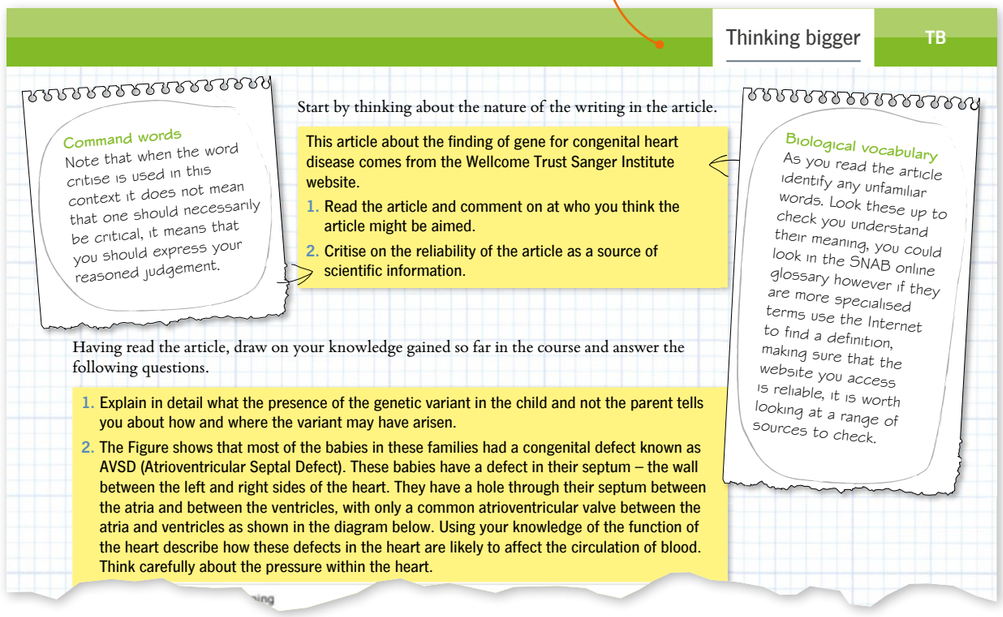
Student Books

Thinking Bigger spreads require students to use knowledge in new contexts and think about connections across the course.



Real-life articles engage students with current biological writing and develop scientific literacy skills needed for A level and beyond.

Thinking Bigger spreads develop essential assessment skills throughout course.



All samples taken from Salters-Nuffield AS/A level Student Book 1

SNAB Online

ActiveLearn

To complement the Student Book, there is a dedicated website, packed with resources for both students and teachers to support teaching and learning.

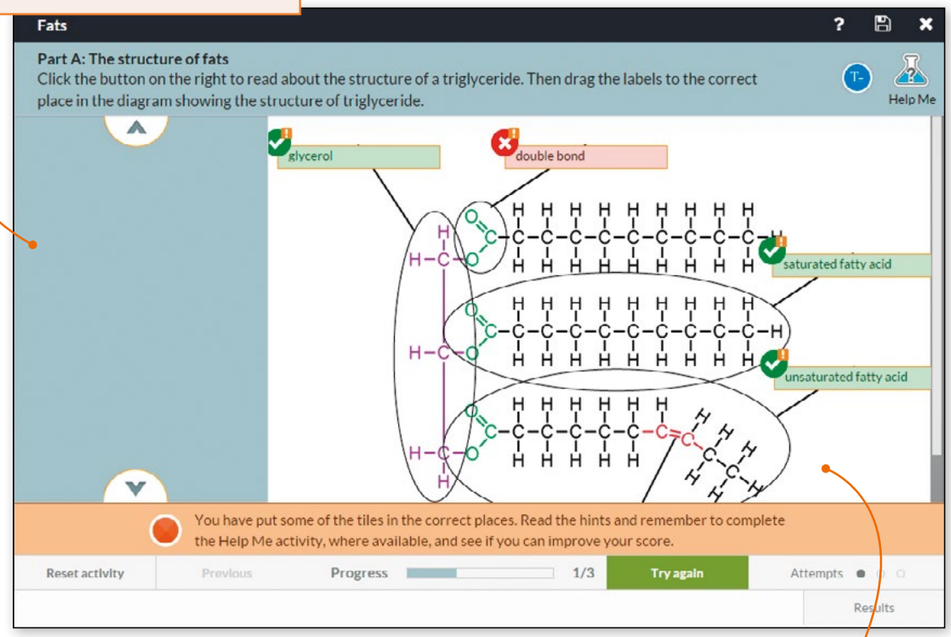
For Students

Throughout the Student Book there are links that direct your students to the SNAB Online website, where they'll find activities, interactive tutorials, and skills support to consolidate their in-class learning and develop the skills needed to progress with Biology.

For Teachers and Technicians

You'll find invaluable resources to aid your teaching, including presentations, 3-D modelling, and all the worksheets and guidance for all the student activities including practical work. A guide on teaching each topic and forward planning is provided for those new to the course. SNAB Online also enables you to monitor students' progress and obtain a range of helpful reports.

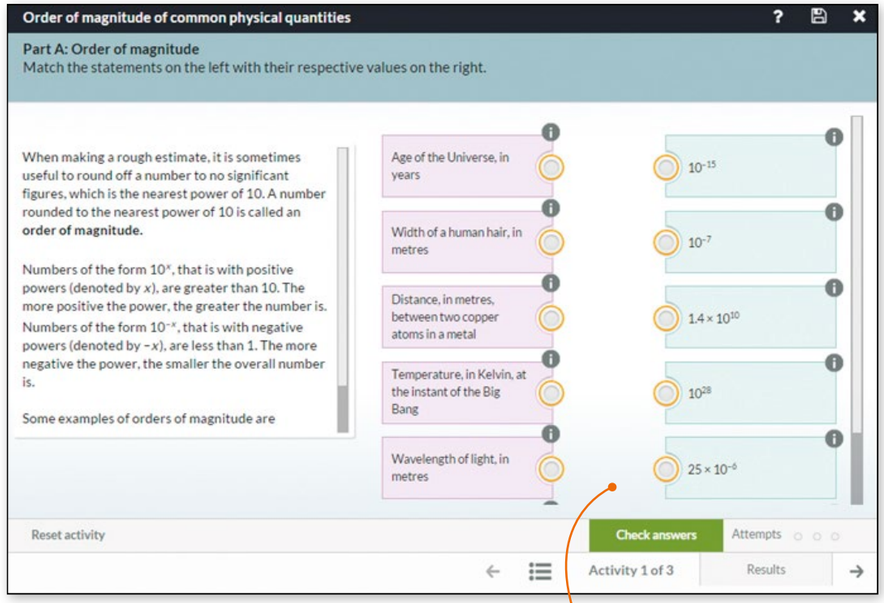
End of topic tests provide feedback and progress checks over the full duration of the course.



Sample taken from SNAB Online

Online activities: consolidate and build learning across topics and throughout the course by providing a range of activities to support the Student Books.

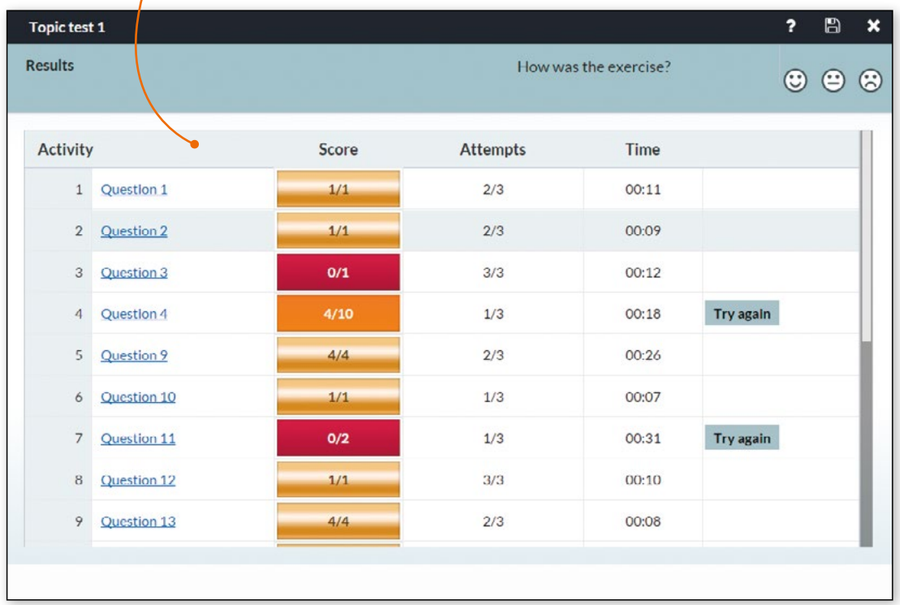
ActiveLearn



Sample taken from SNAB Online

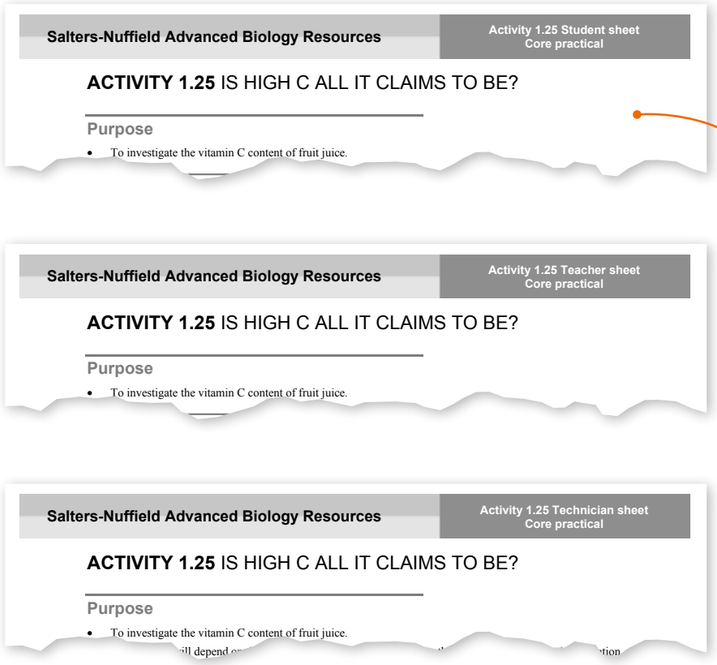
Maths and stats skills support gives students reference tools with which to build an understanding of maths within a biological context. Extra practice is provided through a series of interactive activities with help and feedback.

Activities come with feedback summaries, so students and teachers can easily see areas that need more practice.



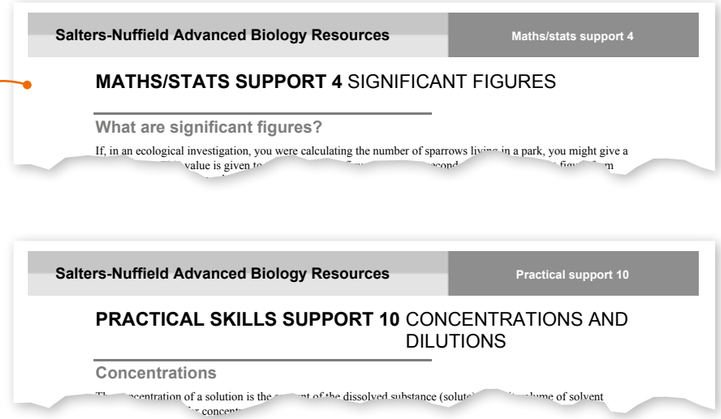
Sample taken from SNAB Online

ActiveLearn



Student sheets and Teacher and Technician notes are provided for all core practicals, plus additional practicals, providing many opportunities for students to develop and demonstrate practical skills.

Support for maths and practical skills give students reference tools with which to build an understanding of practical and mathematical application and technique within a biological context.



Samples taken from SNAB Online

ActiveBooks

Every Student Book includes access to an ActiveBook. ActiveBook is an online, digital version of the textbook.

ActiveBook is the perfect way for students to personalise their learning as they progress through their Salters-Nuffield AS and A level Biology course.

ActiveBook supports learning, wherever it may be happening.

Students can:

- Access content online, anytime, anywhere
- Use the inbuilt highlighting and annotation tools to personalise the content and make it really relevant to them
- Search the content quickly using the index

Highlight tool

Use this to pick out key terms or topics to be ready and prepared for revision.

Annotations tool

Use this to add personal notes, for example links to your wider reading, such as websites or other files. Or make a note to remind yourself about work you need to do.

Example of highlight and notes tool

An ActiveBook gives your students easy online access to the content in the Student Book.

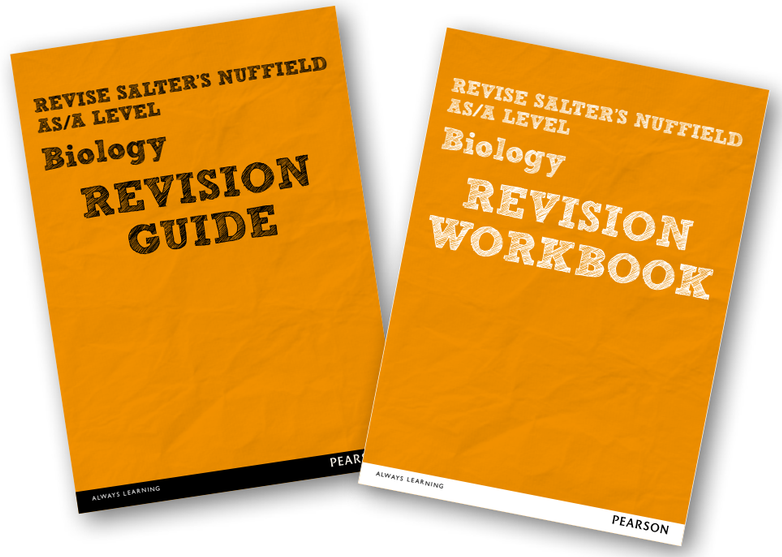
Perfect for supporting their course work and revision activities.

ActiveBook is also available to buy as an institution licence.

Revision Guides and Workbooks

The revision series from Pearson for those studying the Edexcel A level Biology specification, including Salters-Nuffield Advanced Biology.

- Designed for hassle-free classroom and independent study, our **Revision Guides** are designed to complement the Student Books with a range of specially designed features such as the one-topic-per-page format, practice questions, knowledge checks and skills checks.
- Our **Revision Workbooks** are designed to help students develop vital skills throughout the course and build their confidence in preparation for the exam, with guided questions, unguided questions, practice papers and a full set of answers.



Salters-Nuffield AS and A level Biology at a glance

	Student book with free ActiveBook	ActiveBook licences			SNAB Online	Revision guide	Revision workbook
		<10	10-74	>75			
SNAB AS/A Level 1	9781447991007	9781292103228	9781292103242	9781292103266	9781447979371	9781447992714	9781447992707
SNAB A Level 2	9781447991014	9781292118406	9781292118437	9781292118468			

Next Steps

Find out more

Go on our website to find out more about:

Salters-Nuffield AS/A level Biology Student Book 1

Buy online

Build your order online and tailor it to meet your personal requirements.

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AS and A level Biology

Developing successful independent biologists for AS, A level and beyond

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