

 PHILIP ALLAN

 HODDER
EDUCATION



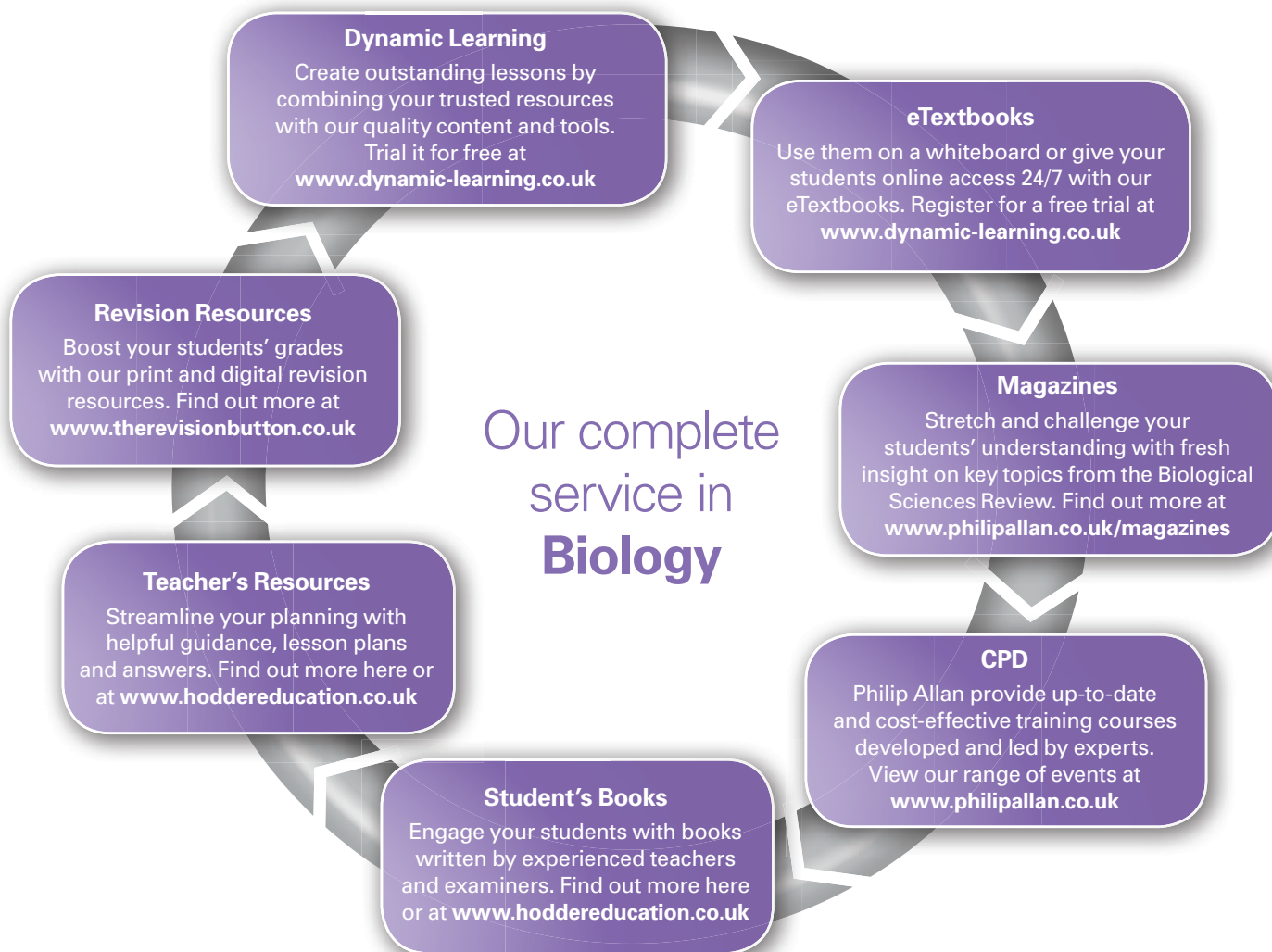
BIOLOGY 2012

www.hoddereducation.co.uk

Welcome to the 2012 **Biology Catalogue** which features new and bestselling resources from **Hodder Education** and **Philip Allan**.

We provide solutions and services to schools and colleges via print and digital resources as well as through teacher CPD and student revision workshops.

Our aim is to support you by providing exactly what you need.



To find out more browse through the pages or go online.

To order simply turn to the back of the catalogue or visit www.hoddereducation.co.uk.

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Key Websites

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To try or buy Dynamic Learning or eBooks, visit: www.dynamic-learning.co.uk

To get more information on print and digital resources, visit: www.therevisionbutton.co.uk

To find out more about Philip Allan conferences and magazines visit: www.philipallan.co.uk

Some of our titles are available as eBooks. To browse the range, visit www.hoddereducation.co.uk/e-books

Key to symbols

- NEW** New for 2012
- NEW EDITION** New Edition for 2012
- SERIES** Part of a series
- + CD-ROM** Book contains a CD-ROM

eBooks

eBook available eBooks/eTextbooks are available from some or all of the following websites:

Amazon – www.amazon.co.uk

Dawsonera – www.dawsonbooks.co.uk

EBL – www.ebilib.com

Ebooks.com – www.ebooks.com

Ebrary – www.ebrary.com/corp

eTextbooks – www.dynamic-learning.co.uk

Mylibrary – www.mylibrary.com

Netlibrary – www.netlibrary.com



Connecting Science

SERIES

Series Editors: Lynn Chapman, David E. Quinn

Connecting Science is a Key Stage 3, enquiry-led course to motivate and enthuse your pupils. It uses the '5Es' methodology:

- Engage – create interest
- Explore – look at key questions
- Explain – clarify the science behind the discoveries
- Extend – ask further questions
- Evaluate

This helps students develop arguments, formulate explanations and then apply these skills to new topics. This series also emphasises the importance of science in the real world.

One Pupil's Book covers year 7, 8 and 9, making it the ideal course for teaching Key Stage 3 in 2 years.

Unparalleled support and guidance for teachers

The easy to navigate Teacher Guides are available as separate books for years 7, 8 and 9. They provide detailed ways to build your own personalised lessons and highlight where you can integrate learning objectives into your teaching.

Connecting Science Dynamic Learning

Our unique online resource **Dynamic Learning** is at the heart of **Connecting Science**. Combine your trusted resources with our quality content and tools to create outstanding lessons.

- Save time, streamline planning and bring your lessons to life with interactive activities
- Send resources and lessons to your VLE at the click of a button

The **Dynamic Learning** digital resources provide automatically marked, online assessments that generate reports, which enable you to identify your students' progress.

For the whole Key Stage:

Pupil's Guide • 9780340945988 • 240pp • £15.99

Teacher's Guide KS3 in 2 years • 9780340974711 • 288pp • £190.00

Year 7

Dynamic Learning • From £250.00 + VAT

Year 8

Teacher's Guide • 9780340949955 • 144pp • £110.00

Dynamic Learning • From £250.00 + VAT

Year 9

Teacher's Guide • 9780340949962 • 144pp • £110.00

Dynamic Learning • From £250.00 + VAT

Connecting Science Key Stage 3 Dynamic Learning Bundle

£480.00 + VAT

Sign up for a free trial or buy at www.dynamic-learning.co.uk



**'The vividly illustrated books will be attractive to students of all abilities...
A thought-provoking book. The novel approach makes it an excellent way of stretching students.'**

TES Teacher

Thinking Through Science

SERIES

CD-ROM

**Arthur Cheney, Howard Flavell, Chris Harrison,
George Hurst, Carolyn Yates**

This course for Key Stage 3 Science brings together proven approaches to the development of pupils' thinking skills and the requirements of the National Curriculum for Science.

This resource helps pupils develop their knowledge and understanding of science within the context of the QCA Scheme of Work. The order in which specific skills are introduced is based on many years' research into pupils' cognitive development. This course arises directly from the CASE project and aims to cultivate an accelerated cognitive/thinking skills approach to science.

- Activities develop a wide range of thinking skills and are classified in line with the Science Strategy, as: Information Processing, Reasoning, Enquiry, Creative Thinking and Evaluation.
- Key words and Wordplay activities develop literacy.
- The five key scientific ideas identified in the Framework are introduced, reinforced and developed throughout the course.

Year 7

Pupil's Book • 9780719578519 • 256pp • £16.99

Teacher's Book 1 • 9780340990643 • 128pp • £75.00

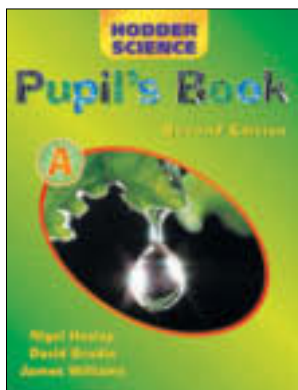
Year 8

Pupil's Book 2 • 9780719578540 • 288pp • £16.99

Year 9

Pupil's Book 3 Red • 9780719578571 • 288pp • £16.99

Teacher's Book 3 Blue • 9780719580581 • 288pp • £75.00



Hodder Science

SECOND EDITION

Nigel Heslop, David Brodie, James Williams

Hodder Science is an exciting and innovative course that supports the National Curriculum guidelines for Key Stage 3 Science.

- The Working with Words section helps pupils to understand and learn the scientific words
- Topic Opener page at the beginning of each chapter to allow you to assess pupils' level of understanding
- Key Idea icons throughout the pages to ensure your pupils are focusing on the five key ideas
- The Science Ideas pages at the end of every chapter provide activities focusing on science in the 21st Century to help prepare pupils for continued science learning

Pupil's Books

Book A • 9780340886717 • 168pp • £16.99

Book B • 9780340886793 • 168pp • £16.99

Book C • 9780340886809 • 168pp • £16.99



Biology Now!

SECOND EDITION

Peter D Riley

This book and its accompanying Teacher Resource are ideal if you are offering separate sciences at Key Stage 3 plus they can be used for Common Entrance examination practice. Concepts are fully explained and background reading is encouraged.

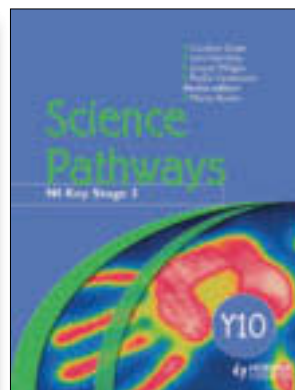
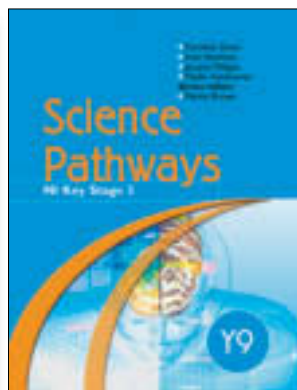
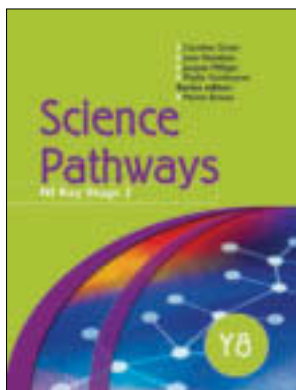
Throughout there are numerous questions that test a range of skills including:

- Comprehension
- Application
- Analysis
- Evaluation

These may be used as a basis for class work or homework. There are also 'For discussion' sections to encourage group discussion.

Pupil's Book • 9780719580604 • 224pp • £16.99

Teacher's Resource • 9780719580598 • 128pp • £85.00



Science Pathways for Northern Ireland Key Stage 3

SERIES

+ CD-ROM

**Caroline Greer, Iona Hamilton, Jacque Milligan
and Phyllis Vandevyver**

Series Editor: Martin Brown

Science Pathways has been written specifically for the curriculum for Northern Ireland. It highlights the importance of developing pupils as individuals, as contributors to society, and to the economy and environment, within a science context. A range of thinking skills and capabilities are clearly identified throughout.

- Separate textbooks for Years 8, 9 and 10 contain clear text and helpful illustrations to make the content easy to follow
- Clearly identified learning outcomes give pupils targets and enable you to assess understanding before moving on to the next topic
- Local examples help pupils to engage with the subject material

Science Pathways Teacher's CD-ROMs:

These invaluable companion resources support the Pupil's Books, offering a wide variety of resources, as well as planning guidance and answers to questions in the Pupil's Book, to help you deliver the Key Stage 3 curriculum for Northern Ireland.

There are also copies of selected illustrations from the Pupil's Book for use on an interactive whiteboard to enliven your lessons.

Year 8

Pupil's Book • 9780340888827 • 192pp • £15.99

Teacher's Resource CD-ROM • 9780340946671 • £150.00 + VAT

Year 9

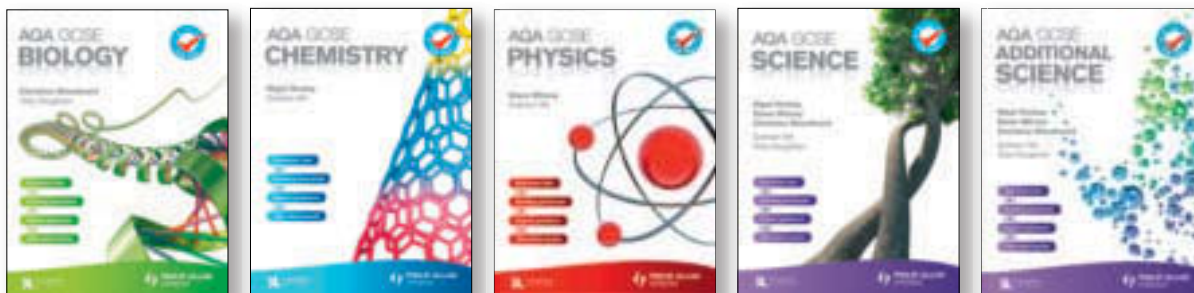
Pupil's Book • 9780340888834 • 192pp • £15.99

Teacher's Resource CD-ROM • 9780340946688 • £150.00 + VAT

Year 10

Pupil's Book • 9780340888841 • 192pp • £15.99

Teacher's Resource CD-ROM • 9780340946695 • £150.00 + VAT



AQA GCSE Science

SERIES

eBook available

**Nigel Heslop, Steve Witney, Christine Woodward,
Graham Hill and Toby Houghton**

The only AQA GCSE Science series that offers a complete solution for the AQA GCSE Science specifications.

Student's Books

Written by experienced teachers and senior examiners, our AQA GCSE Student's Books are packed with top tips and practical activities to support different learning styles, inspiring students to implement their practical science skills.

They also contain Controlled Assessment guidance and exciting real science activities, delivering everything you need to engage your students and secure better results.

The Student's Books will give students the right knowledge and skills to achieve top grades. Each book contains support for A* candidates alongside 'Boost Your Grade' features and examiner hints to help students increase their marks in the exams.

Student's Books include:

- 'Test Yourself Questions' to identify areas where students need to consolidate learning
- Exciting practical work activities to engage and focus high-achieving students
- 'How Science Works' material which is clearly identified throughout the books to help students develop the skills required for Controlled Assessment

Answer Book

A separate **Teacher's Answer** booklet is also available that fully accompanies the Student's Book. This supports your delivery of the course with the answers to the 'Test Yourself', homework and practice Exam questions.

AQA GCSE Biology Student's Book

9781444120806 • 272pp • £19.99

AQA GCSE Chemistry Student's Book

9781444120790 • 272pp • £19.99

AQA GCSE Physics Student's Book

9781444120783 • 272pp • £19.99

AQA GCSE Science Student's Book

9781444120769 • 272pp • £19.99

AQA GCSE Additional Science Student's Book

9781444120776 • 272pp • £19.99

AQA GCSE Biology Answer Book • 9781444143713 • £40.00

AQA GCSE Chemistry Answer Book • 9781444143706 • £40.00

AQA GCSE Physics Answer Book • 9781444143690 • £40.00

These titles are also available as eBooks, for more information on how to order please see page 1.



AQA GCSE Science Course Dynamic Learning

Dynamic Learning makes it easier to create and deliver engaging lessons. The unique range of tools will save you time planning, let you combine your existing, trusted resources with our quality content and then send them to your VLE at the click of a button.

Test and Assess

Determine knowledge and understanding with interactive tests, then collate, analyse and distribute your students' results with ease.

Each student is given feedback with remediation and direct links to relevant resources, so they can address and improve areas of weakness. Advanced reporting enables you to view your students' results against a range of criteria, providing flexible and meaningful data about their performance.

- Supports practical work to ensure all the skills required for 'How Science Works' and the Controlled Assessment are developed
- Videos of practical techniques delivered directly to your whiteboard will save time and preparation
- Interactive unit tests for class/homework tasks allow you to measure students' understanding

AQA GCSE Science Course eTextbooks

Online access from the biggest e-textbook provider in the UK

All of the Student Books are available as eTextbooks, giving your students 24/7 online access so they can study anytime, anywhere.

- Create lessons using sections of the eBook with the flexible lesson maker tool
- Display pages to your class on a whiteboard and export double page spreads to your VLE
- Add notes and highlight areas

AQA GCSE Dynamic Learning • From £250.00 + VAT

AQA GCSE Physics eTextbook • From £150.00 + VAT

AQA GCSE Chemistry eTextbook • From £150.00 + VAT

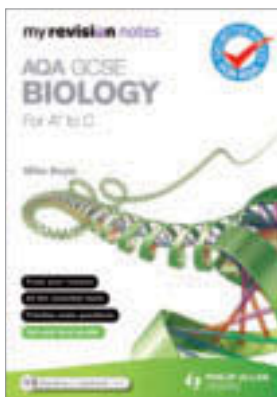
AQA GCSE Biology eTextbook • From £150.00 + VAT

AQA GCSE Science eTextbook • From £150.00 + VAT

AQA GCSE Additional Science eTextbook • From £150.00 + VAT

Sign up for a free trial or buy at www.dynamic-learning.co.uk

Turn over for AQA revision resources ➡



AQA GCSE Biology My Revision Notes For A* to C

SERIES

eBook available

Mike Boyle

My Revision Notes: AQA GCSE Biology makes revising easier. Essential facts are organised into memorable chunks and a detailed revision planner helps students work their way through revision at a pace that suits them.

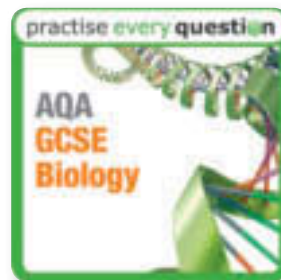
How do they help your students?

- Worked examples and graphs provide reminders of data handling vocabulary and show how to apply data analysis and interpretation skills
- Exam tips and hints showing how to get the best grades and avoid losing marks
- Quick-fire quizzes test progress as they prepare for exams
- Accompanying answers, further questions and revision podcasts provided on

www.therevisionbutton.co.uk/myrevisionnotes

My Revision Notes AQA GCSE Biology • 9781444120837 • £6.99

This title is also available as an eBook, for more information on how to order please see page 1.



AQA Practise Every Question GCSE Biology

SERIES

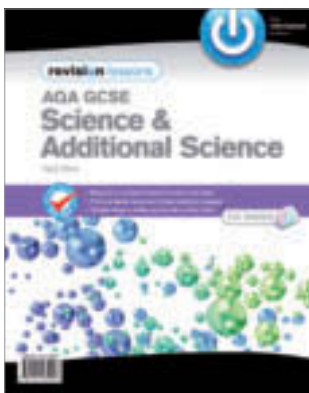
Practise Every Question in AQA GCSE Biology is an online subscription service, which will support your teaching and boost your students' grades. Written by leading examiners and authors Andrea Coates and John Mynett, it features graded responses to exam questions – one higher and one lower – with a mark scheme and expert advice on improving technique. In this way, your students can clearly assess how to get the grade they want.

With **Practise Every Question** you can:

- Work through questions in whole-class lessons from your whiteboard
- Share access to questions with your students to promote independent learning and self-assessment
- Customise your own playlists of questions to focus on areas where students can improve knowledge, understanding and exam technique

An online subscription for Biology, Chemistry, Physics and Science series available from £75.00 + VAT

Sign up for a free trial at www.practiseeveryquestion.co.uk



AQA GCSE Science Revision Lessons

SERIES

+ CD-ROM

Neil Atkin

This photocopiable pack and CD provide you with ready made, interactive revision lessons and materials to help your students revise effectively for their exams.

The pack includes lesson plans, teacher notes and engaging activities on all the key specification topics, plus a 'revision journey' so students can track their progress.

- Saves you time in the build-up to exams with planned lessons and resources on every key topic
- Includes podcasts, powerpoints, visual summaries and interactive activities to suit a range of learning styles
- A VLE-compatible CD gives your students and colleagues easy access to all the resources

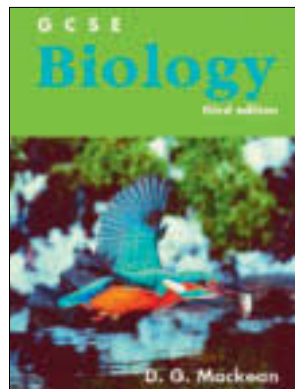
AQA GCSE Science and Additional Science Revision Lessons

9781444135053 • £125.00

Visit www.therevisionbutton.co.uk/revisionlessons to find out more, order and view sample material

See page 21 for **Friday Afternoon AQA GCSE
Science and Additional Science Pack**

www.hoddereducation.co.uk



GCSE Biology

THIRD EDITION

D G Mackean

For all students taking GCSE Biology and equivalent overseas examinations, this highly respected textbook from world-renowned expert author, Don Mackean, features a wealth of relevant material, and examination questions.

- Covers the six units required for GCSE Science
- Reflects the new emphasis on how science works

9780719586156 • 384pp • £20.99



WJEC GCSE Science and WJEC GCSE Additional Science

SERIES

eBook available

Adrian Schmit and Jeremy Pollard

These WJEC resources help students understand the importance and relevance of science in everyday life and include the key concepts they need to know for the WJEC GCSE Science/Additional Science courses.

These are also available as Welsh language editions.

These new books:

- Show your students how to evaluate evidence and draw conclusions from science practical experiments – important skills students need for exams
- Give different local examples so students can see the implications of science in everyday life
- Show the role of models and structures in science to help put the subject into context
- Contain numerous activities to make learning science fun

WJEC GCSE Science • 9781444124330 • 240pp • £17.99

WJEC GCSE Additional Science • 9781444124347 • 240pp • £17.99

WJEC GCSE Science Welsh Edition

9781444167153 • April 2012 • £17.99

WJEC GCSE Additional Science Welsh Edition

9781444167160 • July 2012 • £17.99

My Revision Notes: WJEC GCSE Science and WJEC GCSE Additional Science

NEW

SERIES

eBook available

Jeremy Pollard and Adrian Schmit

My Revision Notes: WJEC GCSE Science and Additional Science will give students guidance on how to approach their GCSE Science exams and help them to pace and plan their revision in a way that suits them.

Essential facts are carefully organised and each topic is covered in a double page spread to make revising easier.

- Essential facts are carefully organised and each topic is covered in a double page spread to make revising easier
- Quick-fire quizzes throughout, so students can check understanding in the run-up to the exams

WJEC Science My Revision Notes

9781444171709 • April 2012 • £7.99

WJEC Additional Science My Revision Notes

9781444171624 • July 2012 • £7.99

These titles are also available as eBooks, for more information on how to order please see page 1.



GCSE Biology for CCEA

NEW EDITION

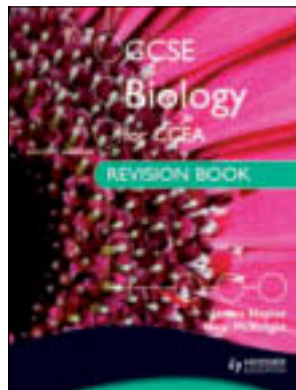
SECOND EDITION

Dr James Napier

Written by a senior examiner with substantial experience at this level, this brand new edition covers everything your students need for the Biology element of Double Award GCSE Science and Triple Award GCSE Biology. With a clear and lively presentation of key facts and information you will easily be able to hone in on the relevant Foundation, Higher and Triple Award material to clearly see what students need to learn to progress on the course.

- Endorsed by CCEA so you can trust that all the content your students need to pass their exam is included
- Numerous questions throughout reinforce your students' knowledge
- Past exam questions give students opportunities to practise and prepare for their exams
- Up-to-date weblinks help students discover more for themselves

Student's Book • 9780340983805 • 240pp • £19.99



GCSE Biology for CCEA Revision Book

NEW EDITION

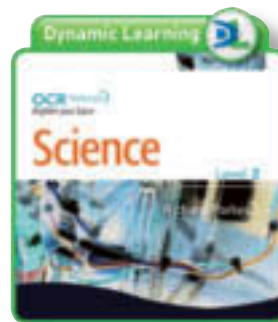
SECOND EDITION

Dr James Napier and Neal McKnight

Written by examiners to cover the new CCEA specification, this revision book will help your students fine tune their understanding and develop their examination technique. Using this book throughout the course will ensure they reach or exceed their target grades.

- Essential facts are carefully organised to help students revise effectively
- Examiner tips provide guidance on how students can improve their grades
- Sample questions and answers, allow students to check their understanding and find out where they can improve

Revision Book • 9781444172782 • 128pp • April 2012 • £10.99



OCR Level 2 Nationals in Science

Richard Parkes

About the author:

Richard Parkes taught at Kingshurst Academy, and is a chief co-ordinator for a major awarding body.

The book provides support to teach the OCR Level 2 Nationals in Science. The three compulsory units for pre-16 students are covered in the book: Best Practice in Science, Materials in Science, and The Science of the Universe and Humanity.

Key features:

- Provides support for both Certificate and Diploma students
- Includes background information as well as hints and advice to help students find out more for themselves
- Contains suggested tasks to help students build up their portfolios of evidence
- Defines learning outcomes throughout
- Aim higher suggestions for Merit and Distinction candidates
- Highlights the importance of science in the world of work to help your students understand the relevance of their course

OCR Level 2 Nationals in Science Dynamic Learning

Richard Parkes

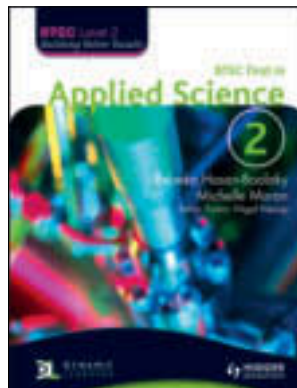
Dynamic Learning offers a range of tools that will support your students through this course, providing starting points for their research and portfolios of evidence.

- Send resources and lessons to your VLE at the click of a button
- Contains background information for research
- Includes a wide range of worksheets, which students can use as part of their portfolios of evidence
- Clear instructions on the skills needed to understand and learn standard procedures in Science

Student's Book • 9781444109559 • 168pp • £14.99

Dynamic Learning • From £125.00 + VAT

Sign up for a free trial at www.dynamic-learning.co.uk



See page 21 for **Friday Afternoon BTEC First Applied Science Pack**

BTEC Level 2 First in Applied Science

eBook available

Rebeka Hasan, Michelle Moran

Series Editor: Nigel Heslop

Written by experienced teachers who have a proven success teaching BTEC and a clear understanding of how the new syllabus should be taught, these Student's Books include exactly what you need to cover the new Level 2 BTEC course.

Task-based and broken down into manageable chunks with practical tips, these resources provide a structured route to developing your students' assignments so they understand exactly what to do to get the results.

- 'Background knowledge' of Key Stage 3 Science reminds students of the key elements of each topic they need to learn to move on to the next level
- The 'Essential Science for...' section gives students ideas, worked examples and practical tips for how to tackle the upcoming tasks
- Step-by-step tasks give clear progression for each assignment to help students understand how to progress from Pass, Merit and Distinction

BTEC Level 2 First in Applied Science Dynamic Learning

Dynamic Learning is an online service that makes teaching and learning easier. Combine your trusted resources with our quality content and tools to create outstanding lessons.

- Send resources and lessons to your VLE at the click of a button
- Advice on assignments and grading criteria
- Detailed teacher notes define learning outcomes
- Answers to questions from the book for quick reference

Student's Book 1 • 9781444108040 • 192pp • £15.99

Dynamic Learning Teacher Support 1

9781444118124 • From £125.00 + VAT

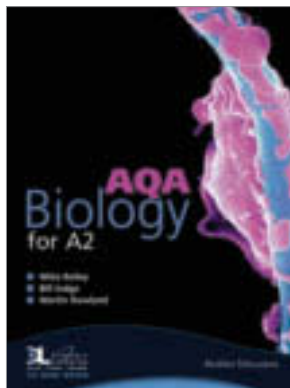
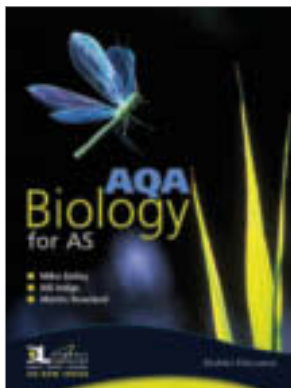
Student's Book 2 • 9781444112092 • 144pp • £15.99

Dynamic Learning Teacher Support 2

9781444120509 • From £125.00 + VAT

Sign up for a free trial at www.dynamic-learning.co.uk

These titles are also available as eBooks,
for more information on how to order
please see page 1.



AQA Biology for AS and A2

SERIES

eBook available

Mike Bailey, Bill Indge, Martin Rowland

Tailored precisely to the revised specification, the Student's Book provides both quick test yourself questions and analysis exercises. These analysis exercises give practice in investigating biological problems and 'How Science Works', to support investigative and practical skills assessments.

The Student's Books:

- Written by an examining team, ensuring outstanding support for the specification
- Analysis activities provide practice in investigating biological problems and address the new investigative skills assessments, as well as 'How Science Works'
- Extended chapter openings show how biologists tackle scientific problems, providing a stimulating context and plenty of 'How Science Works' examples

Dynamic Learning:

With **Dynamic Learning**, it is easy to create and deliver outstanding lessons. You can combine your trusted resources with our content and upload to your VLE at the click of a button.

Includes:

- Personal Tutor presentations to show students the key skills and techniques needed to pass their exams
- Fully editable application files for structured tasks and project work
- Extensive interactive quizzes to test and consolidate learning

AQA Biology for AS Student's Book

9780340945995 • 240pp • £22.99

AQA Biology for A2 Student's Book

9780340946190 • 276pp • £22.99

AQA Biology for AS Dynamic Learning

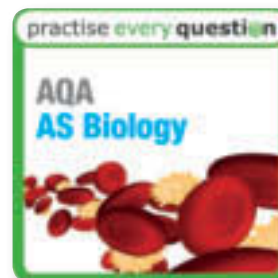
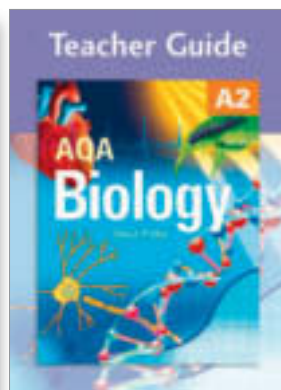
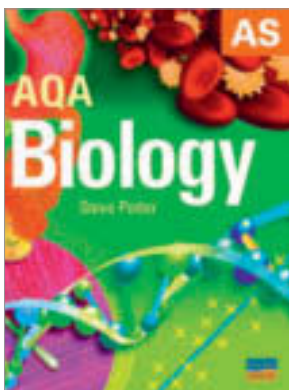
From £175.00 + VAT

AQA Biology for AS Dynamic Learning

From £285.00 + VAT

Sign up for a free trial or buy at www.dynamic-learning.co.uk

These titles are also available as eBooks, for more information on how to order please see page 1.



AQA AS and A2 Biology

SERIES

eBook available

Steve Potter

Comprehensive, accessible and exam-focused coverage of the AQA AS and A2 specifications, make these texts essential reading for all AQA biology students.

- Integrated material on 'How Science Works' throughout the text
- Questions and worked examples with invaluable examiner advice

AQA AS Biology • 9780340957646 • 312pp • £21.99

AQA A2 Biology • 9781844892181 • 312pp • £22.99

AQA AS and A2 Biology Teacher Guide

+ CD-ROM

Steve Potter

Each Teacher Guide provides answers and mark schemes to all the questions set in the textbook, with detailed explanations where appropriate.

AQA AS Biology Teacher Guide • 9780340957653 • 109pp • £69.99

AQA A2 Biology Teacher Guide • 9780340957660 • 80pp • £69.99

Practise Every Question in AQA AS and A2 Biology

NEW

Practise Every Question is an **online subscription service**, which will support your teaching and boost your students' grades. Written by leading examiner and author Martin Rowland, it features graded responses to exam questions – one higher and one lower – with a mark scheme and expert advice on improving technique. In this way, your students can clearly assess how to get the grade they want.

The bank of questions is updated annually, ensuring you have an ever-increasing range of relevant question practice.

With **Practise Every Question** you can:

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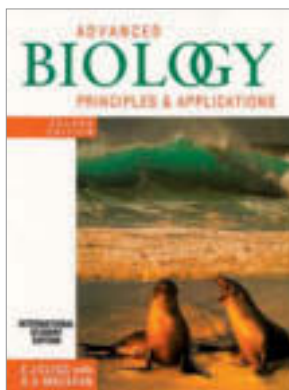
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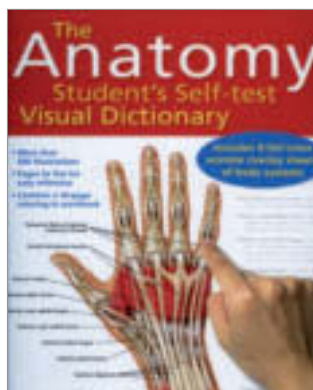
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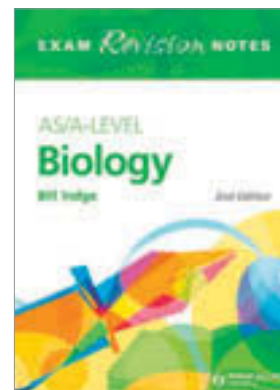
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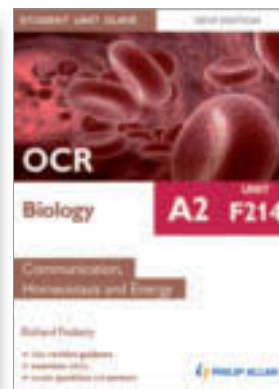
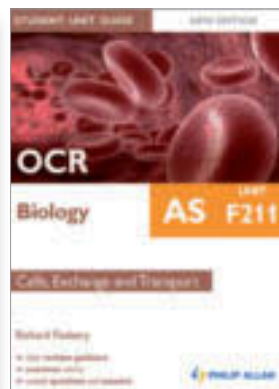
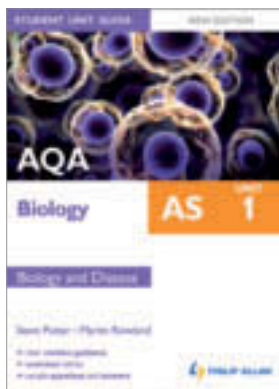
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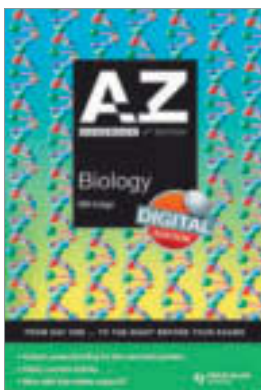
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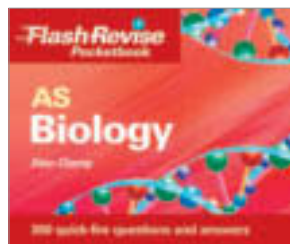
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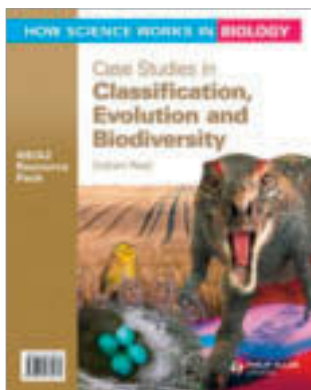
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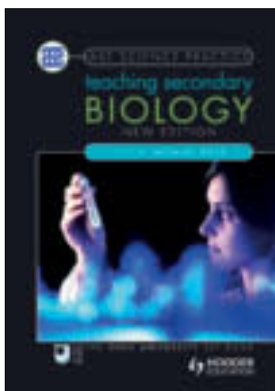
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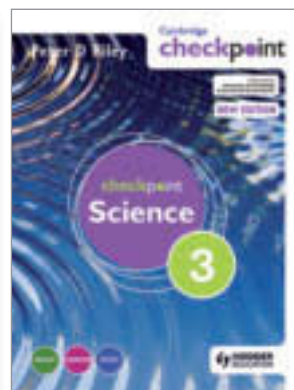
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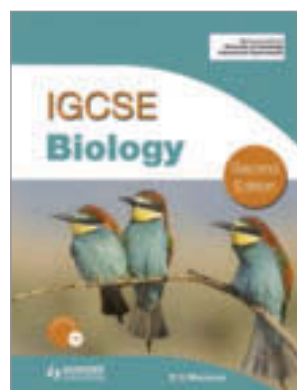
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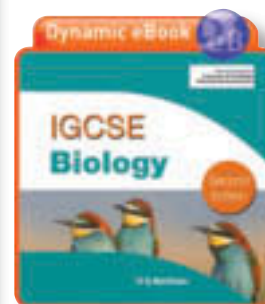
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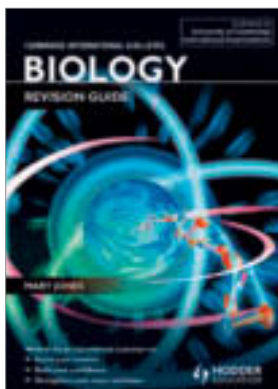
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