

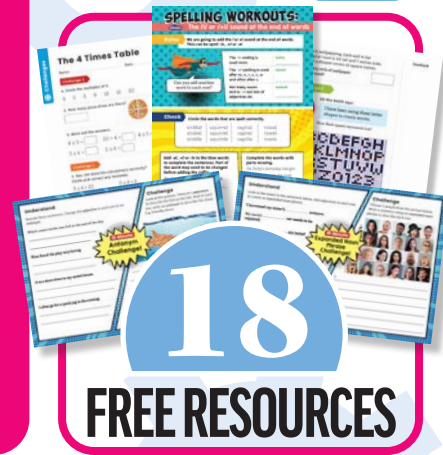
VISIT [TEACHWIRE.NET/SECONDARY](https://www.teachwire.net/secondary)

teach

TRIED AND TESTED

BROUGHT TO YOU BY

teach
co



Quality reviews for teachers by education experts

THE BEST EDUCATION RESOURCES

REVIEWED IN DETAIL

PLUS NOTES

*"Affordable, flexible,
up-to-the-minute and
quality PSHE toolkit"*

SPEED LEARNING

Deliver massive
reading age gains

**DISTANCE
TEACHING
MADE
EASY**

Including

Science

Maths

English

EdTech

STEM

PSHE

RE



Keep students motivated



Keep students practising

Oxford Revise guides ensure students are thoroughly prepared during each step of their learning journey and confidently continue their studies.

The Oxford Revise app is also available for AQA GCSE Sciences.

Easy-to-use, low-stakes quizzes to lock in knowledge and identify next-step learning.



Knowledge, retrieval and practice in one convenient book



Keep students progressing

OXFORD
Revise

Revision & Practice

"Looks to be a brilliant resource. I'll be recommending them to my A-level students"

Head of Science



"My Year 13 were very excited when I showed them a copy"

Head of Science



www.oxfordsecondary.com/oxfordrevise

OXFORD

FROM THE EDITOR

“Welcome...”



Well we've made it through to the summer term and it stretches out before us.

We are still having to deal with the Covid-19 pandemic but restrictions are being eased across the country. Hopefully, we will be able to follow the government's road map out of the crisis without having to pull into any laybys! I've had my first vaccination jab and I am looking forward to returning to some form of 'new normal'. Although the vaccination is no guarantee of plain sailing ahead. The rise of new variants and local outbreaks could still throw a spanner into the works. However, the last 12 months have taught us an awful lot and we are now more prepared than ever to face what comes our way.

With most pupils back in the classroom it is going to be a time of reflection and looking ahead. What needs will have to be met, how can you best approach any problems and what resources can make life easier for you and your pupils?

In this special issue, we take a look at some of the best education resources on the market and provide detailed reviews. From Science to PSHE we've got it covered.

Given the importance of the maths GCSE for post-16 options and national comparisons, your school will be doing plenty to focus on this subject already – and perhaps discovering that some resources aimed at improving student engagement with maths are more successful than others. We take a look at White Rose Maths Secondary Resources, including their new Flashback 4 offer which is a scintillating collection of rapid questions covering content from previous lessons and topics which are a great way to recap, revisit and retrieve essential skills.

In recent years, there's been growing recognition of the importance that science, technology, engineering and maths knowledge will play in tomorrow's jobs market and wider economy – so much so, that solutions specifically aimed at boosting students' 'STEM' skills now constitute a separate category of their own.

We take a look inside Forces of Nature: The Women Who changed Science, an ideal resource for KS3 and KS4 science and STEM students by Anna Reser and Leila McNeill.

Enjoy the issue,

Mark Hayhurst
mark.hayhurst@theteachco.com

Useful names and numbers



Group editor: Joe Carter

Editor: Mark Hayhurst,
mark.hayhurst@theteachco.com, 01206 508618

Head of commercial solutions:
Richard Stebbing

Advertising manager: Ria Bentham,
ria.bentham@theteachco.com, 01206 505240

Deputy advertising manager: Louis Stephenson
louis.stephenson@theteachco.com, 01206 5054777

Account manager: Demi Maynard,
demi.maynard@theteachco.com, 01206 505962

Account manager: Ashley Lower,
ashley.lower@theteachco.com, 01206 505926

Art editor: Rick Allen

Designers: Ben Kemp, Clare Brasier

Photography: CLiQQ Photography
cliqq.co.uk

Accounts: 01206 505995

Design & reprographics: Ace Pre-Press
01206 508608

Customer services:
aceville@dtmedia.co.uk, 0800 904 7000

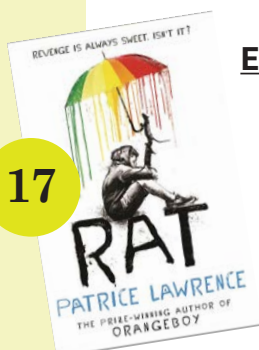
Publisher: Helen Tudor

Published by: Maze Media (2000) Ltd,
25 Phoenix Court, Hawkins Rd, Colchester, Essex, CO2
8JY. Tel: 01206 505900

KEEP IN TOUCH!

Sign up for the weekly TS newsletter at teachwire.net/newsletter

Essential reading:



17

Exhilarating reads

Perfect for language analysis and book club discussions



21

Maximising learning potential

A multi-tasking gooseneck camera

31

Women at the centre of science



How women scientists shaped key cultural moments in history



Science

6 FREE RESOURCES

- Safe and purposeful science experiments (KS3)
- The chemistry of air pollution (KS4)
- The science of colours and emotion (KS4)

7 OXFORD REVISE: A LEVEL SCIENCES

The ultimate evidence-based revision guides ensuring maximum learning gains

9 ROYAL SOCIETY OF CHEMISTRY - TEACH CHEMISTRY SERVICE

Packed with fabulously enriching resources for igniting interest

Maths

10 FREE RESOURCES

- Area of a circle (KS3)
- Square numbers (KS4)
- Algebra and the mechanics of number tricks (KS4)

13 WHITE ROSE MATHS SECONDARY RESOURCES

Game-changing resources with active maths learning at their heart

English

14 FREE RESOURCES

- Expand those vocabularies (KS3)
- Language analysis and critical writing (KS3)
- Approach unseen poetry with confidence (KS4)

15 4 REASONS TO TRY LEXONIK ADVANCE

The solution to closing reading and vocabulary gaps

17 SUPER-READABLE ROLLERCOASTERS FOR KS3

Exhilarating reads perfect for language analysis and book club discussions



EdTech

19 RADIX TEACHERVIEW

The classroom management solution every school needs

21 HUE HD PRO VISUALISER AND DOCUMENT CAMERA

A multi-tasking gooseneck camera that's easy to use and very functional

23 SKILLS BUILDER HUB

A complete framework to help students develop the essential skills, experiences and aspirations they will need to succeed

RE

24 FREE RESOURCES

- Is religious hatred comparable to racism? (KS3)
- Today's spiritual landscape (KS3)
- A class debate to which everyone's invited (KS4)

27 EDUQAS GCSE RELIGIOUS STUDIES

Supports effective study for a positive impact on students' learning

29 AQA GCSE RELIGIOUS STUDIES WORKBOOKS

Write-in workbooks for religious studies students with everything they'll need ahead of their exams

STEM

30 FREE RESOURCES

- Using spreadsheets to teach computational thinking (KS3)
- Biomimetics and why nature often has the answer (KS3)
- The functions of packaging (KS4)

31 4 REASONS TO TRY FORCES OF NATURE: THE WOMEN WHO CHANGED SCIENCE

An ideal resource for KS3 and KS4 science and STEM students

33 PYTHON IN PIECES

Navigate the learning gap between block-based and text-based Python coding



PSHE

34 FREE RESOURCES

- Consent in the classroom - preparations and responsibilities for teachers
- #nofilter (KS3)
- STIs and relationships (KS4)

37 EXPLORE PSHE FOR KEY STAGE 3: BOOST

The Boost platform offers a digital student book and specialist teaching, learning and assessment resources

39 CHAMELEON PDE

Specialists in health and wellbeing, citizenship, PSHE and personal development education

SPOTLIGHT ON: Science

A core subject that presents its own unique set of teaching challenges – but also huge scope for inspiring and unforgettable lessons

KNOWLEDGE, RETRIEVAL, PRACTICE

Maximise learning efficiency with Oxford Revise

THE RIGHT FORMULA

How the RSC's Teach Chemistry service can help you become a better practitioner



**FREE SCIENCE RESOURCES
FOR YOUR SCHOOL**

SAFE AND PURPOSEFUL SCIENCE EXPERIMENTS (KS3)

Students are introduced to the excitement of experimentation, and the role experiments play in discovering and verifying scientific information. They will learn how to carry out experiments safely, and how to obtain information from an experiment that supports or refutes a hypothesis. Pupils will also learn about techniques for analysing information, such as creating tables and plotting graphs, and

how to use computer equipment, such as a data logger.

DOWNLOAD AT bit.ly/ttt-science1

THE CHEMISTRY OF AIR POLLUTION (KS4)

Students examine theories of how oxygen levels increased over time to produce air that is breathable today, and how carbon dioxide has decreased to less than one per cent. The greenhouse effect and greenhouse gases will be discussed and explored using engaging experiments, and students are encouraged to reflect on the scale, risk and environmental implications of global climate change.

DOWNLOAD AT bit.ly/ttt-science2

THE SCIENCE OF COLOURS AND EMOTION (KS4)

Why do we feel 'blue' when we are sad? Why does red arouse feelings of anger? In this lesson, KS4 students will get to explore the complex relationships between colour, light and imagination by studying the physics of light, the chemistry of colour, and the biology that governs the workings of our imaginations.

DOWNLOAD AT bit.ly/ttt-science3



SCIENCE

Oxford Revise: A Level Sciences

The ultimate evidence-based revision guides ensuring maximum learning gains

AT A GLANCE

- A science revision series based on the principles of cognitive science
- 3 AQA Revision Guides: Biology, Chemistry and Physics
- 3 OCR Revision Guides: Biology A, Chemistry A and Physics A
- Easy to use Knowledge Organisers
- Retrieval questions for improving long-term retention
- Extensive exam-style question practice with hints and tips for revision and exams

REVIEW BY JOHN DABELL



If students want to study effectively in order to master knowledge and skills then we have to plug them into what works. This is where the Oxford Revise comes in as their approach is based on the science of learning and the three underappreciated but simple steps of Knowledge, Retrieval and Practice.

Although basic cognitive research is being applied in the classroom, by many teachers, it has mutated and is also being misapplied.

This is why Oxford Revise is super-additive, as you know that what your students are getting will help them maximise their learning efficiency.

The books all share the same essential infrastructure in terms of layout, design and approach and the production values are top-notch.

They start by helping students understand the principles of successful revision, what strategies will be used and how these mesh together. There is little doubt that students will quickly make the 'Knowledge, Retrieval and Practice' process part of their revision narrative and appreciate the connections and synoptic links.

The contents of each book are expert-driven and deadly in their detail. They are also presented with real care and attention to usability, so they aren't stuffy or dry but vibrant, exciting and inviting.

The Knowledge sections of each chapter begin with knowledge organisers which clearly present key information in an easy to understand format connecting concepts and helping students see how things fit.

The Retrieval pages use short questions to

test knowledge recall. The idea is that students read the question and corresponding answer and then cover up the answers to test themselves. Also included are Skills boxes which cover knowledge and understanding from a required practical or a key maths skill. These are presented as a worked example with further practice questions.

What you get from these high-quality books is plenty of SLOP – sheds loads of practice – and that's important for being able to focus on the interesting and more in-depth concepts and topics. All the practice pages in the books follow an exam-style approach and cover every eventuality including practical skills, maths skills and data analysis and evaluation competencies.

There are exam tips peppered throughout the books that point students in the right direction and get them thinking like learning professionals.

At the end of the books you will find required practicals and synoptic links, multiple-choice questions, data booklet and periodic table. Free online copies of the books are also available and how to access these can be found inside each title.

Everything about these books seems to flow. They are geared up for success and they are carefully calibrated for purposeful revision practice that reach the brain other revision guides just don't.

Oxford Revise is a quality, affordable and cognitively classy series that takes revision to a whole new level of understanding. They are masterful in their execution and integrate study techniques that accelerate learning.



teach
SECONDARY

VERDICT

- ✓ Bridges the gap between research and practice in science teaching and revision
- ✓ Takes the stress out of studying by building learning that sticks
- ✓ Helps students segment, sequence and conquer
- ✓ Promotes deep learning, creates learning events and meaning making
- ✓ Ideal for keeping knowledge fresh and for pushing into long-term memory
- ✓ Breeds success and supercharges motivation

UPGRADE IF...

you are looking for a series of revision books that will help students become learning scientists and clued-up science learners.
Cost: £20 per title.

For further information visit www.oxfordsecondary.com/oxfordrevise

Teach Chemistry

Engage, inspire and connect

Signing up to **Teach Chemistry** gives you access to a wide range of support to help you engage your students

- Online quizzes to help you bridge the knowledge gap
- Newsletters to let you know about events and opportunities
- Free print copy of every *Education in Chemistry* magazine issue
- Free Royal Society of Chemistry membership for your school's lead contact

Find out more and sign up at
edu.rsc.org/teach-chemistry

SCIENCE

Royal Society of Chemistry – Teach Chemistry service

Packed with fabulously enriching resources for igniting interest, nudging understanding and inspiring interaction

AT A GLANCE

- exclusive chemistry resources, lesson plans, events, funding and discounts
- access to online professional development courses and Regional Education Coordinator support
- invitations to exclusive local events
- national and regional newsletters
- includes a free bi-monthly Education in Chemistry magazine

REVIEW BY JOHN DABELL



Inspirational teaching begins with teachers with a passion for their subject. But it comes from other places too, which is why support from a subject society is an absolute essential for any specialist teacher.

If you are a chemistry teacher or technician then can I urge you to waste no time whatsoever and sign up for Teach Chemistry membership, offered by the esteemed Royal Society of Chemistry. There is no charge and there is no limit on the number of people from your school who can join.

This is the place to help you deliver inspiring lessons and create an effective and enabling department at your school. Teach Chemistry do this by focusing their support on eight themes of good practice, four within the classroom and four within your department. This in itself is impressive and has been carefully thought through.

For the classroom, Teach Chemistry wants to support colleagues to feel confident in class, feel confident in providing high-quality and meaningful practicals, make chemistry relevant to students and to give them all equal opportunities to learn.

To make this happen, membership of Teach Chemistry includes access to a Curriculum Explorer, an expansive collection of useful resources mapped to the curriculum so you can find the resources you need.

Beyond this, there are over 1,000 resources elsewhere to discover, including plenty of online quizzes, screen experiments, practical videos, interactive simulations, practical handouts and worksheets.

Delve further and you will find remote teaching and post-lockdown teaching support, starter activities, classic experiments and demonstrations, global experiments, investigative projects, challenges, competitions, special projects, cross-curricular chemistry, links to research, recommendations and quality benchmarks.

For nurturing a supportive and successful department, Teach Chemistry will help you to create a culture of open communication and collaboration, promote staff wellbeing, explore development opportunities and build links within and beyond your school.

To bring these things about, Teach Chemistry provides an online area for easily sharing resources, complimentary Royal Society of Chemistry membership for one staff member to provide access to member-only wellbeing events and career advice, free professional development courses and the opportunity to apply for up to £700 to organise your own local chemistry event.

Their on-demand professional development offer gives free access to nine courses, designed to give an in-depth understanding of key concepts in teaching chemistry.

This is an incredibly rich mixture of digital assets and paper-based resources that are truly supportive of everything you are doing in and out of the class. Become a member and you also get a Welcome Pack with three classroom wall charts, a periodic table poster, lanyard and some information cards with top tips for getting the most out of your membership. This is a goldmine.

teach
SECONDARY

VERDICT

- ✓ Support and enrichment personified
- ✓ A time-saver, workload wonder and wellbeing friend
- ✓ Packed with fabulously enriching resources for igniting interest, nudging understanding and inspiring interaction
- ✓ A magnificent source of ideas and inspiration for improving your own provision
- ✓ A real treasure trove of expert advice, ready-to-use resources and links galore

UPGRADE IF...

you want to deliver high-quality, engaging chemistry lessons within a supportive science department, stay at the forefront of your profession and be part of a vibrant, diverse and dynamic professional community. The Teach Chemistry service is completely free to schools.

For further information contact edu.rsc.org/teach-chemistry

**The UK's no.1 selling scientific calculator
just got better.**

Same functionality, better technology.



fx-83GT X and fx-85GT X

Read the full specifications and download resources at
education.casio.co.uk/products/gtx

SPOTLIGHT ON: Maths

Given the importance of the maths GCSE for post-16 options and national comparisons, your school will be doing plenty to focus on this subject already – and perhaps discovering that some resources aimed at improving student engagement with maths are more successful than others

THE MEANING AND THE METHOD

Boost your students' engagement and enthusiasm levels with White Rose Maths



**FREE MATHS RESOURCES
FOR YOUR SCHOOL**

AREA OF A CIRCLE (KS3)

When a goat is tethered to a shed, how much of the surrounding area can they reach? We look at how this presents a rich scenario for exploring circle area calculations, centring on the length of the rope. As the rope gets longer and starts to snag on the corners of the shed, students will have to think hard in order to work out the locus and calculate the amount of accessible grass.

DOWNLOAD AT bit.ly/ttt-maths1

SQUARE NUMBERS (KS4)

In this lesson, students examine how square numbers, and sums and differences of square numbers, relate to multiples of 4. Modulus arithmetic isn't used explicitly, but students are encouraged to make conjectures about what is possible, and prove these using simple algebra. The lesson offers many opportunities for surprise, and scope for students to see the power of algebra in establishing with certainty what must always happen for all numbers, however large they are.

DOWNLOAD AT [BIT.LY/TTT-MATHS2](https://bit.ly/ttt-maths2)

ALGEBRA AND THE MECHANICS OF NUMBER TRICKS (KS4)

This lesson begins with a number trick performed by the teacher; students then use algebra to make sense of it. Along the way, they'll be tasked with exploring the mechanics involved and experimenting with a series of different numbers, all in the service of showing conclusively how and why the trick works. The lesson provides an opportunity to work on expanding brackets and simplifying algebraic expressions.

DOWNLOAD AT [BIT.LY/TTT-MATHS3](https://bit.ly/ttt-maths3)



SECONDARY PREMIUM RESOURCES FROM

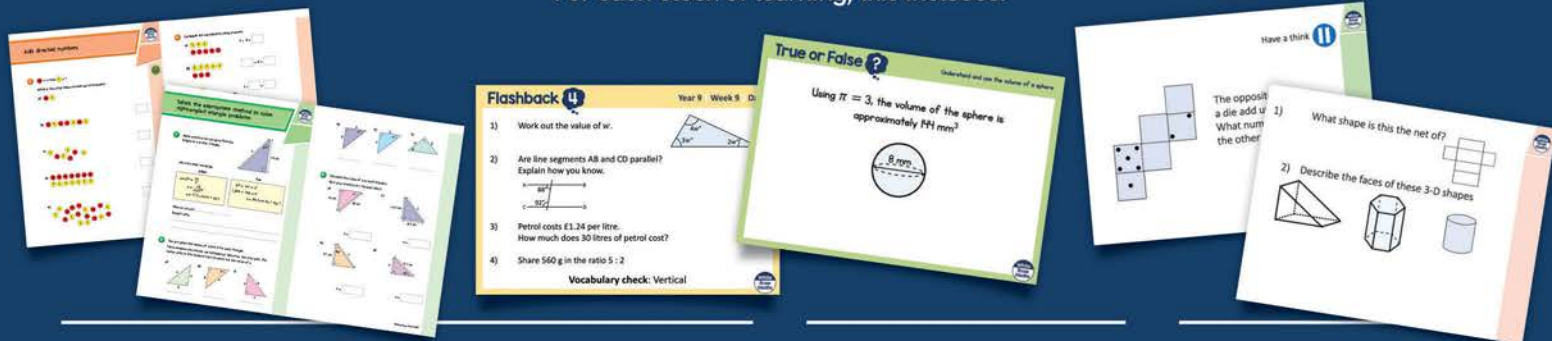
White
Rose
Maths

At White Rose Maths, our mission is to make every teacher of maths, a world-class teacher of maths!

With 80-90% of primary schools using our materials, we're now focused on building on this foundation for secondary schools and students. Our Premium Resources are a low cost, subscription-based range of materials that have been written to support teachers, schools and parents who want purposeful practice questions to go alongside our schemes.

PREMIUM RESOURCES PACKAGE

By the end of June, our Premium Resources will be completed and available for Years 7-11!
For each block of learning, this includes:



WORKSHEETS

A worksheet for each small step in our Schemes of Learning, available in three formats:

- ✓ a printable version for students to write on
- ✓ a display version to project for a whole class to see and work on in their books, or to share one between two (Years 7 & 8 only)
- ✓ a PowerPoint version so you can work through questions individually or incorporate them into your lesson planning.

FLASHBACK 4 STARTERS

Flashback 4 starters – a series of quick questions using the principles of spaced learning to recall the appropriate concepts:

- ✓ The first question is likely to be something students did in the previous lesson
- ✓ The next question is something they did last week, to keep that ticking over
- ✓ The third and fourth questions are related to concepts they studied last month, or maybe much earlier in the year (or even last year).

TRUE OR FALSE QUESTIONS

True or False questions – perfect to check that content has been embedded.

- ✓ Ideal as a lesson starter to get your class thinking
- ✓ Encourage recap and discussion
- ✓ Follow the WRM Schemes of Learning.

TEACHING SLIDES

Access to the PowerPoint Slides we used to create our free Home Learning videos.

Perfect for presenting a topic in class, as an alternative to using the Home Learning video.

Our Home Learning videos are free to access, covering every small step in our SOL. They fit perfectly alongside our worksheets.

School subscriptions start at only £150
for 12 months access!

To find out more about our Premium Resources Subscription visit www.whiterosemaths.com

 facebook.com/whiterosemaths
 [@WRMathsSec](https://twitter.com/WRMathsSec)



White Rose Maths Secondary Resources

Game-changing resources with active maths learning at their heart



AT A GLANCE

- A portfolio of maths resources for secondary learners
- Vibrant new content designed with accessibility in mind
- Free schemes of learning, assessments and various classroom essentials
- New premium materials available to schools
- Free remote learning videos ideal for guided home maths mastery

REVIEW BY JOHN DABELL



There is already a bewildering array of maths resources available online of varying quality, which is potentially confusing to teachers and learners.

But there are some stand-out beacons of brilliance and White Rose Maths is definitely one of them. It is learner centred, assessment centred and community centred. It feels like a maths family. Maths resources have to be student-centred and start from where the students are. White Rose does this brilliantly as their resources really get into the mindset of the students and are written to meet their needs.

Different types of maths work benefit from a specific methodology and as such the tools and approaches you select need to gel. White Rose Maths deliver by offering full schemes of learning for Years 7-11. Exemplar questions and low attainer guidance is included within each block.

Their premium resources are well worth investing in with a range of materials to go alongside the schemes. This low cost subscription gets you access to a plethora of worksheets for every small step in the schemes and these come in two formats with a printable student version and a PowerPoint version.

I'm excited about their Flashback 4 offer which is a scintillating collection of rapid questions covering content from previous lessons and topics which are a great way to recap, revisit and retrieve essential skills.

To help kick-start thinking and discussions further there are true or false questions. These are all well designed, colourful and uncluttered, making them very user-friendly.

I get the distinct impression that the resources have been developed from the best available research evidence on common misunderstandings in maths, effective diagnostic questioning and formative assessment, constructivist approaches to building understanding and effective sequencing of key concepts. The end of block assessments certainly help you see where the gaps are and these are being added to all the time.

Another feature, the Home Learning Videos, is a blended learning resource that is now deemed essential for every school. These free video lessons are for Years 7-9 and are designed to support teachers and parents whether in lockdown learning mode or otherwise.

These are a lifeline for parents to support guided home learning. The videos are short and succinct and provide plenty of practice. They are clearly explained, upbeat and provide lots of opportunities for thinking and taking small achievable steps. The teaching slides used to produce each video are also available for teachers to download, allowing them to present to their own class using the slides. Accompanying workbooks (printed versions of the premium worksheets) can be purchased that align to each video lesson.

Resource utilisation is ensuring that the right resources are available to support your strategic maths goals. The best resources constantly evolve and change according to user needs and so White Rose is collaborating with Collins to produce new textbooks and guides for KS3. Book 1 is available, with 2 and 3 to come soon.

**teach
SECONDARY**

VERDICT

- ✓ Game-changing resources with active maths learning at their heart
- ✓ Every resource has been carefully crafted to help develop confident and capable mathematicians
- ✓ Offer appropriately-sequenced steps for learning progression
- ✓ Supremely diagnostic and helps reveal preconceptions and common misunderstandings
- ✓ A healthy bank of response activities to challenge misconceptions and encourage conceptual development

UPGRADE IF...

you are looking for finger on the pulse and pin-sharp resources to support children in their maths journeys at home and school. Cost: annual access starts from £150 for schools (1-10 users) and £19.99 for individual teachers.

For more information contact support@whiterosemaths.com or call 01422 433 323

SPOTLIGHT ON: English

Thanks to electronic media, there's a chance that students will be reading more text than ever – making it important to help them expand their vocabulary, express themselves effectively in writing and encourage their reading skills

SPEED READING

Deliver reading age gains of 27 months in just six sessions with the help of Lexonik Advance

STRAP IN

Immerse your learners in the compelling stories served up by Super-Readable Rollercoasters



**FREE ENGLISH RESOURCES
FOR YOUR SCHOOL**

EXPAND THOSE VOCABULARIES (KS3)

How can we improve the breadth of vocabulary that students have at their disposal, in order to enhance their writing? How can we ensure that learners are fully engaged in the process of self-consciously crafting their own language? The ideas in this lesson will provide a starting point for activities that will extend the breadth of

language for our students across time – right from the start.

DOWNLOAD AT bit.ly/ttt-english1

LANGUAGE ANALYSIS AND CRITICAL WRITING (KS3)

Pupils often struggle with the concept of 'analysing language' or pinning down the elusive 'effect of the word or phrase'. By teaching students to write critically, actively choosing the words they employ as they go, we can begin to demystify the term. This lesson uses a clip linked to the theme of Lord of the Flies as a dystopian novel.

DOWNLOAD AT bit.ly/ttt-english2

APPROACH UNSEEN POETRY WITH CONFIDENCE (KS4)

Working in pairs and groups, this KS4 English lesson engages students' abilities to sequence poetry text, make and justify proposals and compare texts in terms of structure and meaning. Above all, however, it's a lesson intended to encourage participation. Pupils are presented with the lines of a poem arranged in an incorrect order, and have to find a more satisfactory sequence, justifying their choices as they go.

DOWNLOAD AT bit.ly/ttt-english3



4 REASONS TO TRY... Lexonik Advance

The solution to closing reading and vocabulary gaps with reading age gains of 27 months in just six sessions (verified by Northumbria University, 2015)

1 STUDENT PROGRESS

With average reading age gains of plus 27 months in just six one-hour lessons no other programme makes such an impact in such a short space of time – verified in an independent study by Northumbria University and the progress scores of over 70,000 students.



understanding beyond the intervention sessions.

2 SUSTAINABLE CATCH UP INTERVENTION

Lexonik Advance trains learners to develop phonological awareness, decoding skills and links between unknown words using common prefix, root word and suffix definitions, ensuring students have the skills to apply their improved reading strategies and vocabulary

3 FOR ALL AGES AND ABILITIES

Lexonik Advance closes the gaps and guarantees progress for ALL learners regardless of age or ability. Delivered in a 1:4 ratio and leveraging metacognition, repetition, decoding and automaticity over just six one-hour sessions.

4 BY TEACHERS, FOR TEACHERS

Created by expert teachers in the field of reading, phonics, spelling and dyslexia. Teachers are trained to deliver the programme, over two days, ensuring sustainability within your school. Upskilling staff resulting in short-term intervention but sustained gains.



Contact:

Find out more at lexonik.co.uk or get in touch at +44 1642 424298 or enquiries@lexonik.co.uk

Review by John Dabell

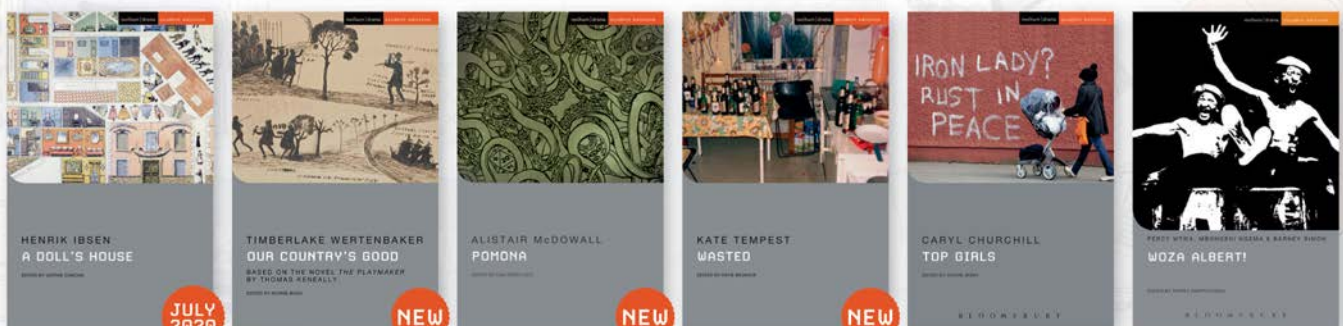
Lexonik Advance is a multi-sensory literacy intervention programme offering an engaging, fun and focused way of raising achievement and improving outcomes.

I'm hooked on this resource because it is based on the cognitive science of successful learning. It incorporates the elements spaced learning and retrieval practices, and develops automaticity through repetition and speed of delivery.

methuen | drama

Methuen Drama Student Editions

Expertly annotated texts of modern and classic plays designed for GCSE/A Level students' study and revision



Each Methuen Drama Student Edition offers the complete text of the play as well as contemporary commentary, written by experts in the field, that provides students with an in-depth look into the background, themes and history of the play.

Order your class set of 10 or more and get 20% off!

bloomsbury.com/student-editions

Super-Readable

ROLLERCOASTERS

IN ASSOCIATION WITH
Barrington Stoke

COMING
JULY
2021



OUT
NOW!



- ✓ Exciting and accessible fiction for KS3/11-14
- ✓ Written by award-winning authors
- ✓ Includes reading notes and a free online resource pack

Developed in partnership with Barrington Stoke, the experts in producing accessible fiction.

ENGLISH

Super-Readable Rollercoasters for KS3

Exhilarating reads perfect for language analysis, book club discussions and sharing at home



OXFORD
UNIVERSITY PRESS

AT A GLANCE

- A new series of short and impactful fictional stories designed for maximum engagement
- Themes matched to the reader's age
- Expertly crafted to remove barriers to comprehension
- Written by bestselling and award-winning authors
- Accessible layouts and spacing with a dyslexia-friendly font to make reading easier

REVIEW BY JOHN DABELL



Free voluntary reading builds empathy, improves wellbeing and plays a significant role in helping students to reduce the word gap. However, many students may have read less for pleasure during lockdown and so these gaps will have widened.

So how do we make reading an experience that is actively sought out by frustrated tween and teen readers?

Well, steering them in the direction of an exciting new collection called Super-Readable Rollercoasters is a sure-way to strengthen reading identities, self-concept and motivation.

These are books written by amazing authors and cover topics and issues which readers can make personal or emotional connections with. Titles span from powerful historical tales of football, friendship and loyalty, to riveting contemporary stories of bullying, community, revenge, loneliness and growing up.

What makes these books so readable is their shorter length which allows students to build their stamina and confidence.

The stories are all extremely well-told with 'edge-of-your-seat' chapters full of short and punchy sentences and lots of dialogue that keep interest levels high. They are highly readable with realistic and three-dimensional characters that readers care about and convincing texts with very exciting storylines.

These are 'hi lo' books which means they are expertly matched to the age of the reader not a reading level and so the text is edited to suit a

lower reading age. They will appeal to both fluent readers as well as reluctant readers.

What you won't find in these books are lots of superfluous and unnecessary words that get in the way of understanding and enjoyment, yet at the same time they still offer challenge.

There are five titles currently available with a sixth on its way later this year and include top authors such as 2020 Carnegie Medal winner Anthony McGowan, Phil Earle and Michael Wagg, Tanya Landman, Patrice Lawrence, Marcus Sedgwick and Sally Nicholls.

These books don't stop there though as they include fascinating author interviews with background information and writing inspiration, including probing questions, quick quizzes, word lists and suggestions for what to read next. These are perfect for language analysis, book club discussions and for sharing at home.

These exhilarating reads will have a positive impact on reading attainment and writing ability, text comprehension and grammar, breadth of vocabulary, positive reading attitudes and reader self-confidence.

Free online teaching resources accompany all the titles in this controlled-readability series via a teacher resource pack which is freely downloadable. This series is full of editorial sensibility and great design and is a magnificent collaboration between Oxford University Press and award-winning publisher Barrington Stoke. They bridge the gap between what students can and want to read.

teach
SECONDARY

VERDICT

- ✓ Clear and direct text with high interest and familiar vocabulary
- ✓ Ideal for closing the word gap and supporting personal and cognitive development
- ✓ Dyslexia-friendly and highly accessible for under-confident readers
- ✓ Encourages a love of reading, builds reading stamina and improves intrinsic motivation
- ✓ Each book has the potential to be read over and over again
- ✓ Ideal for building reading fluency, vocabulary, background knowledge and interest in reading.

UPGRADE IF...

you are looking for fast-moving plots, authentic characters and engaging topics with real textual integrity to help get students hooked on books and reading for the joy of it. Cost: £7.99 per title.

For more information call 01536 452775 or visit www.oxfordsecondary.com/superreadable

SPOTLIGHT ON: Edtech

No one could have predicted the crucial role that edtech has come to assume in facilitating all forms of teaching over the past year. The continuing complications presented by COVID now mean that every school has to have a robust remote learning environment they can rely upon, and staff that possess the skills needed to use it appropriately

DISTANCE TEACHING MADE EASY

Discover how VISO TeacherView can help you deliver blended learning without the headaches

CRYSTAL CLEAR

With students back in class, ensure they don't miss a thing with the versatile HUE HD camera and visualiser



TEACHWIRE ARTICLES
FROM THE ARCHIVES

WHAT TO DO WHEN EDTECH GOES WRONG (BECAUSE IT WILL)

Terry Freedman suggests some strategies to deal with technical glitches in your classroom – and a few ideas to help you avoid them in the first place.

DOWNLOAD AT bit.ly/ttt-edtech1

ALWAYS ON – POST-COVID, ARE TEENS GETTING TOO MUCH SCREEN TIME?

Among the many damaging consequences of the multiple COVID-19 lockdowns, we may well find ourselves having to confront a troubling rise in device dependency among teenagers.

DOWNLOAD AT [BIT.LY/TTT-EDTECH2](https://bit.ly/ttt-edtech2)

LET'S HAVE A BETTER POST-COVID CONVERSATION ABOUT EDTECH

Alka Sehgal Cuthbert calls for a return to educational basics, and a more nuanced critique of optimistic dreams concerning our gleaming, edtech-powered future.

DOWNLOAD AT [BIT.LY/TTT-EDTECH3](https://bit.ly/ttt-edtech3)





POWER UP

Radix TeacherView

The classroom management solution every school needs!

Need to know

The world is moving towards remote and hybrid learning/working for many reasons. Covid-19 changed our world and accelerated the transformation process. In order to keep safe and open, schools moved to remote learning, transforming the classroom experience. If moving to remote learning wasn't easy for many, teachers also had to work with at least two or three platforms in order to manage the class: classroom management, video conference and learning management systems. Moving between platforms is not ideal, it is time-consuming and teachers are less focused on teaching. Other challenges that teachers are facing in remote or hybrid learning setting is communicating with their students while keeping their digital safety a high priority.

Radix TeacherView is an all-in-one classroom management solution, equipped with a built-in video conference system, allowing teachers the "over the shoulder" teaching experience they are used to in a remote or hybrid setting, staying in touch with their students while keeping their digital safety at a high level and, also, provides them the best possible learning experience.

Built to scale, Radix TeacherView provides teachers with the tools they need to have a seamless traditional physical classroom experience virtually, monitoring not only the video camera but also the students' desktops in real-time, virtually walk between students and engage either in 1:1 mode or group collaboration, monitor the class attention level and assist students in real-time using AI.

Streamline the learning experience and keep your finger on the classroom pulse.

Remote at home, local at school or hybrid classrooms, the solution can be used during an emergency and routine, move to remote learning in a click of a button.



Contact:

For further information visit:

www.radix-int.com



REVIEW BY JOHN DABELL

Virtually all teachers will not have been trained to teach virtually. But this isn't just a training issue. The technology teachers have been using has massively contributed to their success or failure. Corporate platforms aren't a good fit for education. This is why I am completely sold on TeacherView from Radix. This is a sensational cutting-edge e-learning cloud-based solution that transforms remote/hybrid learning by combining video conferencing and classroom management into a user-friendly platform.

With 57 fabulous features, this trailblazer really does mean everyone can share a virtual space as close to a real physical, classroom-environment, experience.

Interactive, intelligent and inspirational, I love that this software is designed for truly collaborative learning and is able to manage all devices so you can easily monitor and assist your students in real-time.

This is next level stuff and easily best of breed.

Key features:

- Share teacher or student screens and video camera
- Distribute content from the cloud/local drive and share websites
- Respond silently to electronic "hand raises"
- View thumbnails of students' screens in real-time
- Work alongside or remotely take control of screens
- Lock screens to maximize attention and minimize distractions
- Limit access by blacklisting and whitelisting websites
- Conduct surveys and quizzes

Benefits

- Running on AWS - redundancy and a highly-secured environment
- GDPR and CCPA compliant
- Easy-to-use, seamless installation, start managing your class in minutes
- Flexible business model, choose between per student, teacher or school site license
- Chat, email, phone and self-service support
- Complimentary training is available online four times a week or on request



HUE HD Pro Document Camera and Visualiser £49.95 +VAT

WHAT WILL YOU DO WITH YOURS?



huehd.com





HUE HD Pro Visualiser and Document Camera

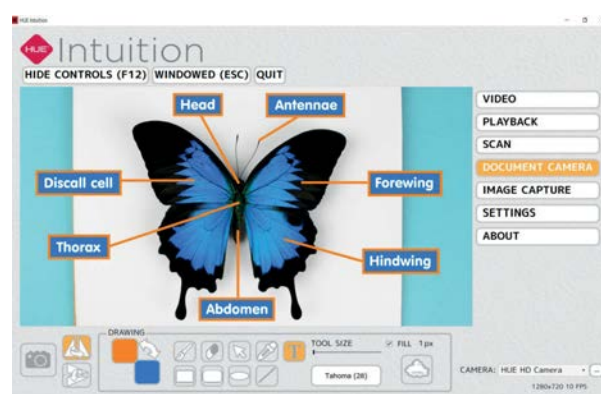
A multi-tasking gooseneck camera that's easy to use and very functional



AT A GLANCE

- A lightweight, portable USB document camera and visualiser with wide-angle lens
- Plug and play straight out of the box for instant use
- Built-in touch-sensitive LED lights for crystal clear image
- Activity light showing video feed is live
- Presents text, images and objects to captivate your classroom or CPD event
- The perfect fit for an array of educational environments
- Comes with specially-designed intuitive software

REVIEW BY JOHN DABELL



Please try not to blush but I really like HUE, I really do. In fact, I've always liked HUE.

Having a relationship with a resource might sound a bit odd but there are some things in a classroom that are just there for you no matter what and never let you down.

The HUE HD Pro is one of those products. It gives itself unselfishly to maximising learning potential, it effortlessly promotes interaction and supports collaboration. It works straight out of the box too, which is my kind of resource.

User diversity is what makes HUE stand out. Its inclusive design means it will adapt to any classroom content and context, so use it as a facecam/webcam or document camera.

The value of good design is everything and HUE have got it right. They have produced a fit for purpose multi-tasking camera that isn't complicated or convoluted but easy to use, very functional and comes with a sturdy base. This Pro version isn't loaded with extra features that don't add anything and it isn't in love with itself. Instead, it understands that simplicity is powerful.

The defining feature that will have you head over heels is its flexible gooseneck arm that can twist and turn where other cameras can't. The length of this means you can easily view a full A4 page if need be and because it is more agile you can reach what you need to show learners without breaking your own neck as it rotates 360 degrees and can be positioned horizontally, diagonally and vertically.

You might expect a modern bit of kit like this to have automatic focus but it doesn't. Instead it has a manual focusing ring so that images don't go in and out of focus all the time when your hands pass in front of the lens.

The HUE HD Pro has also taken on a new role as a remote teaching companion too. It can admirably support distance learning by giving an up close and personal view of whatever you want to teach and record. It makes sharing joyfully easy and allows you to demonstrate and support learning painlessly as if you were in class.

The fact that it is small and portable means this nimble and responsive device can give you the back-up you need for delivering high-quality learning and it works with Windows, macOS, Linux and Chrome OS, video conferencing apps and popular school apps. HUE have also produced handy guides to support navigation and use.

For back in the classroom use, the ability to record lessons is a wonderful option because they can then be shared with any pupils who might be absent from school, for whatever reason, and also for accessing at any time for revision purposes.

The software that comes with this versatile visualiser is called HUE Intuition, the latest version, and its single-user licence allows installation on multiple devices.

I'm head over heels for HUE. This is an approved teaching resource that is visual, tactile, exciting and an all-round lifesaver.

**teach
SECONDARY**

VERDICT

- ✓ Opens up learning and creates memorable moments
- ✓ Highly inclusive, accessible and a cross-curricular support extraordinaire
- ✓ An outstanding user experience
- ✓ Contemporary, stylish design with top-quality images and sound
- ✓ A hands-on and minds-on tool full of pedagogical and practical prowess

UPGRADE IF...

you are looking for an engaging, classy and inexpensive visualiser to transform your teaching, learning and assessment.

Cost: comes in black, green, red or blue and is priced at £49.95 ex VAT

For further information visit huehd.com/contact/



Everything your students need to build essential skills - at home and in class

"The resources are brilliant. Easily used off the shelf or adapted where necessary."

SKILLS LEADER



"Lessons are interactive and fun... students work in teams, lead and take ownership."

SKILLS LEADER



Assemblies



Short Lessons



Posters



Assessment



Longer projects



Challenge Days

*Join 500+ schools
and thousands of teachers*



skillsbuilder.org/digital-membership



Individual Teacher

Digital Membership 2020-21

Accelerator Programme 2021-22

300+ Short Lessons



Add multiple classes



Online training modules



Unlock Premium Resources



Manage multiple teachers



Exclusive monthly webinar



Bespoke strategic support



Virtual teacher training



Free

From £320 per year per school

Apply in
Spring 2021

SKILLS SUPPORT



Skills Builder Hub

A complete framework to help students develop the essential skills, experiences and aspirations they will need to succeed



Skills Builder
HUB



AT A GLANCE

A methodical and rigorous essential skills curriculum

Well-stocked mastery resources for every age and stage

Powerful online teacher assessment and student self-assessments

Features a range of multi-part lesson-time projects and whole-school Challenge Days

Builds critical links between school and the working world

REVIEW BY JOHN DABELL



What would you consider are the 'essential' 21st century skills that young people need to thrive? Well, it turns out that a consensus has built that there are eight skills we can see as enablers of learning and future success, each with its own rich backdrop, and they line up as follows: Listening and Presenting; Problem Solving and Creativity; Staying Positive and Aiming High; and Leadership and Teamwork.

In fact, research by the Sutton Trust found an astonishing 97% of teachers think these essential skills are as or more important than academic qualifications – but are they teachable? You bet they are, and especially now, as the Skills Builder Partnership has the resources to help it happen. The Skills Builder Framework breaks down each of the eight skills into fifteen tangible, buildable and measurable chunks, accessed via a central hub. It's quite something.

Within each area there are pithy and brilliantly planned 10-minute videos for systematic skills building, with clear instructions for teachers, who can easily add a group of learners and then focus on finding the best resources to help them master and progress through the skills step by step. There are also comprehensive handbooks to guide teaching sequences. The activities are well thought through and often framed within a meaty 'big' question based on a real-life

scenario. Engaging project-based learning and superb challenge days are built into the programme, so students can apply their skills and show what they can do.

There are skills passports provided for students to keep a record of their progress; resources to support learners with additional needs; self-assessment tools; reward certificates and tokens; and posters for each skill showing a range of steps. Pretty much everything you need is there in one place, in fact.

To keep things manageable, the resources are all carefully linked to a fabulous framework, so it's easy to filter by the skill and steps on which you want to focus. There are resources for students with little or no experience right up to those who are highly skilled, and you can vary these by length and activity type.

Group level formative assessment is plaited throughout the hub so progress can be measured, and there is a handy group overview which shows the areas mastered, so you can confidently focus on what students need next.

Making essential skills a core pillar of learning has to be the priority for every school; the Skills Builder Hub is a truly magnificent way to promote, develop and track eight essential skills that will serve students well for a lifetime.

teach
SECONDARY

VERDICT

Provides the 'missing pieces' schools need to unlock learning and give students the skills, experience and aspirations to succeed

Ensures skills development holds equal value to academic attainment

Bursting with practical advice and resources to feed development

A real-world resource backed by rigorous evidence

Perfect for understanding strengths and gaps, planning next steps, targeting interventions and reflecting on progress

UPGRADE IF...

You are looking to elevate essential skills, give them the high profile they deserve and resource an effective skills development programme with incredible insight.

Find out more at: skillsbuilder.org, info@skillsbuilder.org

TEACHERS

ARE NOT RESPONSIBLE FOR CHILDREN'S EDUCATION



WE ALL ARE

Find out more about our all-in-one solution for parental engagement
which connects parents, students and schools together

Share progress updates | Two-way communications | Online parent payments | Manage extra-curricular activities | Secure single sign-on

DISCOVER MORE:



www.capita-sims.co.uk/pe-solution



0800 170 1713

SIMS

SPOTLIGHT ON: Religious Education

As students prepare to navigate life in the multicultural, multifaith landscape of the modern world, they stand to benefit more than ever from the guidance on different faiths, religious traditions and practices that RE lessons can equip them with

READY FOR ANYTHING

Give your students all the exam preparation they'll need with OUP's Christianity, Islam and Themes Route A student book

PERFORMANCE BOOST

Put your students fully in the picture with the aid of AQA's GCSE Religious Studies Workbooks



**FREE RE RESOURCES
FOR YOUR SCHOOL**

IS RELIGIOUS HATRED COMPARABLE TO RACISM? (KS3)

A thought-provoking lesson with strong links to the duty on schools to promote community cohesion and Citizenship Education. Students will explore the notion of Islamophobia, weigh up the damaging impacts of religious hatred and racism, consider strategies for tackling prejudice and apply values, beliefs and religious

teachings to specific scenarios involving prejudice and injustice.

DOWNLOAD AT bit.ly/ttt-re1

TODAY'S SPIRITUAL LANDSCAPE (KS3)

Develop great learning habits among your learners, while simultaneously expanding their knowledge of today's spiritual landscape, with the help of this intriguing lesson from Craig Wright.

DOWNLOAD AT bit.ly/ttt-re2

A CLASS DEBATE TO WHICH EVERYONE'S INVITED (KS4)

If there's one activity that really gets students engaged it's debating – yet too often, only one or two students will be speaking at any given time, while the rest of the class either waits for their turn to speak or quietly switches off. This lesson, focused on the topic of abortion, sees students working in small groups as they practise turning their opinions into developed points and counterarguments for either side.

DOWNLOAD AT bit.ly/ttt-re3



A concise new series
from Oxford to support

Eduqas GCSE Religious Studies

Routes A and B

- Packed with all the skills support students need
- Accessible, student-friendly design
- With essential digital support from Kerboodle

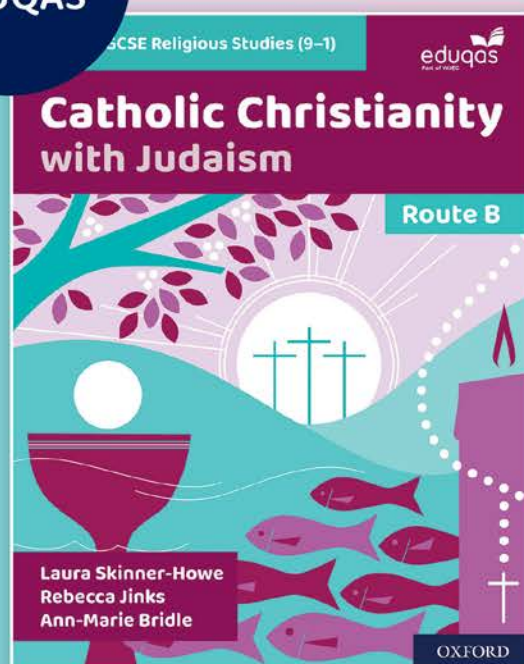
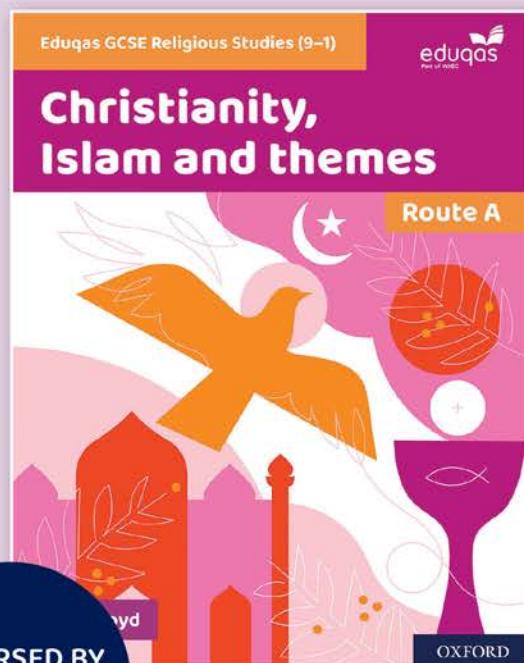
"A rich source of material for blended and classroom learning"

Gregory A. Barker, PhD,
Fellow at the University of Winchester
Author and Revision Specialist
(on Eduqas GCSE Religious Studies Route A)

"I like the skills practice examples and how they can show improvement. This will be really useful to go through with students!"

Emma Raven, Curriculum Lead for PRE,
Secondary School, London

ENDORSED BY
EDUQAS



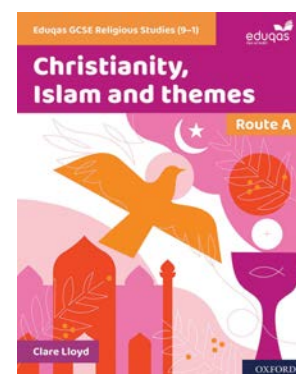
Visit www.oxfordsecondary.com/eduqasgcse
to find out more and evaluate

OXFORD

RELIGIOUS EDUCATION

Eduqas GCSE Religious Studies

Supports effective study for a positive impact on students' learning



AT A GLANCE

- Brand new student book combining specification-focused content and skills practice
- Designed with features to help students develop essential exam skills
- Dedicated skills practice pages include exam questions, exemplars and guidance
- Essential digital resources and an ebook are included on Kerboodle
- The Student Book has been endorsed by Eduqas

REVIEW BY JOHN DABELL



Christianity, Islam and Themes Route A is a new student book covering everything students need to study for a GCSE exam in Religious Studies with Eduqas offering clear, comprehensive and focused coverage of the specification.

This colourful and professional resource is divided into three exam papers or components with themes and it includes rich and compelling content that asks provocative questions and stimulates critical thinking.

It is also reassuringly crammed with some terrific features for giving students the edge.

Each chapter begins with a sharp introduction along with key things to remember and concepts covered. These are clearly flagged so nothing is missed and students have a solid start.

The content is presented in very user-friendly double-page spreads with the specification focus shown so students know what is being covered. Quotes from religious texts are shown in yellow boxes and there are useful terms boxed out, defining some of the specialist language used.

At the end of the essential content, students are given three questions to answer to test their knowledge recall and there is also a brilliant evaluation practice section which asks questions to test their reasoning and argument skills.

At the end of each chapter are skills practice pages which include advice galore, exemplar

responses, what students answered well and how to improve further using a 'must, should, could' format. These are followed by commentaries that show how and why an improved answer is successful.

Helpful hints and tips are included throughout and offer students guidance with real gumption and top support for writing their own answers to real exam questions. There are annotated responses to show what examiners are looking for.

This book has a clear purpose, it makes positive connections with learners' knowledge, experience, and identity, it builds knowledge about what is required for achieving exam success and it is very engaging.

It is certainly well crafted and structured too and supremely supports students' understanding about how to improve their written responses.

This is a truly blended learning solution because the student books work alongside the brilliant digital Kerboodle resources which include auto-marked quizzes. You get a very clever combination here that helps students build on their existing knowledge and challenges them to achieve their best through a pile of top tips and expert navigation.

What makes a good study resource? One that's accurate, consistent, useful, efficient and relevant – with this resource all bases are covered.

teach SECONDARY

VERDICT

- ✓ offers crystal clear coverage of the Eduqas specifications
- ✓ presented in a student-friendly format
- ✓ supports effective study for a positive impact on students' learning
- ✓ a stunning focus on how to improve exam responses
- ✓ prime nutrition for knowledge-building and revision
- ✓ ideal for blended and classroom learning

UPGRADE IF...

you are looking for a pithy, punchy and purposeful in-depth skills resource for supporting and preparing students throughout their GCSE studies.
Cost: £19.99

For more information contact secondary.enquiries@oup.com

Enrich your teaching. Inspire your students.

Become an examiner with AQA

- ✓ Build your knowledge of the specification to help with mock exam marking (GCSEs and A-levels).
- ✓ Receive training and support.
- ✓ Great for your CPD to support career progression.
- ✓ Earn £500 - £1000.



aqa.org.uk/apply
01483 556 161
examine@aqa.org.uk

Marking takes less than
four weeks, working
flexibly from home

AQA 
Realising potential

REVISION TOOLS

AQA GCSE Religious Studies Workbooks

Write-in workbooks for religious studies students with everything they'll need ahead of their exams



AT A GLANCE

- Ideal workbooks for exam preparation, sharing proven strategies for raising attainment
- Authoritative coverage of both A and B AQA specifications
- Examples and practice questions for student completion
- Helpful hints and tips which students can use or cover up
- Answers and mark schemes online for immediate feedback

REVIEW BY JOHN DABELL



AQA GCSE Religious Studies Workbooks are not your typical workbooks. They ask big questions, while supporting and stretching students via shrewdly designed activities that reinforce core content with linked activities that lead into exam practice questions.

There are workbooks available for Paper 1 and Paper 2, and they contain comprehensive coverage of major faiths with a consistent and crystal-clear structure to each chapter. The no-nonsense presentation gets straight down to the core business of learning, with each chapter diving into a range of challenging activities linked to top tips and purposeful pointers, so that students know where to look for further information.

The activities ask students for plenty of input via written responses and will get them interacting with key quotes and talking points inspired by, or taken from, different sources of religious belief and teaching. There's also the option to set additional challenges through various stretch activities that are built in to each chapter. To help students get to grips with the specialist subject language they'll need, a number of DIY fill-in glossaries are included at the end of each chapter, with space provided for writing definitions and example sentences.

There are clear signposts throughout for

helping students understand what's required of them for different questions, how those questions are weighted in terms of marks and the types of responses needed to attain full marks.

Exam practice questions feature heavily, alongside activities that help students understand what it is that examiners will be looking for. The books' exam practice chapters include expertly crafted sample answers, scaffolded activities and practice questions, as well as support for evaluation and the long 12-mark question.

The sample answers can provide valuable insights into students' potential strengths and weaknesses, and what can be done to produce jumps in performance. Students are clearly shown the type of responses that will get the marks and the type that won't, and are given the chance to improve on a series of mock responses shown within the book. The answers can all be found online, enabling students to check how well they have done and examine what they must do to improve.

Write-in workbooks are a great idea, and a highly effective addition to the reading, learning and revising process for how they encourage full engagement with a subject. These particular books are ideal for use alongside the AQA Student Books and Revision Guides, and priced at £5.99 per title, represent terrific value for money.

**teach
SECONDARY**

VERDICT

- ✓ Loaded with challenging questions and activities
- ✓ Embeds thinking skills
- ✓ Strengthens understanding of core topics
- ✓ Colourful, clear and engaging
- ✓ Sample answers to help guide improvement
- ✓ Dovetails effortlessly with the 'Recap, Apply, Review, Succeed' approach

UPGRADE IF...

You are looking to upgrade students' thinking skills and exam responses in religious studies, so that they can showcase their abilities to argue, reason, justify, explore and evaluate ideas.

SPOTLIGHT ON: STEM

In recent years, there's been growing recognition of the importance that science, technology, engineering and maths knowledge will play in tomorrow's jobs market and wider economy – so much so, that solutions specifically aimed at boosting students' 'STEM' skills now constitute a separate category of their own

SETTING THE RECORD STRAIGHT

Show your students the crucial role that women have played in advancing science with *Forces of Nature*

BREAKING IT DOWN

Bridge the gap between block coding and text input with the cloud-based resource, Python in Pieces

3 FREE STEM RESOURCES FOR YOUR SCHOOL

USING SPREADSHEETS TO TEACH COMPUTATIONAL THINKING (KS3)

Spreadsheets are a great way into computational thinking and a good vehicle for teaching abstract concepts like conditional statements. They can also put a completely new spin on other subjects too, such as English and geography.

[DOWNLOAD AT BIT.LY/TTT-STEM1](https://bit.ly/TTT-STEM1)

BIOMIMETICS AND WHY NATURE OFTEN HAS THE ANSWER (KS3)

Biomimetics is a dynamic and fast-moving field of research that looks to the natural world for inspiration and answers to various design challenges. In lesson, students are introduced to the idea that Mother Nature might well know a thing or two about durable materials, efficient engineering principles and much else besides.

[DOWNLOAD AT BIT.LY/TTT-STEM2](https://bit.ly/TTT-STEM2)

THE FUNCTIONS OF PACKAGING (KS4)

This engaging, hands-on session covers the six functions of packaging in a practical and memorable way. Set up a mini competition, with students acting as both creators and – upon completion of the practical component – assessors. When carried out appropriately, this process can help them properly understand and embed the six functions in their minds.

[DOWNLOAD AT BIT.LY/TTT-STEM3](https://bit.ly/TTT-STEM3)



4 REASONS TO TRY... Forces of Nature: The Women Who Changed Science

An ideal resource for KS3 and KS4 science and STEM students by Anna Reser and Leila McNeill

1 VITAL

From the ancient world to the present-day women have been vital to the progress of science. Throughout history women have served as royal physicians and nurses, taught mathematics, studied the stars, practiced midwifery, travelled into space, developed cures, dissected data, and so much more.

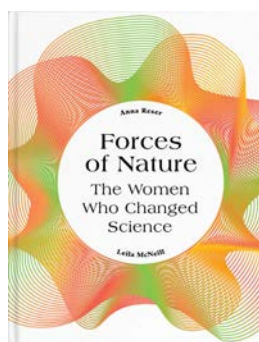
2 DISCOVERIES

As natural philosophers, physicists, anatomists, psychologists and botanists, women were central to the great intellectual flourishing of the Scientific Revolution. Yet their importance is overlooked, their stories lost, distorted, or actively

suppressed. Forces of Nature sets the record straight.

3 EXTRAORDINARY

This thoroughly researched, authoritative work shows how women have managed to navigate a male-dominated scientific culture throughout time; extraordinary



figures including archaeologists who worked to understand the indigenous peoples of their homelands, and those who made discoveries and built new disciplines that changed the face of science.

4 ACHIEVEMENTS

Featuring a range of essays documenting the achievements of famous and lesser-known women, Forces of Nature looks at how women scientists shaped key cultural moments and how, in turn, the women themselves were shaped by them.

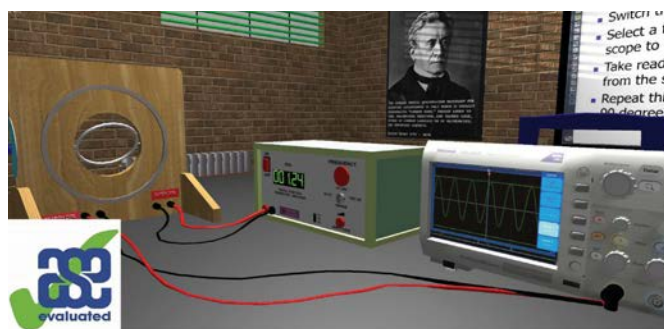


Contact:

For further details please contact marketinguk@quarto.com or visit www.quartoknows.com

Review by John Dabell

In Forces of Nature we learn about female trailblazing scientists who have been deliberately excluded, marginalised or overlooked. I love this book because it debugs history and introduces us to remarkable women we need to know about and who should be part of our everyday narratives.



Physics Practicals Online.

This library of thirty 3D immersive simulations for GCSE and A level accurately simulate the equipment and necessary interactions of the actual experiments.

For remote use by students with or without teacher guidance. Also ideal for catchup and instantly-ready teacher-led demonstrations.

Available as a site or single user licence. Single user licence comes with the book 'Advanced Physics practicals' available on Amazon from £10 (5* rating).

Reviewed by the Association for Science Education: <http://www.schoolscience.co.uk/thevirtualphysicslaboratory>

Visit our website for free experiment, price list, and descriptions of all the experiments.

www.virtual-science.co.uk

Easy to use text to speech software



Our software and apps read text and assists with writing so that dyslexic students can concentrate on their learning with increased confidence. It can even be used in exams.



Our apps



Find out more: www.clarosoftware.com



ATTEND ANYTIME

ICT

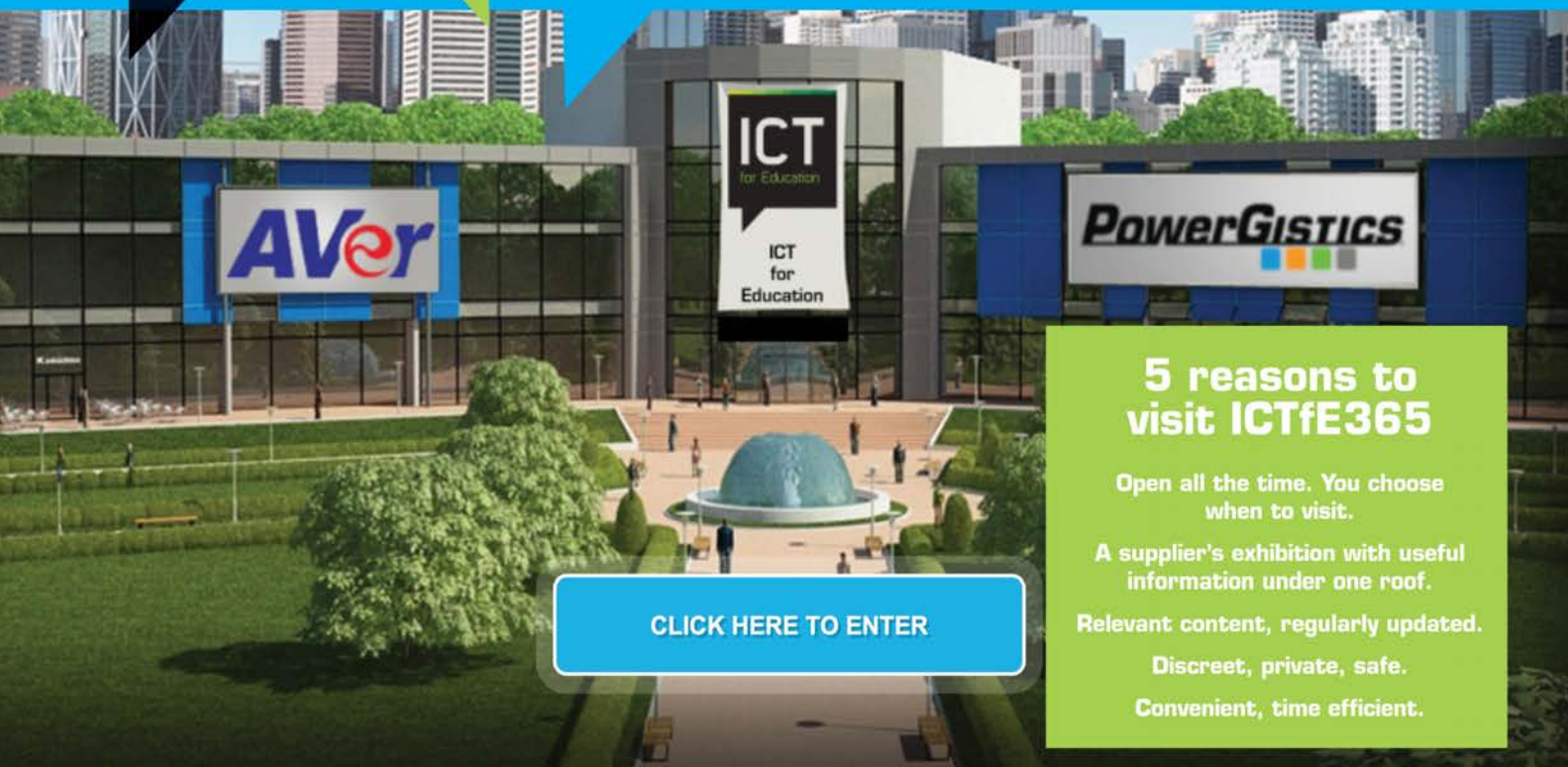
for Education

Trusted by Teachers

Since 2012

An online exhibition and conference always open when you want to visit

ICTfE365 IS NOW OPEN at www.ictfe365.co.uk



5 reasons to visit ICTfE365

Open all the time. You choose when to visit.

A supplier's exhibition with useful information under one roof.

Relevant content, regularly updated.

Discreet, private, safe.

Convenient, time efficient.

ICTfE365 is a virtual exhibition which gives teachers 24x7x365 access to an exhibition of companies that supply technology solutions to schools.



Check out leading suppliers



Convenient, Discrete, Safe



Content from industry leading speakers



Product Reviews



Information, news, articles



Practical ideas for your school

“ I love the look of the virtual conference. Runs very smoothly. Very impressive. ”

Phillip Craig
ICT Network Manager

VISIT:
www.ictfe365.co.uk

info@ictforeducation.co.uk

01983 812305

COMPUTING

Python in Pieces

Help your students navigate the learning gap between block-based and text-based Python coding with this intuitive cloud-based resource



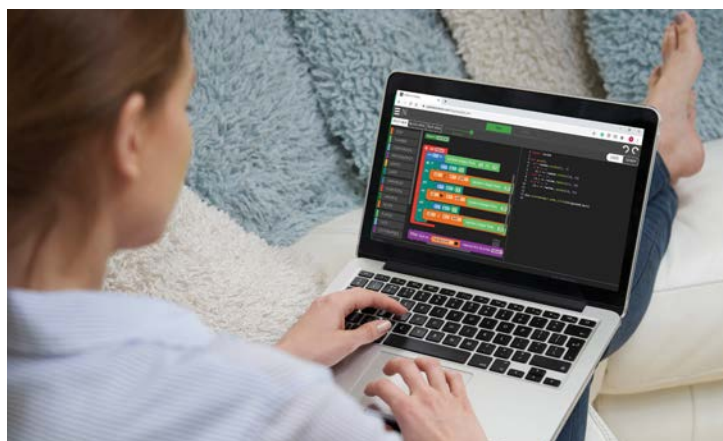
AT A GLANCE

A coding resource that allows students to easily make the transition from block code to text code

Interactive tasks and schemes of learning that encourage self-exploration and can be delivered without specialist knowledge

Easy to use interface

Provides students with instant feedback



REVIEW BY ADAM RICHES

Computer coding is a complex process. Despite significant increases in computer literacy among young people, many still struggle to make the leap from the block coding taught at KS2 to the text coding taught at KS3 as a prerequisite for many KS4 ICT and computing courses.

Python in Pieces aims to help students make that leap more easily, by using their prior knowledge to develop a better understanding of the context and workings of text-based coding. An award-winning resource, having triumphed in one of the categories at this year's Educational Resource Awards, Python in Pieces is a cloud-based platform with separate interfaces for teachers and students, both of which are intuitive, easy to navigate and well-suited to home and distance learning.

Students can engage with tasks at three levels of difficulty roughly equating to years 7, 8 and 9, though they aren't labelled as such. Each level comprises six lessons, all of which include a breakdown of content, topics and activities, enabling non-specialists to teach them with ease.

Each task is marked by the program itself in real time, and offers teachers a means of providing students with instant feedback. The teacher interface gives users ready access to all the relevant activities and answers, thus potentially giving non-expert staff a means of teaching themselves coding as useful CPD exercise.

Students can be shown video guides that model and scaffold how the tasks should be completed, which for me are one of the resource's main strengths. These empower students, allow for independent working and can be watched at the learner's own pace, meaning that whole classes can potentially be set different topics simultaneously.

Another notable feature of the resource is its ability to translate Python on the fly from block code to text code and vice versa. This allows students to understand the intricacies of the language as they work with it, while encouraging them to explore new concepts and ideas. Written code can then be run and easily shared around the class from within the program itself, or distributed via links and QR codes, opening up a range of creative learning opportunities.

Users can further select the speed at which their programs are executed, allowing students to closely follow the completion of each function. Teachers can, in turn, track students' progress using a series of filters and instantly see which students required hints in order to complete tasks. The teacher interface can even mimic what students are seeing on their screens at any given time.

Python in Pieces is a self-contained solution for teaching code that breaks down complicated concepts into manageable steps, and helps students make real progress on their computer science journeys.



VERDICT

Designed with simplicity and functionality in mind

Allows students to seamlessly move between working with block code and text code

Rich evidence-tracking functions help with monitoring students' learning progress

Empowers schools to deliver teaching around a complex topic with minimal CPD investment

An impressive resource for boosting student engagement with coding tasks

UPGRADE IF...

You're looking for a way to deliver high quality coding lessons to students of all abilities at KS3; it's also worth considering for those lacking specialist ICT staff and in need of a reliable KS4 computing stepping stone

Find out more at 2simple.com/pythoninpieces, hello@2simple.com

teachwire

YOUR LINK TO THE BEST IN EDUCATION

Quick & easy uploads



Have you ever devised...

- A memorable secondary activity?
- Any behaviour or assessment strategies that have helped save valuable time?
- A handy assessment trick that's saved you valuable time?

If so, Teachwire's resource archive is now open for submissions from secondary teachers with creative and inspirational ideas.

Share yours at tinyurl.com/ResourcesTW

www.teachwire.net/teaching-resources

Collins

YOUR CHOICE

SUPPORT YOUR STUDENTS' WELLBEING

A full and flexible PSHE course for Key Stage 3 that addresses the challenges of being a teenager in the 21st century and supports schools to implement the statutory guidance for Health, Relationships and Sex Education.



DOWNLOAD SAMPLES [COLLINS.CO.UK/YOURCHOICE](https://collins.co.uk/yourchoice)



SPOTLIGHT ON: PSHE

Personal, Social and Health Education is a subject in flux, with secondary schools now required to include components on relationships and sex education and health education within their curriculums, following a change in the government's statutory guidance in September 2020. As such, some schools may be in the position of extending their existing provision into unfamiliar areas, or reviewing whether the resources they currently use can provide the scope they now require.

LIFT OFF!

Take your PSHE provision to the next level with Hodder Education's Boost series

ALL BASES COVERED

Could Chameleon PDE be the all-in-one PSHE toolkit you've been looking for?



3 FREE LESSON PLANS
FOR YOUR SCHOOL

CONSENT IN THE CLASSROOM – PREPARATIONS AND RESPONSIBILITIES FOR TEACHERS

Thalia Wallis and Pete Wallis outline the approach schools should take when broaching the topics of relationships and consent with their students.

[DOWNLOAD AT BIT.LY/TTT-PSHE1](https://bit.ly/TTT-PSHE1)

#NOFILTER (KS3)

A lesson plan from Oxford Sparks that explores how material posted on social media may give out more information than those posting it might have intended. Students play a game where they try to find out where someone will be at a given time, based on a set of fictional social media posts.

[DOWNLOAD AT BIT.LY/TTT-PSHE2](https://bit.ly/TTT-PSHE2)

STIS AND RELATIONSHIPS (KS4)

The aim of this lesson is to help learners become experts in identifying STIs, and how the associated risks and rates of transmission increase with multiple sexual partners. This knowledge, coupled with effective condom use demonstrations, should enable pupils to make more informed personal choices around their future safe sex practices.

[DOWNLOAD AT BIT.LY/TTT-PSHE3](https://bit.ly/TTT-PSHE3)

Explore PSHE for Key Stage 3: Boost

Teach Key Stage 3 PSHE with confidence using Boost! User-friendly for both experienced PSHE leads and for non-specialists, this will simplify your teaching with access to all the planning, teaching, homework and assessment resources that you need to deliver the course.

Save time: Take the hassle out of planning with a comprehensive course planner that includes over 70 lesson plans and teacher guidance sheets, as well as colourful and accessible PowerPoints to accompany each lesson.

Provide essential coverage: Confidently cover the 2020 Statutory guidelines using the easy-to-navigate matching grid that clearly maps the scheme of work against the mandatory requirements.

Assess and review: Support lessons with worksheets that reinforce learning and use interactive knowledge tests and assessment idea sheets to review students' knowledge.



- 77 Lesson plans and teacher guidance sheets
- 1 Scheme of work
- 1 Mapping document to the PSHE Association's Programme of Study
- 77 Lesson PowerPoints
- 77+ Worksheets to support activities from the Student Book
- 12 Assessment idea sheets
- 12 Interactive quizzes
- 1 Matching grid to the statutory guidelines

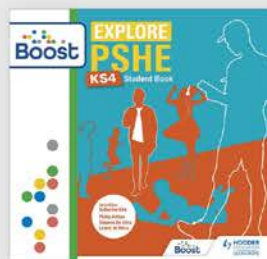
The flexible design is compatible with whichever way your school delivers PSHE!

Preview the resources and access a 30 day FREE trial by visiting: www.hoddereducation.co.uk/ExplorePSHE

Also available for Key Stage 4!

Provide the right level of knowledge and understanding of PSHE education students need with Explore PSHE for Key Stage 4: Boost, with topic suitability for this age range.

- 49 Lesson plans and teacher guidance sheets
- 1 Scheme of Work
- 1 Mapping document to the PSHE Association's Programme of Study
- 49 Lesson PowerPoints
- 49+ Worksheets to support activities from the student book
- 12 Assessment idea sheets
- 1 Matching grid to the statutory guidelines
- 12 Interactive quizzes



Why Boost?

- **Capture students' attention.** Combining a fresh interface with interactive quizzes, videos and more, our content keeps students engaged and supports active learning in class and at home.
- **Personalise learning.** With the ability to track their own progress through reports, Boost empowers students to take control of their learning and identify topics for revision.
- **Access eBooks anytime, anywhere.** Students' can access content on phones, tablets or desktops, online and offline using the App. Text-to-speech functionality, alongside the ability to add notes and save key points as flashcards, supports an individual learning experience.
- **Improve accessibility.** Single sign-on technology means students can use the same password as their Google or Microsoft Teams accounts, making it quick and easy to log in.


Boost

Preview the resources and access a 30 day FREE trial by visiting:
www.hoddereducation.co.uk/ExplorePSHE

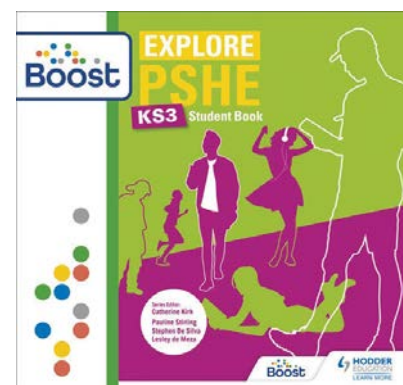

Boost

 **HODDER**
EDUCATION
LEARN MORE

PSHE

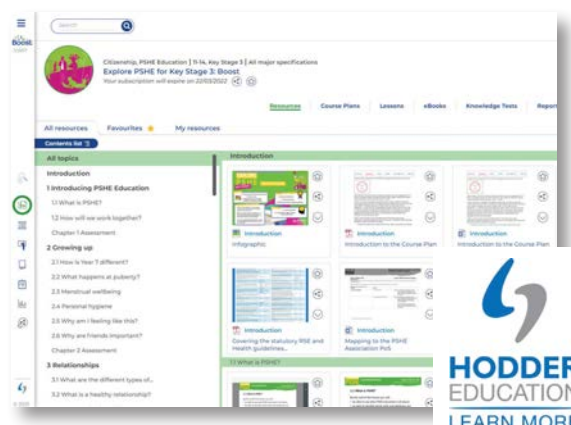
Explore PSHE for Key Stage 3: Boost

The Boost platform offers a digital student book and specialist teaching, learning and assessment resources



AT A GLANCE

- New and intuitive digital PSHE resources for KS3 for supporting teachers and engaging students**
- Confidently cover the 2020 Statutory Guidelines**
- A rich bank of high-quality content for varied and dynamic lessons**
- Editable Course Plans**
- Learning on tap with hundreds of interactive resources for lessons and homework**
- Teacher eBook(s) for planning and front-of-class teaching**
- Interactive activities for school and home**
- 30-day free trial**



REVIEW BY JOHN DABELL

"Is it gold enough?" That's the one question I ask when reviewing any product. Classrooms deserve the best and as a minimum we need to be providing students with 18 carat gold resources and experiences.

But if you want to invest in real quality and you are looking for a 22 carat teaching resources for Key Stage 3 PSHE then you'd be hard-pressed to find better than Hodder Education's Explore PSHE for Key Stage 3, now on their exciting new digital learning platform, Boost.

Boost is billed as the next generation in digital learning and it's easy to see why as it is quality through and through and designed to support a personalised learning experience.

The Boost platform offers a digital student book and specialist teaching, learning and assessment resources that have been impressively coordinated.

Accessed through a simple to navigate dashboard, Boost is perfectly prepared for teaching and learning in any scenario – blended learning, hybrid or distance learning.

The platform is clean, uncluttered and very user-friendly and searching for what you need is a doddle too.

For a more flexible, interactive PSHE curriculum, teachers can integrate their own resources using the strikingly comprehensive and editable course plans or hit the ground running with pre-packaged high-quality content, perfect for both experienced PSHE

leads and for non-specialists.

These link to an arsenal of active resources which include over 70 lesson plans and teacher guidance, as well as colourful and accessible PowerPoints to accompany each lesson.

There is also plenty of guidance for teachers on providing essential coverage for PSHE, highlighted in a matching grid that aligns the course plan provided to the 2020 Statutory guidelines and the PSHE Association's Programme of Study.

With opportunities galore for collaborative learning and personalised feedback, Boost is designed with the flexibility and insights teachers need to unlock the potential of a diverse student population. The assess and review materials help teachers and students work together to identify learning outcomes, assess understanding and track progress using worksheets, interactive knowledge tests and assessment ideas.

The student experience is outstanding too with dynamic and personalised learning given central place. The eBook covers all bases through superb creative thinking content which can easily be annotated and key points can also be highlighted to save as flash cards. Two subscription options are available, core and premium, and prices start from £195 per year. A whole suite of print and digital resources are available in the Explore PSHE series, from Key Stage 3 to Key Stage 5.

teach SECONDARY

VERDICT

- A fresh and contemporary interface to capture and keep attention**
- Effortlessly adaptable and customisable**
- Easily accessible resources repository**
- Great for upgrading your curriculum and up-skilling teachers and learners**
- Amplifies creative connections and promotes deep thinking**
- Active assessment personified**

UPGRADE IF...

you are looking for a polished, personalised and state-of-the-art platform that will simplify and boost your teaching and really engage, enthuse and empower students. Costs start from £195 per year.

For more information visit www.hoddereducation.co.uk/ExplorePSHE



Chameleon PDE

PERSONAL DEVELOPMENT EDUCATION IN A CHANGING WORLD



Time saving
detailed lesson
activities



Up-to-date content
relevant to young
people



Flexible programme
easily tailored
to your school



Mapped to 4 UK home
nation's statutory
curricula & PSHE
Association



Pupil surveys
included



Materials for
ages 11-18



Affordable
flexible buying options



Assessment

“It's so lovely to find PSHE resources that take the pressure out of planning, they are comprehensive and well resourced. They are also designed to provide more than enough material for a standard one hour lesson meaning that you can edit and choose the activities most relevant to your cohort.”

Wycombe High School

CPD
MEMBER
The CPD Certification
Service

besa | 
LAUNCHPAD

Try out our **FREE** resources at www.chameleonpde.com
or contact us: info@chameleonpde.com
07508 662284 / 07772 191210



Chameleon PDE

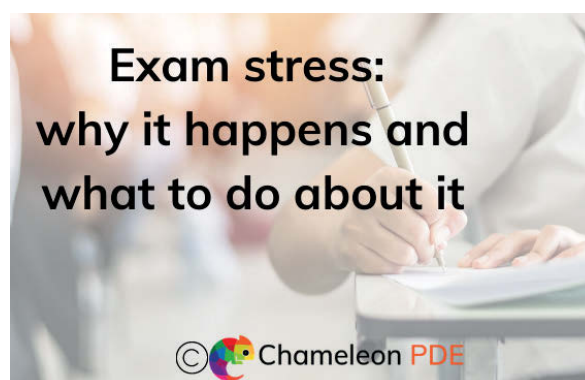
Specialists in health and wellbeing, citizenship, PSHE and personal development education



AT A GLANCE

- Affordable, flexible, up-to-the-minute and quality PSHE toolkit
- High-quality scheme of work that builds on previous learning
- Over 240 session plans with unparalleled content and well-planned themes
- Fully compliant with latest statutory curriculum changes
- Includes a unique 'How Are You?' pupil survey with analysis
- Materials for students aged 11-18

REVIEW BY JOHN DABELL



I hate shopping, which is why I love one-stop-shops because they make life so much easier and save loads of time. It's an accessible business model, I often opt for when it comes to school resourcing too.

If you are looking for everything under one roof for PSHE, fully planned and resourced, then Chameleon PDE is the place for you and it means you don't have to drive all over the internet trying to join the dots together.

They specialise in health and wellbeing, citizenship, PSHE and personal development education and provide a vast array of up-to-date teaching materials and programmes for quality provision.

Chameleon PDE have done a herculean job in generating a fantastic collection of flexible activities and ideas for whole school provision so you can create and deliver a customised curriculum. It is this flexibility that sets them apart because they allow teachers to focus and refocus the learning outcomes to meet the unique needs of their pupils.

In their subscription-based model, each of their activity packs have two hours of themed activity choices with fully editable PowerPoints along with games, templates, scenarios and resources needed for sessions with impact.

These are all expertly written in delightful detail and can easily be mixed and matched so are suitable for specialist and non-specialist teachers. They are fresh and fit-for-purpose, support policy development and fuel staff empowerment and sustainability.

One key feature is that every session plan also has a remote provision element to them for

independent home learning which is now essential to every school's offer.

The Chameleon portfolio also comes with an adaptable assessment system so that teachers and students can evidence learning fully and track personal development meaningfully.

Too many teachers go into PSHE lessons ill-equipped to deal with the extremely important and challenging issues the subject covers and this comes down partly to resourcing. Many still use materials that are very old and contain out-of-date advice.

This is why Chameleon PDE is the programme of choice for many schools because everything here is tried and true. You can be confident they can be flexibly incorporated into your setting. What's great is that there are no tie-ins and schools can unsubscribe at any time, so it's a great investment.

When it comes to consulting with pupils, many PSHE programmes don't have anything in place for capturing what they have to say. This is where Chameleon PDE differs because they offer a mechanism for surveying and collecting pupil voice information so you can dovetail the curriculum to their needs and local issues.

This means you can accurately assess student knowledge, attitudes and behaviours and be a true curriculum chameleon by being ultra-adaptable and editing the curriculum accordingly.

Chameleon PDE also offers online training accredited CPD in a variety of health and wellbeing topics to enable confident classroom delivery and subject leadership.

teach SECONDARY

VERDICT

- ✓ A convenient integrated PSHE service that is continually updated
- ✓ A veritable treasure chest of resources
- ✓ Ideal for teaching sensitive and controversial issues
- ✓ Resources that meet principles of best practice
- ✓ Guarantees curriculum coverage with built-in progression
- ✓ Captures and empowers meaningful student voices
- ✓ Massively condenses planning and preparation time

UPGRADE IF...

you are looking to flexibly furnish your curriculum with progressive resources and effectively plan, deliver and assess your PSHE programme. Cost: prices range from £125 plus VAT for a single year group to £985 for the entire programme (11-18) and includes KS5. Re-subscription costs are discounted at a massive 66 per cent.

For further information visit www.chameleonpde.com or email info@chameleonpde.com

What's New?

Our pick of the latest solutions and innovations for secondary education

1

Reading for all

Written by award-winning authors, and developed in partnership with Barrington Stoke – experts in producing accessible fiction – the Super-Readable Rollercoasters series aims to encourage less confident KS3 readers and support them to become life-long readers.

Each title has been written to help build confidence, make reading enjoyable and enthuse readers by providing them with accessible reading material that encourages them to develop a love of reading. Their shorter length allows readers to build reading stamina, whilst engaging in a gripping, well-told story that will ensure an enjoyable reading experience.

To find out more, and to order an evaluation copy, visit oxfordsecondary.com/superreadable; your local Oxford

Educational Consultant will be able to guide you through solutions to support your resourcing needs – find out more at global.oup.com/education/consultant or by contacting 01536 452 775



2



Rapid sanitisation

LapSafe® offers an extensive range of mobile storage and charging trolleys – the safest available on today's market. Having specialised in safe power management solutions, enabling convenient charging and data transfer for laptops, Chromebooks, tablets and other mobile devices, LapSafe® has now introduced a new item for 2021 in the form of the UV-C sanitiser station.

This innovative product can be added to an existing LapSafe® self-service locker configuration or used as a standalone product. The semi-automated UV-C sanitising unit will sanitise in around 15 to 20 seconds, deactivating 99% of bacteria and some viruses exposed to its high-intensity UV-C light.

To find out more, contact sales@lapsafe.com or visit lapsafe.com or visit LapSafe.com

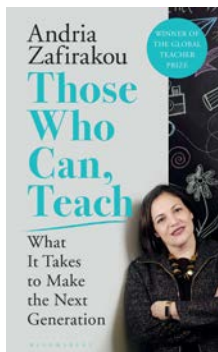
Data driven

The Design and Technology Association is a membership organisation providing support, resources and training to primary and secondary D&T teachers, enabling them to teach inspiring and engaging D&T lessons. With ties to industry and business, our aim is to promote the importance of D&T – both as a subject, and for its role in helping to create the next generation of UK designers, creatives and engineers.

We have different member options available for secondary teachers, and are currently offering live digital training, free webinars and E-Learning courses, as well as bespoke INSET training opportunities. Our membership has grown to 20,000 members, and we continue to build a supportive network for D&T teachers. For more details, visit data.org.uk or email info@data.org.uk



4



Be inspired

Arts teacher Andria Zafirakou was always a rule-breaker. At her inner-city London school, where more than 80 languages are spoken, she would tend to urgent needs – mending uniforms, calling social services, shielding vulnerable teens from gangs. And she would tailor each class to its pupils, fiercely believing in the power of art to unlock trauma, or give a mute child the confidence to speak.

So in 2018, when Andria won the million-dollar Global Teacher Prize, she knew exactly where the money would go – back into arts education for all. Andria's story can now be discovered in her book *Those Who Can, Teach – What It Takes To Make the Next Generation* (Bloomsbury, £16.99, published 15th April) – a rallying wake-up call that shows what life is really like for schoolchildren today, and a moving insight into the extraordinary people shaping the next generation. For more details, visit bloomsbury.com

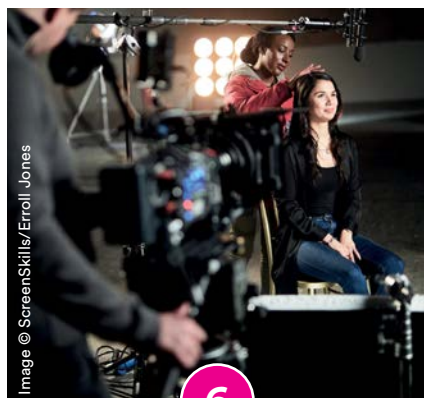
5



Close the writing gap

A recent study has shown that Y7 students' writing skills are 22 months behind age-related expectations. Writing Mastery, a component within the full English Mastery programme, has been released as a standalone offer to help teachers develop strong young writers.

Created by teachers for teachers, Writing Mastery is a high impact and easy to integrate language curriculum, filled with essential lesson resources and professional development for teaching grammar, spelling, and language at KS3. A sample pack of Writing Mastery resources can be requested by emailing partnerships@arkcurriculumplus.org.uk



Big screen opportunities

ScreenSkills is the industry-led skills organisation for the screen industries – film, television, visual effects, animation and games. We support screen professionals throughout the UK with training and offer information on the jobs in screen to inspire the next generation.

There are hundreds of behind-the-camera jobs. At ScreenSkills.com, your students can read about what each role entails and how to get in, starting with the right subjects to study. You can encourage them to match their technology, engineering, arts and maths skills with roles in screen, and also find a range of resources, including lesson plans and videos, that will help you meet multiple Gatsby Benchmarks. Visit ScreenSkills.com/starting-your-career to find out more.

A Level success

Oxford Revise's simple three-step study approach to revision and practice, already popular at GCSE, is now available at A Level. Based on principles of cognitive science, Oxford Revise is designed to help students master the knowledge and skills essential for A Level success.

The approach makes use of knowledge organisers, with clear links and connections to aid understanding, and retrieval questions to improve long-term retention. Also included is lots of differentiated, exam-style-question practice with revision hints and tips.

Oxford Review offers full coverage for both AQA and OCR A specifications, including support for required practicals, maths skills, and synoptic questions. It's everything students need to revise effectively and fully prepare for their exams, in one convenient book!

Find out more at oxfordsecondary.com/oxfordrevise



Professional know-how

White Rose Maths' mission is to make every teacher of maths a world-class teacher of maths!

The company runs a range of online CPD events, including individual and whole school webinars, which enable teachers to enhance their skills and knowledge.

There's online training too, plus a comprehensive range of FREE teaching

resources for schools to download.

The WRM team have also produced a FREE home learning video for every small step in their Schemes of Learning. Each video lesson comes with a short explainer, showing parents clearly and simply how to help their child complete the activity successfully.

To find out more, visit whiterosemaths.com



Left to their own devices

Thought 2020 was a year like no other? Step forward 2021! With an increased reliance on technology, how can you ensure pupils are working safely and productively across their online devices?

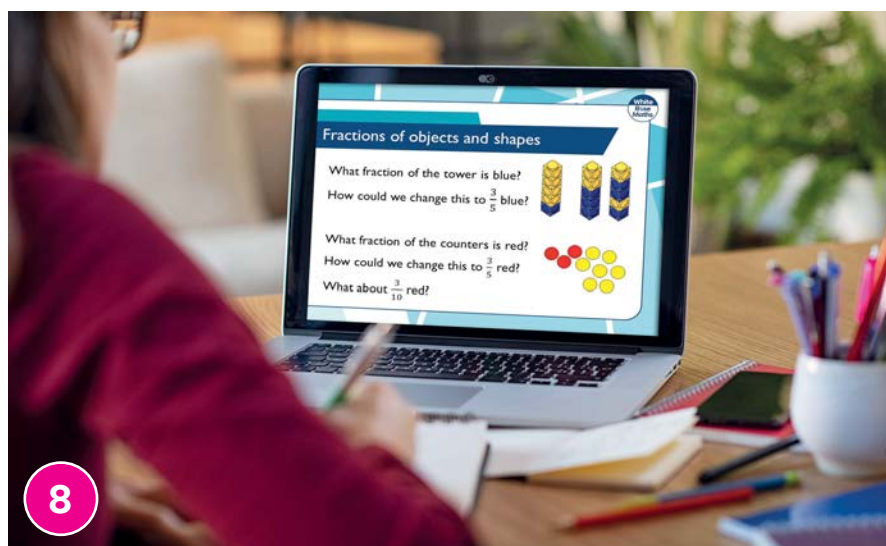
Introduce them to the BCS Level 1 Smart Digital Award in e-Safety. Ofqual-regulated and aligned to the National Curriculum, this brand new qualification addresses ubiquitous device use in 2021, giving pupils the tools to build themselves a responsible digital footprint and a solid learning foundation. It's ideal for KS3 classrooms, complete with workbooks/teaching resources and automated testing, and is ESFA-funded for 14- to 16-year-olds. What's more, pupils can achieve a recognised certification. Want more info? Call us on 01793 417 445, email bcssales@bcs.uk or visit bcs.org/esafety-award



Money talks

Your Money Matters is the only financial education textbook for secondary students in the UK. Covering topics such as borrowing, the world of work, fraud and security, *Your Money Matters* provides young people with the knowledge and skills they need to make wise financial choices, both now and in the future.

First published in England in 2018, editions for each of the devolved nations will be made available later this year, including a dual language Wales edition from September. The updated England edition and brand new Northern Ireland edition – each with their own Teacher's Guide – are now available for download from young-enterprise.org.uk/YMM



Childhood norms must be experienced

Laura Doel believes that catch-up does not exist, but recovery does

Catch-up - a buzz phrase we are all familiar with. When you fall behind you need to catch-up, when you miss something you need to catch-up.

But is this really the phrase we want to use when describing the steps that need to be taken to support our learners? I don't think so. Recovery. It encapsulates all that we want to achieve without the negative connotations that someone or something is to blame for the situation facing schools. We need to take a step back from the noise around catch-up and the two elements that are driving forward this, to support well-being and stop any more lost learning.

Logic

We need to be honest and say that recovery is going to take time, we are all going to be in this for the long-haul and that is ok. There is a logic to the notions of extra schooling on Saturdays, extending the school day and summer term. But it only equates to helping make up the hours and will do nothing to support the crucial issue of a child's capacity to learn.

A child's capacity for learning has not changed just because of the pandemic, making them 'learn' for longer will not help. We want to steer clear of compounding the wellbeing issues undoubtedly facing children by keeping them in school for longer. They need to experience their childhood norms again.



“Schools will need the flexibility to focus on the needs of the children in their care.”

Our children have missed out on interaction with other children, they need to be allowed to play, see friends and enjoy all those experiences that are so important to their social development.

What we need to focus on is allowing educators the time to assess the impact on pupils and delivering quality learning. It is our educators, our skilled workforce who have worked tirelessly to support our children throughout the pandemic, that hold the key to the recovery success. They need to be allowed space and time to access and understand the impact on individual children and then have access to whole system support, educational psychologists, CAHMS, play schemes, sports clubs – whatever it takes, for however long it takes.

Invest

Schools will need the flexibility to focus on the

needs of the children in their care. This will differ in every setting. For some schools this may mean a reduced curriculum, focussing expressly on the basics and well-being. We cannot be afraid to do that if it's in the best interest of the individual.

The best thing any government could do to help is to invest and value the profession. For this to happen, we need to look at teacher retention and quality professional development.

Now is not the time to lose teachers, we need to do all we can to retain them. Data showed that there has been a retention issue even before the pandemic and we want to ensure that the best people stay with us to support recovery.

Quality professional development is another. We know there is some great work being done to support professional

development, but we need to build on that work.

Preparation

Finally, everyone needs to understand what it means to be a teacher. The misguided view that they have endless holidays and finish work early has meant that what was a throw-away line about the profession has become the perceived reality for the public.

If you have been a teacher or a lecturer, you know that preparation is everything. What you do away from the chalk-face is crucial to a successful lesson. It is as important as what you do in front of your learners. This is a really important point for policy-makers going forward and anyone who thinks more hours with children will speed up recovery. It won't.

We need to listen to the experts, file the notion of catch-up in the bin and let the profession tell you what they need to support our children.

ABOUT THE AUTHOR

Laura Doel, director of NAHT Cymru



Pearson Edexcel GCSE (9-1) Computer Science 2020

Help students develop the computational skills they need for an exciting digital future beyond the classroom by:

- developing **problem solving skills** and work with **coding and computers**
- improving their **programming skills**
- learning to **write code** in a practical fashion.

“It is fantastic to see children who are being really challenged to code... it gives a logical structure around ideas and breaking down problems that is core to most of our lives.”

Dr Andrew Middleton, Director of
Computer Science, Holmes Chapel
Comprehensive School

Innovative onscreen assessments

A focus on the ability to analyse and solve problems by designing, writing, testing and refining programs.



Girls in Computing



At Pearson, we're here to help inspire and **encourage young women to take an interest in our digital qualifications**. Whether they are aspiring **app developers**, digital media producers, or just want to develop a broad overview of IT skills, there is a pathway for everyone.

“My one piece of advice for girls doing computing is don't let anybody tell you that you can't, because you can.”

Katie-Jane Morris,
Art Manager,
TT Games

Learn more about the qualification and our extensive support:

quals.pearson.com/CompSciDigital





The **FLEX**™

Flexible Personal Range
Storage & Charging Lockers



ClassBuddy™

Cost Effective Charging
Trolleys & Lockers



0800 130 3456



sales@lapsafe.com



lapsafe.com

LapSafe®