

Cambridge Primary Science

Resource List Stages 3 - 6

Cambridge
Primary

www.XtremePapers.com



UNIVERSITY of CAMBRIDGE
International Examinations
Excellence in education

Cambridge Primary Resource List, Science: Stages 3 - 6

December, 2011

There are three categories of resources listed in this PDF: resources that are endorsed by Cambridge, recommended by Cambridge or suggested by teachers. A description of each of these categories is provided below. Please note that where Cambridge has reviewed a series of books or resources that contain a very large number of items within a single scheme, teachers should use their own judgement to evaluate the cultural sensitivity of the material according to their own particular requirements.

Publications endorsed by Cambridge

These are resources that have been written to be closely aligned to the syllabus they support, and have been through a detailed quality assurance process. As new resources are published we will review these against the curriculum frameworks and publish their details in the relevant section below.

Publications recommended by Cambridge

These are resources that have been through a short quality assurance process in which their content has been reviewed against the part or parts of the syllabus they support, and found to offer good quality material suitable for use with the Cambridge programme. This means that they form a useful source but cannot be used to deliver the programme on their own. As new resources are published we will review these against the curriculum frameworks and publish their details in the relevant section below.

Publications suggested by teachers

These are resources that have not been through the Cambridge quality assurance process but have been found suitable for use with various parts of the syllabus by teachers. Further guidance on resources is available to registered centres on the Cambridge Primary website <https://cambridgeprimary.cie.org.uk>

How the revision of Cambridge Primary impacts on available resources

The revision of the Cambridge Primary curriculum frameworks has focused on generating a more active learning approach for English, Mathematics and Science. In addition, there are a number of new features accompanying the programme (e.g. Cambridge Progression Tests for each subject from stage 3, curriculum frameworks for each stage, the new Cambridge Primary Checkpoint tests etc). A full summary of the changes is available for Cambridge Primary schools on <https://cambridgeprimary.cie.org.uk> in the Key Changes documents.

The existing resources for the previous programme remain valid and still provide a good pool of material from which to select learning activities to match the revised learning objectives.

Teachers should review their use of these activities to ensure that learners are able to practise the newly emphasised skills (problem-solving and investigation for example) but the topic areas remain very similar. Existing materials may need to be supplemented if any of the listed 'new areas' are not sufficiently covered. Please check the Key Changes documents to identify these areas.

Publications suggested by teachers: Cambridge Primary, Science Stages 3 - 6

Series title	Item	ISBN	Author(s)	Book	CD	Website	Website address	Publisher	Year of publication
For Teachers <i>and</i> Students									
Achieve Level 4 Science Practice Questions		9781846802775	Page, G.	✓			www.risingstars-uk.com	Rising Stars UK Ltd	2005
Explore Science International Edition	A comprehensive, easy-to-use, six-level science programme. Revised especially for International Schools studying Cambridge Primary.	Various	Various	✓	✓		www.pearsonschoolsandcolleges.co.uk	Heinemann	Various
Hodder Science: Pupil's Book A (Second Edition)		9780340886717	Williams, J., Heslop, N. and Brodie, D.	✓			www.hoddereducation.co.uk	Hodder Education	2004
Key Stage 1 Science Success Guide		9781843150022	Huggins – Cooper. L.	✓			http://www.lettsandlonsdale.com	Letts Educational Ltd	2001
KS1 Science: Study Book		9781841462806	Coordination Group Publications	✓			www.cgpbbooks.co.uk	Coordination Group Publications	1999
KS2 Revisewise Science Study Book		9780563515579	Coltman, P., Warwick, P. and Webster, J.	✓			www.bbcbactive.com	BBC Active	2005
Oxford First Science Dictionary		9780199116447	Peacock, G.	✓			www.ukcatalogue.oup.com	Oxford University Press	2008
Oxford Primary Science Dictionary		9780199116867	Peacock, G.	✓			www.ukcatalogue.oup.com	Oxford University Press	2008
Science KS3: Year 7 (World of)		9781843155546	Sadler, J. and Clare, E.	✓			http://www.lettsandlonsdale.com	Letts Educational Ltd	2005
So You Really Want to Learn Science Book 1		9781902984216	Pickering, W. R.	✓			www.galorepark.co.uk	Galore Park	2003
So You Really Want to Learn Science Book 2		9781902984377	Pickering, W. R.	✓			www.galorepark.co.uk	Galore Park	2004
Spotlight Science: Assessment Resource Bank 7		9780748774784	Ryan, L., Johnson, K., Williams, G. and Adamson, S.	✓			www.nelsonthornes.com	Nelson Thornes	2003
Bitesize Science	Excellent notes and revision. Based on English National Curriculum.					✓	www.bbc.co.uk		
Games and revision in science	Superb resources for teachers and games/revision for pupils.					✓	www.ontariosciencecentre.ca/scizo ne		

Publications suggested by teachers: Cambridge Primary, Science Stages 3 - 6

Series title	Item	ISBN	Author(s)	Book	CD	Website	Website address	Publisher	Year of publication
NASA	Excellent and very informative					✓	www.nasa.com		
Revision game	Excellent revision games for pupils					✓	www.woodlands-junior.kent.sch.uk/		
Science slides	Animations to explain difficult concepts in science					✓	www.brainpop.com		
Space	Informative with excellent photos					✓	www.solarviews.com		
Books for Teachers				✓					
100 Ideas for Teaching Science		9780826485472	Archer, S.	✓			www.continuumbooks.com	Continuum International Publishing Group	2006
100 Science Lessons for Year 1		9780439945035	Creary, C. and Wilson, G.	✓			www.shop.scholastic.co.uk	Scholastic	2007
100 Science Lessons for Year 2		9780439945042	Creary, C. and Wilson, G.	✓			www.shop.scholastic.co.uk	Scholastic	2007
100 Science lessons for Year 3 (New Edition)		9780439945059	Anderson, M.	✓			www.shop.scholastic.co.uk	Scholastic	2007
100 Science Lessons for Year 4		9780439945066	McMahon, K.	✓			www.shop.scholastic.co.uk	Scholastic	2007
100 Science Lessons for Year 5		9780439945073	McMahon, K.	✓			www.shop.scholastic.co.uk	Scholastic	2007
101 Red Hot Science Starters		9781840854619	King, N. and Hatton, S.	✓			http://www.lettsandlonsdale.com	Letts Educational Ltd	2003
Active Assessment for Science Thinking, Learning and Assessment in Science		9781843121459	Naylor, S., Keogh, B. and Goldworthy, A.	✓			www.routledge.com	David Fulton Publishers	2005
Developing Science - Y1		9780713666403	Moorcroft, C.	✓			www.acblack.com	A & C Black	2003
Developing Science - Y2		9780713666410	Moorcroft, C.	✓			www.acblack.com	A & C Black	2004
Developing Science - Y3		9780713666427	Moorcroft, C.	✓			www.acblack.com	A & C Black	2004
Developing Science – Yr R		9780713666397	Moorcroft, C.	✓			www.acblack.com	A & C Black	2003

Publications suggested by teachers: Cambridge Primary, Science Stages 3 - 6

Publications suggested by teachers: Cambridge Primary, Science Stages 3 - 6									
Series title	Item	ISBN	Author(s)	Book	CD	Website	Website address	Publisher	Year of publication
Explore Science International Edition	A comprehensive, easy-to-use, six-level science programme. Revised especially for International Schools studying Cambridge Primary.	Various	Various	✓	✓		www.pearsonschoolsandcolleges.co.uk	Heinemann	Various
Getting the Buggers into Science		9780826473974	Farmery, C.	✓			www.continuumbooks.com	Continuum International Publishing Group	2005
Learning Targets - Science Key Stage 2		9780748761654	Clemson, W.	✓			www.nelsonthornes.com	Nelson Thornes	2001
Primary Science Kit		various	various	✓			www.nelsonthornes.com	Nelson Thornes	various
Science for Primary and Early Years: Developing Subject Knowledge		9781412946124	Devereux, J.	✓			www.uk.sagepub.com	Sage Publications Ltd	2007
Teaching Science in the Primary Classroom: A Practical Guide		9781412903400	Ward, H., Roden, J., Hewlett, C. and Foreman, J.	✓			www.sagepub.co.uk	Sage Publications Ltd	2005
Year 7 Interactive Science Starts	For use with SMART board and Promethean.	SMART board: 9781844247790 Promethean: 9781844247806	Parker, J.		✓		www.badger-publishing.co.uk	Badger Publishing	2006
Crocodile Clips	Software for schools. Includes some free software offers.					✓	www.crocodile-clips.com/		
Data Harvest	Primary datalogging page, including software and equipment.					✓	www.data-harvest.co.uk/		
Flowol	Control simulation software.					✓	www.flowol.com		
Kent NGFL	Suggested applications of ICT for use in Science.					✓	www.kented.org.uk		
LCSI	Publisher of constructivist educational software.					✓	www.microworlds.com		
School Science	Central point of reference for Science teachers and technicians. Developed by The Association for Science Education.					✓	www.schoolscience.co.uk/		

Publications suggested by teachers: Cambridge Primary, Science Stages 3 - 6

Series title	Item	ISBN	Author(s)	Book	CD	Website	Website address	Publisher	Year of publication
Science	A complicated website to use but very good information for teachers' own use and research.					✓	www.teachernet.gov.uk		
Science ideas	Easy to use website with good information.					✓	www.teachingideas.co.uk		
Science lessons	Hundreds of lesson plans for all pupil ages. Teacher resources are free.					✓	www.lessonplanspage.com/		
Science lessons	Basic science resources which non specialists may find useful.					✓	www.primaryresources.co.uk/		
Science lessons	Lesson plans, work sheets for teachers. Whole website not completed yet. Limited access if not subscriber.					✓	www.primaryschoolscience.com/		
Science@School	Materials and web support for primary Science.					✓	www.science-at-school.com/		
Softronics	Free educational software.					✓	www.softronix.com/		
Books for Students				✓					
Key Stage 1 Science	The Study Book	9781841462806	Parsons, R.	✓			www.cgpbooks.co.uk	Coordination Group Publications	1999
Key Stage 2 Science	The Study Book	9781841462509	Parsons, R.	✓			www.cgpbooks.co.uk	Coordination Group Publications	1999
Key Stage 3 Science	The Study Book	9781841462394	Parsons, R.	✓			www.cgpbooks.co.uk	Coordination Group Publications	1999
Key Stage 3 Science	The Revision Guide (Levels 5-7)	9781841462301	Parsons, R. and Gannon, P.	✓			www.cgpbooks.co.uk	Coordination Group Publications	1999
Become A Science Explorer					✓		www.dorlingkindersley-uk.co.uk	Dorling Kindersley Ltd	n/a
I love Science					✓		www.dorlingkindersley-uk.co.uk	Dorling Kindersley Ltd	n/a
Play and Learn Science Experiments					✓		www.dorlingkindersley-uk.co.uk	Dorling Kindersley Ltd	n/a