

Cambridge Secondary 1 Science

Resource List

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Cambridge Secondary 1 Resource List: Science

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 published 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 Secondary 1 website <https://cambridgesecondary1.cie.org.uk>

How the revision of Cambridge Secondary 1 impacts on available resources

The revision of the Cambridge Secondary 1 curriculum frameworks has focused on generating a more active learning approach for English, Mathematics and Science. In addition, there are now Cambridge Progression Tests for each subject at all three stages. A full summary of the changes is available for Cambridge Secondary 1 schools on <https://cambridgesecondary1.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 endorsed by Cambridge: Cambridge Secondary 1, Science									
Series title	Item	ISBN	Author(s)	Book	CD	Website	Website address	Publisher	Year of publication
Cambridge Checkpoint Science	Student's Book 1	9781444126037	Peter D Riley	✓			www.hoddereducation.co.uk	Hodder Education	2011

Publications recommended by Cambridge: Cambridge Secondary 1, Science

Series title	Item	ISBN	Author(s)	Book	CD	Website	Website address	Publisher	Year of publication
International Science	Coursebook 1	9780340966037	Morrison, K	✓			http://www.hoddereducati	Hodder Education	2011
International Science	Workbook 1	9780340966006	Morrison, K	✓			http://www.hoddereducati	Hodder Education	2011
International Science	Teacher's Guide 1	9780340966044	Morrison, K	✓			http://www.hoddereducati	Hodder Education	2011
International Science	Coursebook 2	9780340966051	Morrison, K	✓			http://www.hoddereducati	Hodder Education	2011
International Science	Workbook 2	9780340966075	Morrison, K	✓			http://www.hoddereducati	Hodder Education	2011
International Science	Teacher's Guide 2	9780340966013	Morrison, K	✓			http://www.hoddereducati	Hodder Education	2011
International Science	Coursebook 3	9780340966020	Morrison, K	✓			http://www.hoddereducati	Hodder Education	2011
International Science	Workbook 3	9780340965993	Morrison, K	✓			http://www.hoddereducati	Hodder Education	2011
International Science	Teacher's Guide 3	9780340966068	Morrison, K	✓			http://www.hoddereducati	Hodder Education	2011
Science Works	KS3 science curriculum - integrates Assessing Pupils' Progress (APP) and How Science Works - for Year 7, Year 8 and Year 9	Various	Various	✓	✓		http://ukcatalogue.oup.co	Oxford University	Various

Publications suggested by teachers: Cambridge Secondary 1, Science

Series title	Item	ISBN	Author(s)	Book	CD	Website	Website address	Publisher	Year of publication
<u>Suggested Textbooks</u>									
Core Biology	Class Book	9780521666398	Jean Martin	✓			www.cambridge.org	Cambridge University Press	1999
Core Chemistry	Class Book	9780521666381	John Mills & Peter Evans	✓			www.cambridge.org	Cambridge University Press	1999
Core Physics	Class Book	9780521666374	Bryan Milner	✓			www.cambridge.org	Cambridge University Press	1999
Core Science 1	Class Book	9780521588508	Bryan Milner, John Martin & Peter Evans (Ed.)	✓			www.cambridge.org	Cambridge University Press	1998
Core Science 2	Class Book	9780521588492	Bryan Milner, John Martin & Peter Evans (Ed.)	✓			www.cambridge.org	Cambridge University Press	1998
Core Science Homework		9780521666602	Bryan Milner & Jean Martin	✓			www.cambridge.org	Cambridge University Press	1999
Spotlight Science – Framework Edition	Pupil Book 7	9780748774722	Keith Johnson, Lawrie Ryan, Sue Adamson & Gareth Williams	✓			www.nelsonthornes.com	Nelson Thornes	2003
Spotlight Science – Framework Edition	Pupil Book 8	9780748774739	Keith Johnson, Lawrie Ryan, Sue Adamson & Gareth Williams	✓			www.nelsonthornes.com	Nelson Thornes	2003
Spotlight Science – Framework Edition	Pupil Book 9	9780748774746	Keith Johnson, Lawrie Ryan, Sue Adamson & Gareth Williams	✓			www.nelsonthornes.com	Nelson Thornes	2004
Spotlight Science – Framework Edition	Teacher Support Pack 7	9780748774753	Keith Johnson, Lawrie Ryan, Sue Adamson & Gareth Williams	✓			www.nelsonthornes.com	Nelson Thornes	2003
Spotlight Science – Framework Edition	Teacher Support Pack 8	9780748774760	Keith Johnson, Lawrie Ryan, Sue Adamson & Gareth Williams	✓			www.nelsonthornes.com	Nelson Thornes	2001

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Series title	Item	ISBN	Author(s)	Book	CD	Website	Website address	Publisher	Year of publication
Spotlight Science – Framework Edition	Teacher Support Pack 9	9780748774777	Keith Johnson, Lawrie Ryan, Sue Adamson & Gareth Williams	✓			www.nelsonthornes.com	Nelson Thornes	2004
Supplementary Materials	Biology	9780521778046	Jean Martin	✓			www.cambridge.org	Cambridge University Press	1999
Supplementary Materials	Chemistry	9780521778039	John Mills & Peter Evans	✓			www.cambridge.org	Cambridge University Press	1999
Supplementary Materials	Physics	9780521778053	Bryan Milner	✓			www.cambridge.org	Cambridge University Press	1999
World of Science:	Teacher's Guide 2	9780199147014	Graham Booth, Bob McDuell & John Sears	✓			www.ukcatalogue.oup.com/	Oxford University Press	1999
World of Science:	Students' Book 1	9780199146970	Graham Booth, Bob McDuell & John Sears	✓			www.ukcatalogue.oup.com/	Oxford University Press	1999
World of Science:	Students' Book 2	9780199146987	Graham Booth, Bob McDuell & John Sears	✓			www.ukcatalogue.oup.com/	Oxford University Press	1999
World of Science:	Students' Book 3	9780199146994	Graham Booth, Bob McDuell & John Sears	✓			www.ukcatalogue.oup.com/	Oxford University Press	1999
<u>Teacher and Running Practical Science</u>									
The International Practical Science Guide: Advice and Activities for Science in the Classroom (The Association for Science Education and University of Cambridge International Examinations)	Free download available from CIE website . Hard copies available to order from CIE Publications using Publications Catalogue.					✓	www.cie.org.uk/profiles/teachers/support	University of Cambridge International Examinations	
<u>Publisher Websites</u>									
Cambridge University Press						✓	www.cambridge.org/education		
Hodder Murray						✓	www.hoddereducation.com		

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Series title	Item	ISBN	Author(s)	Book	CD	Website	Website address	Publisher	Year of publication
Letts Educational						✓	www.lettsandlonsdale.com		
Nelson Thornes						✓	www.nelsonthornes.com		
Oxford University Press						✓	www.oup.co.uk		