

Cambridge Secondary 1

Mathematics

Resource List

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Cambridge Secondary 1 Resource List: Mathematics

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 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, Mathematics

| Series title | Item | ISBN | Author(s) | Book | CD | Website | Website address | Publisher | Year of publication |
|----------------------------|---------------------------|---------------|--------------------------|------|----|---------|---|------------------|---------------------|
| Cambridge Checkpoint Maths | Student's Book 1 | 9781444143959 | Ric Pimentel, Terry Wall | ✓ | | | http://www.hoddereducation.com | Hodder Education | 2011 |
| | Workbook 1 | 9781444144017 | Ric Pimentel, Terry Wall | ✓ | | | http://www.hoddereducation.com | Hodder Education | 2011 |
| | Teacher's Resource Book 1 | 9781444143928 | Ric Pimentel, Terry Wall | ✓ | ✓ | | http://www.hoddereducation.com | Hodder Education | 2011 |
| | Student's Book 2 | 9781444143973 | Ric Pimentel, Terry Wall | ✓ | | | http://www.hoddereducation.com | Hodder Education | 2011 |
| | Student's Book 3 | 9781444143997 | Ric Pimentel, Terry Wall | ✓ | | | http://www.hoddereducation.com | Hodder Education | 2011 |

Publications recommended by Cambridge: Cambridge Secondary 1, Mathematics

| Series title | Item | ISBN | Author(s) | Book | CD | Website | Website address | Publisher | Year of publication |
|------------------------|--|---------|-----------|------|----|---------|---|-------------------------|---------------------|
| MathsLinks | Years 7, 8 and 9 | Various | Various | ✓ | ✓ | | http://ukcatalogue.oup.com/product/education/secondary/maths/9780199153152001000.do | Oxford University Press | Various |
| New Maths Frameworking | This series offers a range of resources comprising pupil books, practice books, write-in workbooks, teacher packs, additional support, interactive book CDs and an assessment CD | Various | Various | ✓ | ✓ | | http://www.collinseducation.com | Collins Education | 2011 |

Publications suggested by teachers: Cambridge Secondary 1, Mathematics

| Series title | Item | ISBN | Author(s) | Book | CD | Website | Website address | Publisher | Year of publication |
|---|------------------------------|---------------|-----------|------|----|---------|--|-------------------|---------------------|
| <i>Suggested Textbooks</i> | | | | | | | | | |
| Impact Maths Blue 2 | Impact Maths Blue 2 (Y8) | 9780435017958 | Various | ✓ | | | www.pearsonschoolsandcolleges.co.uk | Heinemann | 2000 |
| Impact Maths Green 1 | Impact Maths Green 1 (Y7) | 9780435017613 | Various | ✓ | | | www.pearsonschoolsandcolleges.co.uk | Heinemann | 1999 |
| Impact Maths Green 2 | Impact Maths Green 2 (Y8) | 9780435017941 | Various | ✓ | | | www.pearsonschoolsandcolleges.co.uk | Heinemann | 2000 |
| Impact Maths Red 1 (Revised) | Impact Maths Red 1 (Revised) | 9780435017583 | Various | ✓ | | | www.pearsonschoolsandcolleges.co.uk | Heinemann | 2000 |
| Impact Maths Red 3 | Impact Maths Red 3 (Y9) | 9780435018337 | Various | ✓ | | | www.pearsonschoolsandcolleges.co.uk | Heinemann | 2002 |
| <i>Publisher Websites</i> | | | | | | | | | |
| Heinemann | | | | | | ✓ | www.pearsonschoolsandcolleges.co.uk | Heinemann | |
| Hodder Education | | | | | | ✓ | www.hoddereducation.com | Hodder Education | |
| Letts Educational | | | | | | ✓ | www.lettsandlonsdale.com | Letts Educational | |
| <i>Recommended Websites</i> | | | | | | | | | |
| There are many websites with useful general mathematical content at a variety of levels. The small number of sites listed below have their own links to further useful sites. | | | | | | | | | |
| | | | | | | ✓ | www.counton.org | | |
| | | | | | | ✓ | www.math.com | | |
| | | | | | | ✓ | www.maths-help.co.uk | | |
| | | | | | | ✓ | www.mathsnet.net | | |