

**Cambridge Primary**  
Mathematics

**Resource List**  
Stages 4 - 6

Cambridge  
**Primary**

[www.XtremePapers.com](http://www.XtremePapers.com)



UNIVERSITY *of* CAMBRIDGE  
International Examinations  
Excellence in education

# Cambridge Primary Resource List, Mathematics: Stages 4 - 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 recommended by Cambridge: Cambridge Primary, Mathematics Stages 4 - 6

Series title	Item	ISBN	Author(s)	Book	CD	Website	Website address	Publisher	Year of publication
Nelson International Mathematics 4 (8 - 9 year olds)	Pupil's Book 4	978-1-4085-0776-6	Various	✓			<a href="http://www.nelsonthornes.com/wps/portal/nelson-international-mathematics">http://www.nelsonthornes.com/wps/portal/nelson-international-mathematics</a>	Nelson Thornes	2011
	Workbook 4	978-1-4085-0772-8	Various	✓			<a href="http://www.nelsonthornes.com/wps/portal/nelson-international-mathematics">http://www.nelsonthornes.com/wps/portal/nelson-international-mathematics</a>	Nelson Thornes	2011
	Teacher's Guide 4	978-1-4085-0782-7	Various	✓			<a href="http://www.nelsonthornes.com/wps/portal/nelson-international-mathematics">http://www.nelsonthornes.com/wps/portal/nelson-international-mathematics</a>	Nelson Thornes	2011
Nelson International Mathematics 5 (9 - 10 year olds)	Pupil's Book 5	978-1-4085-0777-3	Various	✓			<a href="http://www.nelsonthornes.com/wps/portal/nelson-international-mathematics">http://www.nelsonthornes.com/wps/portal/nelson-international-mathematics</a>	Nelson Thornes	2011
	Workbook 5	978-1-4085-0773-5	Various	✓			<a href="http://www.nelsonthornes.com/wps/portal/nelson-international-mathematics">http://www.nelsonthornes.com/wps/portal/nelson-international-mathematics</a>	Nelson Thornes	2011
	Teacher's Guide 5	978-1-4085-0783-4	Various	✓			<a href="http://www.nelsonthornes.com/wps/portal/nelson-international-mathematics">http://www.nelsonthornes.com/wps/portal/nelson-international-mathematics</a>	Nelson Thornes	2011
Nelson International Mathematics 6 (11 - 12 year olds)	Pupil's Book 6	978-1-4085-0778-0	Various	✓			<a href="http://www.nelsonthornes.com/wps/portal/nelson-international-mathematics">http://www.nelsonthornes.com/wps/portal/nelson-international-mathematics</a>	Nelson Thornes	2011
	Workbook 6	978-1-4085-0774-2	Various	✓			<a href="http://www.nelsonthornes.com/wps/portal/nelson-international-mathematics">http://www.nelsonthornes.com/wps/portal/nelson-international-mathematics</a>	Nelson Thornes	2011
	Teacher's Guide 6	978-1-4085-0784-1	Various	✓			<a href="http://www.nelsonthornes.com/wps/portal/nelson-international-mathematics">http://www.nelsonthornes.com/wps/portal/nelson-international-mathematics</a>	Nelson Thornes	2011

## Publications suggested by teachers: Cambridge Primary, Mathematics Stages 4 - 6

Series title	Item	ISBN	Author(s)	Book	CD	Website	Website address	Publisher	Year of publication
<b>For Teachers</b>									
Abiator's Active Classroom	good for problem solving practice					✓	<a href="http://www.berghuis.co.nz/abiator/mathsindex.html">www.berghuis.co.nz/abiator/mathsindex.html</a>		
Arithmetic CD	Contains over 1700 basic arithmetic lessons for K-8 grade students - all lessons have an explanation, interactive practice, and challenge games				✓		<a href="http://www.aaamath.com/cd/">www.aaamath.com/cd/</a>		
Brain Boosters	very good range of Number and Math Play, Reasoning, Logic and Lateral Thinking problems, particularly appropriate for stage 6 pupils					✓	<a href="http://school.discovery.com/brainboosters/">school.discovery.com/brainboosters/</a>		
Funbrain	Good range of interactive games - 'game finder' facility helps parents and teachers to locate appropriate levels of games.					✓	<a href="http://www.funbrain.com/teachers/curric.html">www.funbrain.com/teachers/curric.html</a>		
Gold Medal Math	Reinforces maths skills for students in grades 2-6 through ten unique 3-D animated sporting events.					✓	<a href="http://www.edven.com">www.edven.com</a>	Available from EdVenture Software	
MathTutor5	MathTutor5: a multimedia mathematics program for grades 4-6 and a mathematics toolbar that helps improve a student's maths skills					✓	<a href="http://www.infomath.com/html/mathtutor5.asp">www.infomath.com/html/mathtutor5.asp</a>		
Mathville	Series of K-10 math CD-ROMs					✓	<a href="http://www.mathville.com">www.mathville.com</a>	Courseware Solutions Inc.	
Puzzlemaker	Good range of printable interactive puzzles, covering language and mathematics. Puzzles best created by teachers or stage 6 pupils, due to complexity of language in the instructions.					✓	<a href="http://www.puzzlemaker.com/">www.puzzlemaker.com/</a>		
Various	Good extensive source materials - lesson plans and support resources (covers years 1-6)					✓	<a href="http://www.mathsphere.co.uk">www.mathsphere.co.uk</a>		
<b>For Students</b>									
aaamath	Huge, excellent site for teachers and pupils. Great Index of Exercises which provides a vast range of explanations and simple interactive test exercises for pupils. Very good links also to other interactive sites where e.g. brain teasers and other puzzles can be found.					✓	<a href="http://www.aaamath.com/">www.aaamath.com/</a>		
Abiator's Times Tables Emporium	excellent for times tables practice					✓	<a href="http://www.berghuis.co.nz/abiator/tables/frame1.html">www.berghuis.co.nz/abiator/tables/frame1.html</a>		
Enjoy Maths	KS1/2 and KS3/4 maths worksheets Certified by Curriculum Online (subscription required)					✓	<a href="http://www.enjoymaths.co.uk">www.enjoymaths.co.uk</a>		
Funbrain - Shape Surveyor	Shape Surveyor - good consolidation of two concepts which are often mistaken – area and perimeter.					✓	<a href="http://www.funbrain.com/poly/index.html">www.funbrain.com/poly/index.html</a>		

Publications suggested by teachers: Cambridge Primary, Mathematics Stages 4 - 6									
Series title	Item	ISBN	Author(s)	Book	CD	Website	Website address	Publisher	Year of publication
I love maths CD-ROM	Animated time travel adventure				✓		<a href="http://www.avanquest.com">www.avanquest.com</a>	Avanquest Software	
Maths is Fun	Good explanations of mathematical concepts and ideas					✓	<a href="http://www.mathsisfun.com/">www.mathsisfun.com/</a>		
The ArithmAttack	Downloadable, simple interactive consolidation tests across the 4 number operators (& randomises within these). Teacher or pupil can differentiate by choice of numbers.					✓	<a href="http://www.dep.anl.gov/aattack.htm">www.dep.anl.gov/aattack.htm</a>		
<b>Teaching with ICT - General Resources</b>									
2Simple Software	Educational software					✓	<a href="http://www.2simple.com">www.2simple.com</a>		
Ambleside CE Primary School	Lesson and planning links					✓	<a href="http://www.amblesideprimary.com/ambweb/teacher.htm">www.amblesideprimary.com/ambweb/teacher.htm</a>		
BBC	Schools page with learning resources for home and school					✓	<a href="http://www.bbc.co.uk/schools">www.bbc.co.uk/schools</a>		
Cambridge University Press	Primary page, including new books and software from Cambridge-Hitachi					✓	<a href="http://www.cambridge.org/uk/education/primary/">www.cambridge.org/uk/education/primary/</a>		
Crick Software	Reading and writing software					✓	<a href="http://www.cricksoft.com">www.cricksoft.com</a>		
Granada Learning	Curriculum-based, multimedia resources					✓	<a href="http://www.granada-learning.com">www.granada-learning.com</a>		
Heinemann Explore	Cross-curricular learning resources					✓	<a href="http://www.heinemannexplore.com">www.heinemannexplore.com</a>		
Logotron Educational Software	Primary and secondary educational software					✓	<a href="http://www.logotron.co.uk">www.logotron.co.uk</a>		
New Primary Maths	Includes Teacher's Guides with CD-ROMs	various	Edited by Clarke, P.	✓			<a href="http://www.collinseducation.com">www.collinseducation.com</a>	Collins Education	various
NRICH	Resources to enrich students' mathematical experiences. Developed by University of Cambridge.					✓	<a href="http://rich.maths.org/public/index.php">rich.maths.org/public/index.php</a>		
Oxford First Maths Dictionary		9780199111640	Patilla, P.	✓			<a href="http://www.oup.co.uk">www.oup.co.uk</a>	Oxford University Press	2008
Oxford Primary Maths Dictionary		9780199109319	Patilla, P.	✓			<a href="http://www.oup.co.uk">www.oup.co.uk</a>	Oxford University Press	2008
ScienceWeb	Ready-made worksheets and interactives for primary teaching. Annual subscription service.					✓	<a href="http://www.scienceweb.org.uk">www.scienceweb.org.uk</a>		
Smile Mathematics	Mathematical software and printed resources designed to encourage investigative and problem-solving approach to Mathematics					✓	<a href="http://smilemathematics.co.uk/frameaset.html">smilemathematics.co.uk/frameaset.html</a>		
Softasee	Educational ICT tools for the curriculum by Rmeducation Lightbox.					✓	<a href="http://www.softasee.com">www.softasee.com</a>		
Teachers Evaluating Educational Multimedia	Directory and resource bank of evaluations of digital resources for teachers					✓	<a href="http://www.teemeducation.org.uk">www.teemeducation.org.uk</a>		

**Publications suggested by teachers: Cambridge Primary, Mathematics Stages 4 - 6**

Series title	Item	ISBN	Author(s)	Book	CD	Website	Website address	Publisher	Year of publication
White Space	Literacy and numeracy software developed for dyslexics					✓	<a href="http://www.wordshark.co.uk">www.wordshark.co.uk</a>		