

Cambridge Primary Mathematics

Resource List Stages 4 - 6

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Primary

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Cambridge Primary Resource List: Mathematics, Stages 4 - 6

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 Primary website <https://cambridgeprimary.cie.org.uk>

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	9781408507766	Various	✓			Link to more info and samples	Nelson Thornes	2011
	Workbook 4	9781408507728	Various	✓			Link to more info and samples	Nelson Thornes	2011
	Teacher's Guide 4	9781408507827	Various	✓			Link to more info and samples	Nelson Thornes	2011
Nelson International Mathematics 5 (9 - 10 year olds)	Pupil's Book 5	9781408507773	Various	✓			Link to more info and samples	Nelson Thornes	2011
	Workbook 5	9781408507735	Various	✓			Link to more info and samples	Nelson Thornes	2011
	Teacher's Guide 5	9781408507834	Various	✓			Link to more info and samples	Nelson Thornes	2011
Nelson International Mathematics 6 (11 - 12 year olds)	Pupil's Book 6	9781408507780	Various	✓			Link to more info and samples	Nelson Thornes	2011
	Workbook 6	9781408507742	Various	✓			Link to more info and samples	Nelson Thornes	2011
	Teacher's Guide 6	9781408507841	Various	✓			Link to more info and samples	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
For Teachers									
Abiator's Active Classroom	Good for problem solving practice					✓	www.berghuis.co.nz/abiator/mathsindex.html		
Arithmetic CD	Contains over 1700 basic arithmetic lessons for K-8 grade students - all lessons have an explanation, interactive practice, and challenge games				✓		www.aaamath.com/cd/		
Brain Boosters	Very good range of Number and Math Play, Reasoning, Logic and Lateral Thinking problems, particularly appropriate for stage 6 pupils					✓	school.discovery.com/brainboosters/		
Funbrain	Good range of interactive games - 'game finder' facility helps parents and teachers to locate appropriate levels of games.					✓	www.funbrain.com/teachers/curric.html		
Gold Medal Math	Reinforces maths skills for students in grades 2-6 through ten unique 3-D animated sporting events.				✓		www.edven.com	Available from EdVenture Software	
Mathsphere	Good extensive source materials - lesson plans and support resources (covers years 1-6)				✓		www.mathsphere.co.uk		
MathTutor5	MathTutor5: a multimedia mathematics program for grades 4-6 and a mathematics toolbar that helps improve a student's maths skills				✓		www.infomath.com/html/mathtutor5.asp		
Mathville	Series of K-10 math CD-ROMs				✓		www.mathville.com	Courseware Solutions Inc.	
New Heinemann Maths	This series is perfect for a dip-in resource or as a whole school programme. It covers, organising and planning, teaching resources, pupil resources, assessment and pupil activity software CDs.	Various	Various	✓	✓		www.pearsonschoolsandcolleges.co.uk	Heinemann	Various
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.					✓	www.puzzlemaker.com/		
For Students									
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					✓	www.aaamath.com/		
Abiator's Times Tables Emporium	Excellent for times tables practice					✓	www.berghuis.co.nz/abiator/tables/frame1.html		
Enjoy Maths	KS1/2 and KS3/4 maths worksheets Certified by Curriculum Online (subscription required)					✓	www.enjoymaths.co.uk		

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
Funbrain - Shape Surveyor	Shape Surveyor - good consolidation of two concepts which are often mistaken – area and perimeter.					✓	www.funbrain.com/poly/index.html		
I love maths CD-ROM	Animated time travel adventure				✓		www.avanquest.com	Avanquest Software	
Maths is Fun	Good explanations of mathematical concepts and ideas					✓	www.mathsisfun.com/		
New Heinemann Maths	This series is perfect for a dip-in resource or as a whole school programme. It covers, organising and planning, teaching resources , pupil resources, assessment and pupil activity software CDs.	Various	Various	✓	✓		Link to more info and samples	Heinemann	Various
The ArithmAttack	Downloadable, simple interactive consolidation tests across the 4 number operators (& randomises within these). Teacher or pupil can differentiate by choice of numbers.					✓	www.dep.anl.gov/aattack.htm		
Teaching with ICT - General Resources									
2Simple Software	Educational software					✓	www.2simple.com		
Ambleside CE Primary School	Lesson and planning links					✓	www.amblesideprimary.com/ambleweb/teacher.htm		
BBC	Schools page with learning resources for home and school					✓	www.bbc.co.uk/schools		
Cambridge University Press	Primary page, including new books and software from Cambridge-Hitachi					✓	www.cambridge.org/uk/education/primary/		
Crick Software	Reading and writing software					✓	www.cricksoft.com		
Granada Learning	Curriculum-based, multimedia resources					✓	www.granada-learning.com		
Heinemann Explore	Cross-curricular learning resources					✓	www.heinemannexplore.com		
Logotron Educational Software	Primary and secondary educational software					✓	www.logotron.co.uk		
New Primary Maths	Includes Teacher's Guides with CD-ROMs	various	Edited by Clarke, P.	✓			Link to more info and samples	Collins Education	various
NRICH	Resources to enrich students' mathematical experiences. Developed by University of Cambridge.					✓	rich.maths.org/public/index.php		
Oxford First Maths Dictionary		9780199116430	Patilla, P.	✓			Link to more info and samples	Oxford University Press	2008
Oxford Primary Maths Dictionary		9780199116850	Patilla, P.	✓			Link to more info and samples	Oxford University Press	2008
ScienceWeb	Ready-made worksheets and interactives for primary teaching. Annual subscription service.					✓	www.scienceweb.org.uk		

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
Smile Mathematics	Mathematical software and printed resources designed to encourage investigative and problem-solving approach to Mathematics					✓	smilemathematics.co.uk/frameset.html		
Softease	Educational ICT tools for the curriculum by Rmeducation Lightbox.					✓	www.softease.com		
Teachers Evaluating Educational Multimedia	Directory and resource bank of evaluations of digital resources for teachers					✓	www.teemeducation.org.uk		
White Space	Literacy and numeracy software developed for dyslexics					✓	www.wordshark.co.uk		