

# Maths 1 (DUMF1013)

[View Online](#)

@article{Association of Teachers of Mathematics\_EBSCO Publishing (Firm), address={Derby, England}, title={Mathematics teaching}, publisher={Association of Teachers of Mathematics}, author={Association of Teachers of Mathematics and EBSCO Publishing (Firm)} }

@misc{ title={BBC - Schools Ages 4-11 - Numeracy Sites}, url={https://www.bbc.co.uk/schools/websites/4\_11/site/numeracy.shtml}, author={BBC} }

@book{Cockburn, Anne\_Dawson Books\_2007, address={London}, title={Mathematical understanding 5-11: practical ideas from and for the primary classroom}, url={https://www.vlebooks.com/vleweb/product/openreader?id=GlasgowUni&isbn=9781848605282}, publisher={Paul Chapman}, author={Cockburn, Anne and Dawson Books}, year={2007} }

@misc{ title={Supporting Curriculum for Excellence (CfE), quality and improvement, assessment, community and lifelong learning - Education Scotland}, url={http://www.educationscotland.gov.uk/}, author={Education Scotland} }

@article{Fuson\_Grandau\_Sugiyama\_2001, title={Achievable Numerical Understandings for All Young Children}, volume={7}, url={https://ezproxy.lib.gla.ac.uk/login?url=https://go.galegroup.com/ps/i.do?id=GALE%7CA75452613&v=2.1&u=glasuni&it=r&p=AONE&sw=w&asid=a4e11e90e56f6367a69e9318bc9edb06}, number={9}, journal={Teaching Children Mathematics}, publisher={Expanded Academic ASAP}, author={Fuson, Karen C. and Grandau, Laura and Sugiyama, Patricia A.}, year={2001} }

@book{Gates\_NetLibrary, Inc\_2001, address={London}, title={Issues in mathematics teaching}, volume={Issues in subject teaching}, url={http://ezproxy.lib.gla.ac.uk/login?url=http://www.netLibrary.com/urlapi.asp?action=summary&v=1&bookid=76898}, publisher={Routledge/Falmer}, author={Gates, Peter and NetLibrary, Inc}, year={2001} }

@book{Haylock\_2017, address={London}, edition={5th edition}, title={Understanding mathematics for young children: A guide for teachers of children 3-7, 14}, url={https://elevate.talis.com/textbooks/9781526410009}, publisher={SAGE Publications}, author={Haylock, Derek}, year={2017} }

@misc{Haylock, title={Creativity in Maths}, url={http://www.uk.sagepub.com/haylock/podcast.htm}, author={Haylock, Derek} }

@book{Haylock, Derek\_Thangata, Fiona\_Dawson Books\_2007, address={Los Angeles, CA}, title={Key concepts in teaching primary mathematics}, volume={SAGE key concepts},  
url={https://www.vlebooks.com/vleweb/product/openreader?id=GlasgowUni&isbn=9781849202459}, publisher={SAGE Publications}, author={Haylock, Derek and Thangata, Fiona and Dawson Books}, year={2007} }

@article{National Council of Teachers of Mathematics\_Thomson Gale (Firm)\_1994, address={Reston, VA}, title={Teaching children mathematics}, publisher={National Council of Teachers of Mathematics}, author={National Council of Teachers of Mathematics and Thomson Gale (Firm)}, year={1994} }

@misc{ title={Maths - General Teaching Ideas},  
url={http://www.teachingideas.co.uk/maths/contents.htm}, author={Teaching Ideas} }

@book{Thompson\_2003, address={Maidenhead}, title={Enhancing primary mathematics teaching},  
url={https://www.vlebooks.com/vleweb/product/openreader?id=GlasgowUni&isbn=9780335228065}, publisher={Open University Press}, author={Thompson, Ian}, year={2003} }

@misc{Thompson, title={Numeracy articles},  
url={http://www.ianthompson.pi.dsl.pipex.com/index\_files/Page352.htm},  
author={Thompson, Ian} }

@book{Thompson\_Dawson Books\_2003, address={Maidenhead}, title={Enhancing primary mathematics teaching},  
url={https://www.dawsonera.com/guard/protected/dawson.jsp?name=https://idp.gla.ac.uk/shibboleth&dest=http://www.dawsonera.com/depp/reader/protected/external/AbstractView/S9780335228065}, publisher={Open University Press}, author={Thompson, Ian and Dawson Books}, year={2003} }

@misc{Math is Fun - Maths Resources, url={http://www.mathsisfun.com/} }

@misc{Education videos and resources for professional development,  
url={http://www.teachers-media.com/} }

@misc{Ofsted | Finnish pupils' success in mathematics,  
url={http://www.ofsted.gov.uk/resources/finnish-pupils-success-mathematics} }

@article{Children's mathematics journals,  
url={https://ezproxy.lib.gla.ac.uk/login?url=https://link.gale.com/apps/pub/0EKD/AONE?u=glasuni&sid=bookmark-AONE}, publisher={National Council of Teachers of Mathematics, Inc.} }

@misc{BBC - Schools Ages 4-11 - Numeracy Sites,  
url={https://www.bbc.co.uk/schools/websites/4\_11/site/numeracy.shtml} }

@misc{Math is Fun - Maths Resources, url={http://www.mathsisfun.com/} }

@misc{Numeracy across learning - Responsibility of all - Learning, teaching and assessment,

url={ <http://www.educationscotland.gov.uk/learningteachingandassessment/learningacrossthecurriculum/responsibilityofall/numeracy/> } }

@misc{ Mathematics - Curriculum areas - Learning, teaching and assessment,  
url={ <http://www.educationscotland.gov.uk/learningteachingandassessment/curriculumareas/mathematics/> } }

@misc{ Numeracy - Wikipedia, the free encyclopedia,  
url={ <http://en.wikipedia.org/wiki/Numeracy> } }

@misc{ A Maths Dictionary for Kids 2013 by Jenny Eather | Maths Resources | Maths Online Dictionary | Math Words | Math Online Glossary | Math Terms,  
url={ <http://www.amathsdictionaryforkids.com/> } }

@misc{ Assignment video 1,  
url={ <http://www.teachersmedia.co.uk/videos/ks1-ks2-maths-making-maths-real> } }

@misc{ Assignment video 2, url={ <http://www.teachersmedia.co.uk/videos/calculation> } }  
@misc{ Assignment video 3, url={ <http://www.teachersmedia.co.uk/videos/measures> } }

@misc{ Assignment video 4,  
url={ <http://www.teachersmedia.co.uk/videos/ks1-ks2-maths-problem-solving-1> } }

@misc{ Maths BetterExplained, url={ <http://betterexplained.com/archives/> } }

@misc{ BBC News - New insight into how children learn maths,  
url={ <https://www.bbc.co.uk/news/health-26643823> } }

@misc{ Growth Mindset: How to Normalize Mistake Making and Struggle in Class | GROWTH MINDSET | MindShift | KQED News,  
url={ [http://ww2.kqed.org/mindshift/2015/08/24/growth-mindset-how-to-normalize-mistake-making-and-struggle-in-class/?utm\\_source=facebook.com&utm\\_medium=social&utm\\_campaign=npr&utm\\_term=nprnews&utm\\_content=20150830](http://ww2.kqed.org/mindshift/2015/08/24/growth-mindset-how-to-normalize-mistake-making-and-struggle-in-class/?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20150830) } }

@misc{ BBC One - The Richard Dimbleby Lecture, Michael Morpurgo: Set Our Children Free, An extract from Michael Morpurgo's Lecture 'Set Our Children Free.',  
url={ <https://www.bbc.co.uk/programmes/p00fgfl8> } }

@misc{ KS1 Numeracy - Understanding Place Value | Teachfind,  
url={ [http://teachfind.com/teachers-tv/ks1-numeracy-understanding-place-value?current\\_search=understanding%20place%20value](http://teachfind.com/teachers-tv/ks1-numeracy-understanding-place-value?current_search=understanding%20place%20value) } }

@misc{ Reading How Do We Teach Children To Be Numerate? British Educational Lesson Plan Teach Ordering Numbers,  
url={ <http://www.padjane.com/how-do-we-teach-children-to-be-numerate-british-educational-lesson-plan/reading-how-do-we-teach-children-to-be-numerate-british-educational-lesson-plan/> } }

@misc{ BBC - Learning Zone Class Clips - The history of place values and index notation - Maths Video,  
url={ <http://www.bbc.co.uk/learningzone/clips/the-history-of-place-values-and-index-notation/13585.html> } }

@misc{Conversion of integers between integer bases,  
url={ <http://www.mathpath.org/concepts/Num/conv.htm>} }

@misc{Fun with Maths, url={ <http://www.teachersmedia.co.uk/videos/fun-with-maths>} }  
@misc{Year 3 - All about Numbers,  
url={ <https://www.youtube.com/watch?v=hIYKWCCqpZA>} }

@misc{Teaching and Learning - Early Years Foundation Stage,  
url={ <http://archive.teachfind.com/ttv/www.teachers.tv/videos/teaching-and-learning-early-years-foundation-stage.html>} }

@misc{Number Theory Index,  
url={ [http://www-history.mcs.st-andrews.ac.uk/Indexes/Number\\_Theory.html](http://www-history.mcs.st-andrews.ac.uk/Indexes/Number_Theory.html)} }

@misc{Conservation of number task,  
url={ <http://www.youtube.com/watch?v=19qM4OoV59U>} }

@misc{Interactivate: Tessellate!,  
url={ <http://www.shodor.org/interactivate/activities/Tessellate/>} }

@misc{Symmetry Game,  
url={ [http://www.innovationslearning.co.uk/subjects/maths/activities/year3/symmetry/shape\\_game.asp](http://www.innovationslearning.co.uk/subjects/maths/activities/year3/symmetry/shape_game.asp)} }

@misc{Pre-school Math, url={ <http://math.about.com/od/reference/a/preschool.htm>} }

@misc{Cool Math 4 Kids Free Online Subtraction Lessons, Games, Activities and Flash Cards to Print (Printable), url={ <http://www.coolmath4kids.com/subtraction/index.html>} }

@misc{Mr Duey - Fractions Official Video - TeacherTube,  
url={ [http://www.teachertube.com/viewVideo.php?video\\_id=24266](http://www.teachertube.com/viewVideo.php?video_id=24266)} }

@misc{Teachers TV: Negative Numbers 1 - Resources - TES,  
url={ <https://www.youtube.com/watch?v=nbsEikxHeOE>} }

@misc{Teachers TV: Negative Numbers 2 - Resources - TES,  
url={ <https://www.youtube.com/watch?v=T789mXx4l48>} }

@misc{Year 6 - A Lesson in Subtraction as a Confidence Builder,  
url={ <https://www.youtube.com/watch?v=X0jZe3vgTB0>} }

@misc{Multiplication Fun Facts 1 - TeacherTube,  
url={ [http://www.teachertube.com/viewVideo.php?video\\_id=136266&title=Multiplication\\_Fun\\_Facts\\_1](http://www.teachertube.com/viewVideo.php?video_id=136266&title=Multiplication_Fun_Facts_1)} }

@misc{Year 4 - Observing a Lesson on Times Tables,  
url={ <https://www.youtube.com/watch?v=4crhtd3wbdM>} }

@misc{Method in Multiplying Madness? : nrich.maths.org,  
url={ <http://nrich.maths.org/5612>} }

@misc{A Problem Is Only a Problem When You Can't Do It : nrich.maths.org,  
url={ <http://nrich.maths.org/5738>} }

@misc{Problems on nrich, url={<http://nrich.maths.org>} }

@misc{Year 5 - Problem Solving and Building Confidence, url={<http://www.teachersmedia.co.uk/videos/year-5-problem-solving-and-building-confidence>} }

@misc{Where Next for Primary Assessment?, url={<http://www.teachersmedia.co.uk/videos/where-next-for-primary-assessment>} }

@misc{Problem Solving with George Polya, url={<http://www.youtube.com/watch?v=uCS7GO0fk4>} }

@misc{KS1/2 Maths - Just Division | Teachfind, url={[https://www.youtube.com/watch?v=\\_K-GHO8D9gY](https://www.youtube.com/watch?v=_K-GHO8D9gY)} }

@misc{KS1/2 Maths - Just Division | Teachfind, url={<https://www.youtube.com/watch?v=fYQ-8rWOZPw>} }

@misc{Problem solving on Teachersmedia, url={<https://www.youtube.com/watch?v=OcliYaCncN0>} }

@misc{Maths - Measure Teaching Ideas, url={<https://www.teachingideas.co.uk/subjects/measure>} }

@misc{UK Shoe Sizes Explanation & History, url={<http://www.internationalshoesizes.com/uk-shoe-sizes.htm>} }

@misc{How Big is a foot?, url={<http://www.youtube.com/watch?v=bWhWL1MET7A>} }

@misc{Teaching Time - Telling the time made fun!, url={<http://www.teachingtime.co.uk/>} }

@misc{Mass vs. Weight: Introduction, url={<http://www.youtube.com/watch?v=gjfLI7aJKmQ>} }

@misc{Maths - Number Patterns Teaching Ideas, url={[http://www.teachingideas.co.uk/maths/contents\\_nopatterns.htm](http://www.teachingideas.co.uk/maths/contents_nopatterns.htm)} }

@misc{Early algebra - Thinkmath, url={[http://thinkmath.edc.org/index.php/Early\\_algebra](http://thinkmath.edc.org/index.php/Early_algebra)} }

@misc{Triangular Numbers, url={<http://www.mathematische-basteleien.de/triangularnumber.htm>} }

@misc{BBC - Schools - Teachers - Maths - KS1 lesson plans, url={[http://www.bbc.co.uk/schools/teachers/ks1\\_lessonplans/maths/index.shtml](http://www.bbc.co.uk/schools/teachers/ks1_lessonplans/maths/index.shtml)} }

@misc{Algebra - What's the Pattern? | SchoolsWorld, url={<http://www.schoolsworld.tv/node/3358>} }

@misc{GCSE Maths Sequences Revision - The nth Term | S-cool, the revision website, url={<http://www.s-cool.co.uk/gcse/maths/sequences/revise-it/the-nth-term>} }

@misc{Primary Resources: Maths: Measures, Shape & Space: 2-D and 3-D Shape,  
url={ <http://www.primaryresources.co.uk/maths/mathsE3.htm> } }

@misc{KS1/2 Maths - Learning Maths with Kyane,  
url={ <https://www.youtube.com/watch?v=MU67i9dXvpM> } }

@misc{Shape and Space, url={ <https://www.youtube.com/watch?v=MrTO6pjuzVw> } }

@misc{Maths - A Lesson on Shapes,  
url={ <http://archive.teachfind.com/ttv/www.teachers.tv/videos/uncut-classrooms-maths-a-lesson-on-shapes.html> } }

@misc{Interactivate: Tessellate!,  
url={ <http://www.shodor.org/interactivate/activities/Tessellate/> } }

@misc{Symmetry Game,  
url={ [http://www.innovationslearning.co.uk/subjects/maths/activities/year3/symmetry/shape\\_game.asp](http://www.innovationslearning.co.uk/subjects/maths/activities/year3/symmetry/shape_game.asp) } }

@misc{3D Awareness, url={ <http://www.teachersmedia.co.uk/videos/3d-awareness> } }

@misc{Maths - Data Handling Teaching Ideas,  
url={ [http://www.teachingideas.co.uk/maths/contents\\_datahandling.htm](http://www.teachingideas.co.uk/maths/contents_datahandling.htm) } }

@misc{Data Handling, url={ <https://www.youtube.com/watch?v=8JVTjkTAhec> } }

@misc{Maths Search : nrich.maths.org,  
url={ [http://nrich.maths.org/public/search.php?search=carroll diagrams](http://nrich.maths.org/public/search.php?search=carroll%20diagrams) } }

@misc{Maths Search : nrich.maths.org,  
url={ [http://nrich.maths.org/public/search.php?search=bar charts](http://nrich.maths.org/public/search.php?search=bar%20charts) } }

@misc{Monthly Index page:: All Stages : nrich.maths.org,  
url={ <http://nrich.maths.org/thismonth/all/2002/05/?showfulltier=yes> } }

@misc{Monthly Index page:: All Stages : nrich.maths.org,  
url={ <http://nrich.maths.org/thismonth/all/2003/06/?showfulltier=yes> } }

@misc{Primary ICT - Numeracy - Handling Data,  
url={ <http://archive.teachfind.com/ttv/www.teachers.tv/videos/primary-ict-numeracy-interpreting-data.html> } }

@misc{The UK needs a revolution in the way maths is taught. Here's why... | Education | The Observer,  
url={ <http://www.theguardian.com/education/2014/feb/23/maths-teaching-revolution-needed-conrad-wolfram> } }

@misc{Dan Meyer: Math class needs a makeover | Video on TED.com,  
url={ [http://www.ted.com/talks/lang/en/dan\\_meyer\\_math\\_curriculum\\_makeover.html](http://www.ted.com/talks/lang/en/dan_meyer_math_curriculum_makeover.html) } }