

Maths 1 (DUMF1013)

[View Online](#)

'3D Awareness'. N.p., n.d. Web. <<http://www.teachersmedia.co.uk/videos/3d-awareness>>.

'A Maths Dictionary for Kids 2013 by Jenny Eather | Maths Resources | Maths Online Dictionary | Math Words | Math Online Glossary | Math Terms'. N.p., n.d. Web. <<http://www.amathsdictionaryforkids.com/>>.

'A Problem Is Only a Problem When You Can't Do It : Nrich.Maths.Org'. N.p., n.d. Web. <<http://nrich.maths.org/5738>>.

'Algebra - What's the Pattern? | SchoolsWorld'. N.p., n.d. Web. <<http://www.schoolsworld.tv/node/3358>>.

'Assignment Video 1'. N.p., n.d. Web. <<http://www.teachersmedia.co.uk/videos/ks1-ks2-maths-making-maths-real>>.

'Assignment Video 2'. N.p., n.d. Web. <<http://www.teachersmedia.co.uk/videos/calculation>>.

'Assignment Video 3'. N.p., n.d. Web. <<http://www.teachersmedia.co.uk/videos/measures>>.

'Assignment Video 4'. N.p., n.d. Web. <<http://www.teachersmedia.co.uk/videos/ks1-ks2-maths-problem-solving-1>>.

Association of Teachers of Mathematics and EBSCO Publishing (Firm). 'Mathematics Teaching'. n. pag. Print.

BBC. 'BBC - Schools Ages 4-11 - Numeracy Sites'. N.p., n.d. Web. <https://www.bbc.co.uk/schools/websites/4_11/site/numeracy.shtml>.

'BBC - Learning Zone Class Clips - The History of Place Values and Index Notation - Maths Video'. N.p., n.d. Web. <<http://www.bbc.co.uk/learningzone/clips/the-history-of-place-values-and-index-notation/13585.html>>.

'BBC - Schools - Teachers - Maths - KS1 Lesson Plans'. N.p., n.d. Web. <http://www.bbc.co.uk/schools/teachers/ks1_lessonplans/maths/index.shtml>.

'BBC - Schools Ages 4-11 - Numeracy Sites'. N.p., n.d. Web. <https://www.bbc.co.uk/schools/websites/4_11/site/numeracy.shtml>.

'BBC News - New Insight into How Children Learn Maths'. N.p., n.d. Web.
<<https://www.bbc.co.uk/news/health-26643823>>.

'BBC One - The Richard Dimbleby Lecture, Michael Morpurgo: Set Our Children Free, An Extract from Michael Morpurgo's Lecture "Set Our Children Free."' N.p., n.d. Web.
<<https://www.bbc.co.uk/programmes/p00fgfl8>>.

'Children's Mathematics Journals'. n. pag. Web.
<<https://ezproxy.lib.gla.ac.uk/login?url=https://link.gale.com/apps/pub/0EKD/AONE?u=glasuni&sid=bookmark-AONE>>.

Cockburn, Anne and Dawson Books. Mathematical Understanding 5-11: Practical Ideas from and for the Primary Classroom. London: Paul Chapman, 2007. Web.
<<https://www.vlebooks.com/vleweb/product/openreader?id=GlasgowUni&isbn=9781848605282>>.

'Conservation of Number Task'. Web.
<<http://www.youtube.com/watch?v=19qM4OoV59U>>.

'Conversion of Integers between Integer Bases'. N.p., n.d. Web.
<<http://www.mathpath.org/concepts/Num/conv.htm>>.

'Cool Math 4 Kids Free Online Subtraction Lessons, Games, Activities and Flash Cards to Print (Printable)'. N.p., n.d. Web.
<<http://www.coolmath4kids.com/subtraction/index.html>>.

'Dan Meyer: Math Class Needs a Makeover | Video on TED.Com'. N.p., n.d. Web.
<http://www.ted.com/talks/lang/en/dan_meyer_math_curriculum_makeover.html>.

'Data Handling'. N.p., n.d. Web. <<https://www.youtube.com/watch?v=8JVtJkTAhec>>.

'Early Algebra - Thinkmath'. N.p., n.d. Web.
<http://thinkmath.edc.org/index.php/Early_algebra>.

Education Scotland. 'Supporting Curriculum for Excellence (CfE), Quality and Improvement, Assessment, Community and Lifelong Learning - Education Scotland'. N.p., n.d. Web.
<<http://www.educationscotland.gov.uk/>>.

'Education Videos and Resources for Professional Development'. N.p., n.d. Web.
<<http://www.teachers-media.com/>>.

'Fun with Maths'. N.p., n.d. Web.
<<http://www.teachersmedia.co.uk/videos/fun-with-maths>>.

Fuson, Karen C., Laura Grandau, and Patricia A. Sugiyama. 'Achievable Numerical Understandings for All Young Children'. Teaching Children Mathematics 7.9 (2001): n. pag. Web.
<<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>>.

Gates, Peter and NetLibrary, Inc. Issues in Mathematics Teaching. Issues in subject

teaching. London: Routledge/Falmer, 2001. Web.

<<http://ezproxy.lib.gla.ac.uk/login?url=http://www.netLibrary.com/urlapi.asp?action=summary&v=1&bookid=76898>>.

'GCSE Maths Sequences Revision - The Nth Term | S-Cool, the Revision Website'. N.p., n.d. Web. <<http://www.s-cool.co.uk/gcse/maths/sequences/revise-it/the-nth-term>>.

'Growth Mindset: How to Normalize Mistake Making and Struggle in Class | GROWTH MINDSET | MindShift | KQED News'. N.p., n.d. Web.

<http://www.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>.

Haylock, Derek. 'Creativity in Maths'. N.p., n.d. Web.

<<http://www.uk.sagepub.com/haylock/podcast.htm>>.

---. Understanding Mathematics for Young Children: A Guide for Teachers of Children 3-7, 14. 5th edition. London: SAGE Publications, 2017. Web.

<<https://elevate.talis.com/textbooks/9781526410009>>.

Haylock, Derek, Thangata, Fiona, and Dawson Books. Key Concepts in Teaching Primary Mathematics. SAGE key concepts. Los Angeles, CA: SAGE Publications, 2007. Web.

<<https://www.vlebooks.com/vleweb/product/openreader?id=GlasgowUni&isbn=9781849202459>>.

'How Big Is a Foot?' Web. <<http://www.youtube.com/watch?v=bWhWL1MET7A>>.

'Interactivate: Tessellate!' N.p., n.d. Web.

<<http://www.shodor.org/interactivate/activities/Tessellate/>>.

'---'. N.p., n.d. Web. <<http://www.shodor.org/interactivate/activities/Tessellate/>>.

'KS1 Numeracy - Understanding Place Value | Teachfind'. N.p., n.d. Web.

<http://teachfind.com/teachers-tv/ks1-numeracy-understanding-place-value?current_search=understanding%20place%20value>.

'KS1/2 Maths - Just Division | Teachfind'. N.p., n.d. Web.

<https://www.youtube.com/watch?v=_K-GHO8D9gY>.

'---'. N.p., n.d. Web. <<https://www.youtube.com/watch?v=fYQ-8rWOZPw>>.

'KS1/2 Maths - Learning Maths with Kyane'. N.p., n.d. Web.

<<https://www.youtube.com/watch?v=MU67i9dXvpM>>.

'Mass vs. Weight: Introduction'. Web. <<http://www.youtube.com/watch?v=gjfLI7aJKmQ>>.

'Math Is Fun - Maths Resources'. N.p., n.d. Web. <<http://www.mathsisfun.com/>>.

'---'. N.p., n.d. Web. <<http://www.mathsisfun.com/>>.

'Mathematics - Curriculum Areas - Learning, Teaching and Assessment'. N.p., n.d. Web.

<<http://www.educationscotland.gov.uk/learningteachingandassessment/curriculumareas/mathematics/>>.

- 'Maths - A Lesson on Shapes'. N.p., n.d. Web.
<<http://archive.teachfind.com/ttv/www.teachers.tv/videos/uncut-classrooms-maths-a-lesson-on-shapes.html>>.
- 'Maths - Data Handling Teaching Ideas'. N.p., n.d. Web.
<http://www.teachingideas.co.uk/maths/contents_datahandling.htm>.
- 'Maths - Measure Teaching Ideas'. N.p., n.d. Web.
<<https://www.teachingideas.co.uk/subjects/measure>>.
- 'Maths - Number Patterns Teaching Ideas'. N.p., n.d. Web.
<http://www.teachingideas.co.uk/maths/contents_nopatterns.htm>.
- 'Maths BetterExplained'. N.p., n.d. Web. <<http://betterexplained.com/archives/>>.
- 'Maths Search : Nrich.Maths.Org'. N.p., n.d. Web.
<[http://nrich.maths.org/public/search.php?search=carroll diagrams](http://nrich.maths.org/public/search.php?search=carroll%20diagrams)>.
- '---'. N.p., n.d. Web. <[http://nrich.maths.org/public/search.php?search=bar charts](http://nrich.maths.org/public/search.php?search=bar%20charts)>.
- 'Method in Multiplying Madness? : Nrich.Maths.Org'. N.p., n.d. Web.
<<http://nrich.maths.org/5612>>.
- 'Monthly Index Page:: All Stages : Nrich.Maths.Org'. N.p., n.d. Web.
<<http://nrich.maths.org/thismonth/all/2002/05/?showfulltier=yes>>.
- '---'. N.p., n.d. Web. <<http://nrich.maths.org/thismonth/all/2003/06/?showfulltier=yes>>.
- 'Mr Duey - Fractions Official Video - TeacherTube'. N.p., n.d. Web.
<http://www.teachertube.com/viewVideo.php?video_id=24266>.
- 'Multiplication Fun Facts 1 - TeacherTube'. N.p., n.d. Web.
<http://www.teachertube.com/viewVideo.php?video_id=136266&title=Multiplication_Fun_Facts_1>.
- National Council of Teachers of Mathematics and Thomson Gale (Firm). 'Teaching Children Mathematics'. (1994): n. pag. Print.
- 'Number Theory Index'. N.p., n.d. Web.
<http://www-history.mcs.st-andrews.ac.uk/Indexes/Number_Theory.html>.
- 'Numeracy - Wikipedia, the Free Encyclopedia'. N.p., n.d. Web.
<<http://en.wikipedia.org/wiki/Numeracy>>.
- 'Numeracy across Learning - Responsibility of All - Learning, Teaching and Assessment'. N.p., n.d. Web.
<<http://www.educationscotland.gov.uk/learningteachingandassessment/learningacrossthecurriculum/responsibilityofall/numeracy/>>.
- 'Ofsted | Finnish Pupils' Success in Mathematics'. N.p., n.d. Web.
<<http://www.ofsted.gov.uk/resources/finnish-pupils-success-mathematics>>.

'Pre-School Math'. N.p., n.d. Web. <<http://math.about.com/od/reference/a/preschool.htm>>.

'Primary ICT - Numeracy - Handling Data'. N.p., n.d. Web.
<<http://archive.teachfind.com/ttv/www.teachers.tv/videos/primary-ict-numeracy-interpreting-data.html>>.

'Primary Resources: Maths: Measures, Shape & Space: 2-D and 3-D Shape'. N.p., n.d. Web.
<<http://www.primaryresources.co.uk/maths/mathsE3.htm>>.

'Problem Solving on Teachersmedia'. N.p., n.d. Web.
<<https://www.youtube.com/watch?v=OcliYaCncN0>>.

'Problem Solving with George Polya'. Web.
<<http://www.youtube.com/watch?v=uCS7GO0fkc4>>.

'Problems on Nrich'. N.p., n.d. Web. <<http://nrich.maths.org>>.

'Reading How Do We Teach Children To Be Numerate? British Educational Lesson Plan Teach Ordering Numbers'. N.p., n.d. Web.
<<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/>>.

'Shape and Space'. N.p., n.d. Web. <<https://www.youtube.com/watch?v=MrTO6pjuzVw>>.
'Symmetry Game'. N.p., n.d. Web.
<http://www.innovationslearning.co.uk/subjects/maths/activities/year3/symmetry/shape_game.asp>.

'---'. N.p., n.d. Web.
<http://www.innovationslearning.co.uk/subjects/maths/activities/year3/symmetry/shape_game.asp>.

'Teachers TV: Negative Numbers 1 - Resources - TES'. N.p., n.d. Web.
<<https://www.youtube.com/watch?v=nbsEikxHeOE>>.

'Teachers TV: Negative Numbers 2 - Resources - TES'. N.p., n.d. Web.
<<https://www.youtube.com/watch?v=T789mXx4l48>>.

'Teaching and Learning - Early Years Foundation Stage'. N.p., n.d. Web.
<<http://archive.teachfind.com/ttv/www.teachers.tv/videos/teaching-and-learning-early-years-foundation-stage.html>>.

Teaching Ideas. 'Maths - General Teaching Ideas'. N.p., n.d. Web.
<<http://www.teachingideas.co.uk/maths/contents.htm>>.

'Teaching Time - Telling the Time Made Fun!' N.p., n.d. Web.
<<http://www.teachingtime.co.uk/>>.

'The UK Needs a Revolution in the Way Maths Is Taught. Here's Why... | Education | The Observer'. N.p., n.d. Web.
<<http://www.theguardian.com/education/2014/feb/23/maths-teaching-revolution-needed-c>>

onrad-wolfram>.

Thompson, Ian. Enhancing Primary Mathematics Teaching. Maidenhead: Open University Press, 2003. Web.
<<https://www.vlebooks.com/vleweb/product/openreader?id=GlasgowUni&isbn=9780335228065>>.

---. 'Numeracy Articles'. N.p., n.d. Web.
<http://www.ianthompson.pi.dsl.pipex.com/index_files/Page352.htm>.

Thompson, Ian and Dawson Books. Enhancing Primary Mathematics Teaching. Maidenhead: Open University Press, 2003. Web.
<<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>>.

'Triangular Numbers'. N.p., n.d. Web.
<<http://www.mathematische-basteleien.de/triangularnumber.htm>>.

'UK Shoe Sizes Explanation & History'. N.p., n.d. Web.
<<http://www.internationalshoesizes.com/uk-shoe-sizes.htm>>.

'Where Next for Primary Assessment?' N.p., n.d. Web.
<<http://www.teachersmedia.co.uk/videos/where-next-for-primary-assessment>>.

'Year 3 - All about Numbers'. N.p., n.d. Web.
<<https://www.youtube.com/watch?v=hIYKWCCqpZA>>.

'Year 4 - Observing a Lesson on Times Tables'. N.p., n.d. Web.
<<https://www.youtube.com/watch?v=4crhtd3wbdM>>.

'Year 5 - Problem Solving and Building Confidence'. N.p., n.d. Web.
<<http://www.teachersmedia.co.uk/videos/year-5-problem-solving-and-building-confidence>>.

'Year 6 - A Lesson in Subtraction as a Confidence Builder'. N.p., n.d. Web.
<<https://www.youtube.com/watch?v=X0jZe3vgTB0>>.