

Maths 1 (DUMF1013)

[View Online](#)

3D Awareness (no date). Available at:
<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 (no date). Available at:
<http://www.amathsdictionaryforkids.com/>.

A Problem Is Only a Problem When You Can't Do It : nrich.maths.org (no date). Available at:
<http://nrich.maths.org/5738>.

Algebra - What's the Pattern? | SchoolsWorld (no date). Available at:
<http://www.schoolsworld.tv/node/3358>.

Assignment video 1 (no date). Available at:
<http://www.teachersmedia.co.uk/videos/ks1-ks2-maths-making-maths-real>.

Assignment video 2 (no date). Available at:
<http://www.teachersmedia.co.uk/videos/calculation>.

Assignment video 3 (no date). Available at:
<http://www.teachersmedia.co.uk/videos/measures>.

Assignment video 4 (no date). Available at:
<http://www.teachersmedia.co.uk/videos/ks1-ks2-maths-problem-solving-1>.

Association of Teachers of Mathematics and EBSCO Publishing (Firm) (no date)
'Mathematics teaching'.

BBC (no date) BBC - Schools Ages 4-11 - Numeracy Sites. Available at:
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 (no date). Available at:
<http://www.bbc.co.uk/learningzone/clips/the-history-of-place-values-and-index-notation/13585.html>.

BBC - Schools - Teachers - Maths - KS1 lesson plans (no date). Available at:
http://www.bbc.co.uk/schools/teachers/ks1_lessonplans/maths/index.shtml.

BBC - Schools Ages 4-11 - Numeracy Sites (no date). Available at:
https://www.bbc.co.uk/schools/websites/4_11/site/numeracy.shtml.

BBC News - New insight into how children learn maths (no date). Available at:
<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.' (no date). Available at:
<https://www.bbc.co.uk/programmes/p00fgfl8>.

'Children's mathematics journals' (no date). Available at:
<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 (2007) Mathematical understanding 5-11: practical ideas from and for the primary classroom [electronic resource]. London: Paul Chapman. Available at:
<https://www.vlebooks.com/vleweb/product/openreader?id=GlasgowUni&isbn=9781848605282>.

'Conservation of number task' (no date). Available at:
<http://www.youtube.com/watch?v=19qM4OoV59U>.

Conversion of integers between integer bases (no date). Available at:
<http://www.mathpath.org/concepts/Num/conv.htm>.

Cool Math 4 Kids Free Online Subtraction Lessons, Games, Activities and Flash Cards to Print (Printable) (no date). Available at:
<http://www.coolmath4kids.com/subtraction/index.html>.

Dan Meyer: Math class needs a makeover | Video on TED.com (no date). Available at:
http://www.ted.com/talks/lang/en/dan_meyer_math_curriculum_makeover.html.

Data Handling (no date). Available at: <https://www.youtube.com/watch?v=8JVtjkTAhec>.

Early algebra - Thinkmath (no date). Available at:
http://thinkmath.edc.org/index.php/Early_algebra.

Education Scotland (no date) Supporting Curriculum for Excellence (CfE), quality and improvement, assessment, community and lifelong learning - Education Scotland. Available at: <http://www.educationscotland.gov.uk/>.

Education videos and resources for professional development (no date). Available at:
<http://www.teachers-media.com/>.

Fun with Maths (no date). Available at:
<http://www.teachersmedia.co.uk/videos/fun-with-maths>.

Fuson, K.C., Grandau, L. and Sugiyama, P.A. (2001) 'Achievable Numerical Understandings for All Young Children', Teaching Children Mathematics, 7(9). Available at:
<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, P. and NetLibrary, Inc (2001) Issues in mathematics teaching [electronic resource].

London: Routledge/Falmer. Available at:
<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 (no date). Available at: <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 (no date). Available at:
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.

Haylock, D. (2017) Understanding mathematics for young children: A guide for teachers of children 3-7, 14. 5th edition. London: SAGE Publications. Available at:
<https://elevate.talis.com/textbooks/9781526410009>.

Haylock, D. (no date) Creativity in Maths. Available at:
<http://www.uk.sagepub.com/haylock/podcast.htm>.

Haylock, Derek, Thangata, Fiona, and Dawson Books (2007) Key concepts in teaching primary mathematics [electronic resource]. Los Angeles, CA: SAGE Publications. Available at:
<https://www.vlebooks.com/vleweb/product/openreader?id=GlasgowUni&isbn=9781849202459>.

'How Big is a foot?' (no date). Available at:
<http://www.youtube.com/watch?v=bWhWL1MET7A>.

Interactivate: Tessellate! (no date a). Available at:
<http://www.shodor.org/interactivate/activities/Tessellate/>.

Interactivate: Tessellate! (no date b). Available at:
<http://www.shodor.org/interactivate/activities/Tessellate/>.

KS1 Numeracy - Understanding Place Value | Teachfind (no date). Available at:
http://teachfind.com/teachers-tv/ks1-numeracy-understanding-place-value?current_search=understanding%20place%20value.

KS1/2 Maths - Just Division | Teachfind (no date a). Available at:
https://www.youtube.com/watch?v=_K-GHO8D9gY.

KS1/2 Maths - Just Division | Teachfind (no date b). Available at:
<https://www.youtube.com/watch?v=fYQ-8rWOZPw>.

KS1/2 Maths - Learning Maths with Kyane (no date). Available at:
<https://www.youtube.com/watch?v=MU67i9dXvpM>.

'Mass vs. Weight: Introduction' (no date). Available at:
<http://www.youtube.com/watch?v=gjflI7aJKmQ>.

Math is Fun - Maths Resources (no date a). Available at: <http://www.mathsisfun.com/>.

Math is Fun - Maths Resources (no date b). Available at: <http://www.mathsisfun.com/>.

Mathematics - Curriculum areas - Learning, teaching and assessment (no date). Available at:
<http://www.educationscotland.gov.uk/learningteachingandassessment/curriculumareas/mathematics/>.

Maths - A Lesson on Shapes (no date). Available at:
<http://archive.teachfind.com/ttv/www.teachers.tv/videos/uncut-classrooms-maths-a-lesson-on-shapes.html>.

Maths - Data Handling Teaching Ideas (no date). Available at:
http://www.teachingideas.co.uk/maths/contents_datahandling.htm.

Maths - Measure Teaching Ideas (no date). Available at:
<https://www.teachingideas.co.uk/subjects/measure>.

Maths - Number Patterns Teaching Ideas (no date). Available at:
http://www.teachingideas.co.uk/maths/contents_nopatterns.htm.

Maths BetterExplained (no date). Available at: <http://betterexplained.com/archives/>.

Maths Search : nrich.maths.org (no date a). Available at:
[http://nrich.maths.org/public/search.php?search=carroll diagrams](http://nrich.maths.org/public/search.php?search=carroll%20diagrams).

Maths Search : nrich.maths.org (no date b). Available at:
[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 (no date). Available at:
<http://nrich.maths.org/5612>.

Monthly Index page:: All Stages : nrich.maths.org (no date a). Available at:
<http://nrich.maths.org/thismonth/all/2002/05/?showfulltier=yes>.

Monthly Index page:: All Stages : nrich.maths.org (no date b). Available at:
<http://nrich.maths.org/thismonth/all/2003/06/?showfulltier=yes>.

Mr Duey - Fractions Official Video - TeacherTube (no date). Available at:
http://www.teachertube.com/viewVideo.php?video_id=24266.

Multiplication Fun Facts 1 - TeacherTube (no date). Available at:
http://www.teachertube.com/viewVideo.php?video_id=136266&title=Multiplication_Fun_Facts_1.

National Council of Teachers of Mathematics and Thomson Gale (Firm) (1994) 'Teaching children mathematics'.

Number Theory Index (no date). Available at:
http://www-history.mcs.st-andrews.ac.uk/Indexes/Number_Theory.html.

Numeracy - Wikipedia, the free encyclopedia (no date). Available at:
<http://en.wikipedia.org/wiki/Numeracy>.

Numeracy across learning - Responsibility of all - Learning, teaching and assessment (no date). Available at:
<http://www.educationscotland.gov.uk/learningteachingandassessment/learningacrossthecurriculum/responsibilityofall/numeracy/>.

Ofsted | Finnish pupils' success in mathematics (no date). Available at:
<http://www.ofsted.gov.uk/resources/finnish-pupils-success-mathematics>.

Pre-school Math (no date). Available at:
<http://math.about.com/od/reference/a/preschool.htm>.

Primary ICT - Numeracy - Handling Data (no date). Available at:
<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 (no date). Available at: <http://www.primaryresources.co.uk/maths/mathsE3.htm>.

Problem solving on Teachersmedia (no date). Available at:
<https://www.youtube.com/watch?v=OcliYaCncN0>.

'Problem Solving with George Polya' (no date). Available at:
<http://www.youtube.com/watch?v=uCS7GO0fk4>.

Problems on nrich (no date). Available at: <http://nrich.maths.org>.

Reading How Do We Teach Children To Be Numerate? British Educational Lesson Plan Teach Ordering Numbers (no date). Available at:
<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 (no date). Available at:
<https://www.youtube.com/watch?v=MrTO6pjuzVw>.

Symmetry Game (no date a). Available at:
http://www.innovationslearning.co.uk/subjects/maths/activities/year3/symmetry/shape_game.asp.

Symmetry Game (no date b). Available at:
http://www.innovationslearning.co.uk/subjects/maths/activities/year3/symmetry/shape_game.asp.

Teachers TV: Negative Numbers 1 - Resources - TES (no date). Available at:
<https://www.youtube.com/watch?v=nbsEikxHeOE>.

Teachers TV: Negative Numbers 2 - Resources - TES (no date). Available at:
<https://www.youtube.com/watch?v=T789mXx4l48>.

Teaching and Learning - Early Years Foundation Stage (no date). Available at:
<http://archive.teachfind.com/ttv/www.teachers.tv/videos/teaching-and-learning-early-years-foundation-stage.html>.

Teaching Ideas (no date) Maths - General Teaching Ideas. Available at:
<http://www.teachingideas.co.uk/maths/contents.htm>.

Teaching Time - Telling the time made fun! (no date). Available at:
<http://www.teachingtime.co.uk/>.

The UK needs a revolution in the way maths is taught. Here's why... | Education | The Observer (no date). Available at:
<http://www.theguardian.com/education/2014/feb/23/maths-teaching-revolution-needed-conrad-wolfram>.

Thompson, I. (2003) Enhancing primary mathematics teaching [electronic resource]. Maidenhead: Open University Press. Available at:
<https://www.vlebooks.com/vleweb/product/openreader?id=GlasgowUni&isbn=9780335228065>.

Thompson, I. (no date) Numeracy articles. Available at:
http://www.ianthompson.pi.dsl.pipex.com/index_files/Page352.htm.

Thompson, I. and Dawson Books (2003) Enhancing primary mathematics teaching [electronic resource]. Maidenhead: Open University Press. Available at:
<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 (no date). Available at:
<http://www.mathematische-basteleien.de/triangularnumber.htm>.

UK Shoe Sizes Explanation & History (no date). Available at:
<http://www.internationalshoesizes.com/uk-shoe-sizes.htm>.

Where Next for Primary Assessment? (no date). Available at:
<http://www.teachersmedia.co.uk/videos/where-next-for-primary-assessment>.

Year 3 - All about Numbers (no date). Available at:
<https://www.youtube.com/watch?v=hIYKWCCqpZA>.

Year 4 - Observing a Lesson on Times Tables (no date). Available at:
<https://www.youtube.com/watch?v=4crhtd3wbdM>.

Year 5 - Problem Solving and Building Confidence (no date). Available at:
<http://www.teachersmedia.co.uk/videos/year-5-problem-solving-and-building-confidence>.

Year 6 - A Lesson in Subtraction as a Confidence Builder (no date). Available at:
<https://www.youtube.com/watch?v=X0jZe3vgTB0>.