

Maths 1 (DUMF1013)

[View Online](#)

[1]

3D Awareness: <http://www.teachersmedia.co.uk/videos/3d-awareness>.

[2]

A Maths Dictionary for Kids 2013 by Jenny Eather | Maths Resources | Maths Online Dictionary | Math Words | Math Online Glossary | Math Terms:
<http://www.amathsdictionaryforkids.com/>.

[3]

A Problem Is Only a Problem When You Can't Do It : nrich.maths.org:
<http://nrich.maths.org/5738>.

[4]

Algebra - What's the Pattern? | SchoolsWorld: <http://www.schoolsworld.tv/node/3358>.

[5]

Assignment video 1:
<http://www.teachersmedia.co.uk/videos/ks1-ks2-maths-making-maths-real>.

[6]

Assignment video 2: <http://www.teachersmedia.co.uk/videos/calculation>.

[7]

Assignment video 3: <http://www.teachersmedia.co.uk/videos/measures>.

[8]

Assignment video 4:
<http://www.teachersmedia.co.uk/videos/ks1-ks2-maths-problem-solving-1>.

[9]

Association of Teachers of Mathematics and EBSCO Publishing (Firm) Mathematics teaching.

[10]

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

[11]

BBC - Schools - Teachers - Maths - KS1 lesson plans:
http://www.bbc.co.uk/schools/teachers/ks1_lessonplans/maths/index.shtml.

[12]

BBC - Schools Ages 4-11 - Numeracy Sites:
https://www.bbc.co.uk/schools/websites/4_11/site/numeracy.shtml.

[13]

BBC - Schools Ages 4-11 - Numeracy Sites:
https://www.bbc.co.uk/schools/websites/4_11/site/numeracy.shtml.

[14]

BBC News - New insight into how children learn maths:
<https://www.bbc.co.uk/news/health-26643823>.

[15]

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

[16]

Cockburn, Anne and Dawson Books 2007. Mathematical understanding 5-11: practical ideas from and for the primary classroom. Paul Chapman.

[17]

Conversion of integers between integer bases:
<http://www.mathpath.org/concepts/Num/conv.htm>.

[18]

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

[19]

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

[20]

Dan Meyer: Math class needs a makeover | Video on TED.com:
http://www.ted.com/talks/lang/en/dan_meyer_math_curriculum_makeover.html.

[21]

Data Handling: <https://www.youtube.com/watch?v=8JVtjKTAhec>.

[22]

Early algebra - Thinkmath: http://thinkmath.edc.org/index.php/Early_algebra.

[23]

Education videos and resources for professional development:
<http://www.teachers-media.com/>.

[24]

Fun with Maths: <http://www.teachersmedia.co.uk/videos/fun-with-maths>.

[25]

Fuson, K.C. et al. 2001. Achievable Numerical Understandings for All Young Children. Teaching Children Mathematics. 7, 9 (2001).

[26]

Gates, P. and NetLibrary, Inc 2001. Issues in mathematics teaching. Routledge/Falmer.

[27]

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

[28]

Growth Mindset: How to Normalize Mistake Making and Struggle in Class | GROWTH MINDSET | MindShift | KQED News:
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.

[29]

Haylock, D. 2017. Understanding mathematics for young children: A guide for teachers of

children 3-7, 14. SAGE Publications.

[30]

Haylock, Derek et al. 2007. Key concepts in teaching primary mathematics. SAGE Publications.

[31]

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

[32]

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

[33]

KS1 Numeracy - Understanding Place Value | Teachfind:
http://teachfind.com/teachers-tv/ks1-numeracy-understanding-place-value?current_search=understanding%20place%20value.

[34]

KS1/2 Maths - Just Division | Teachfind: https://www.youtube.com/watch?v=_K-GHO8D9gY.

[35]

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

[36]

KS1/2 Maths - Learning Maths with Kyane:
<https://www.youtube.com/watch?v=MU67i9dXvpM>.

[37]

Math is Fun - Maths Resources: <http://www.mathsisfun.com/>.

[38]

Math is Fun - Maths Resources: <http://www.mathsisfun.com/>.

[39]

Mathematics - Curriculum areas - Learning, teaching and assessment:
<http://www.educationscotland.gov.uk/learningteachingandassessment/curriculumareas/mathematics/>.

[40]

Maths - A Lesson on Shapes:
<http://archive.teachfind.com/ttv/www.teachers.tv/videos/uncut-classrooms-maths-a-lesson-on-shapes.html>.

[41]

Maths - Data Handling Teaching Ideas:
http://www.teachingideas.co.uk/maths/contents_datahandling.htm.

[42]

Maths - General Teaching Ideas: <http://www.teachingideas.co.uk/maths/contents.htm>.

[43]

Maths - Measure Teaching Ideas: <https://www.teachingideas.co.uk/subjects/measure>.

[44]

Maths - Number Patterns Teaching Ideas:
http://www.teachingideas.co.uk/maths/contents_nopatterns.htm.

[45]

Maths BetterExplained: <http://betterexplained.com/archives/>.

[46]

Maths Search : nrich.maths.org: [http://nrich.maths.org/public/search.php?search=carroll diagrams](http://nrich.maths.org/public/search.php?search=carroll%20diagrams).

[47]

Maths Search : nrich.maths.org: [http://nrich.maths.org/public/search.php?search=bar charts](http://nrich.maths.org/public/search.php?search=bar%20charts).

[48]

Method in Multiplying Madness? : nrich.maths.org: <http://nrich.maths.org/5612>.

[49]

Monthly Index page:: All Stages : nrich.maths.org:
<http://nrich.maths.org/thismonth/all/2002/05/?showfulltier=yes>.

[50]

Monthly Index page:: All Stages : nrich.maths.org:
<http://nrich.maths.org/thismonth/all/2003/06/?showfulltier=yes>.

[51]

Mr Duey - Fractions Official Video - TeacherTube:
http://www.teachertube.com/viewVideo.php?video_id=24266.

[52]

Multiplication Fun Facts 1 - TeacherTube:

http://www.teachertube.com/viewVideo.php?video_id=136266&title=Multiplication_Fun_Facts_1.

[53]

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

[54]

Number Theory Index:

http://www-history.mcs.st-andrews.ac.uk/Indexes/Number_Theory.html.

[55]

Numeracy - Wikipedia, the free encyclopedia: <http://en.wikipedia.org/wiki/Numeracy>.

[56]

Numeracy across learning - Responsibility of all - Learning, teaching and assessment:

<http://www.educationscotland.gov.uk/learningteachingandassessment/learningacrossthecurriculum/responsibilityofall/numeracy/>.

[57]

Numeracy articles: http://www.ianthompson.pi.dsl.pipex.com/index_files/Page352.htm.

[58]

Ofsted | Finnish pupils' success in mathematics:

<http://www.ofsted.gov.uk/resources/finnish-pupils-success-mathematics>.

[59]

Pre-school Math: <http://math.about.com/od/reference/a/preschool.htm>.

[60]

Primary ICT - Numeracy - Handling Data:

<http://archive.teachfind.com/ttv/www.teachers.tv/videos/primary-ict-numeracy-interpreting-data.html>.

[61]

Primary Resources: Maths: Measures, Shape & Space: 2-D and 3-D Shape:

<http://www.primaryresources.co.uk/maths/mathsE3.htm>.

[62]

Problem solving on Teachersmedia: <https://www.youtube.com/watch?v=OcliYaCncN0>.

[63]

Problems on nrich: <http://nrich.maths.org>.

[64]

Reading How Do We Teach Children To Be Numerate? British Educational Lesson Plan Teach Ordering Numbers:

<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/>.

[65]

Shape and Space: <https://www.youtube.com/watch?v=MrTO6pjuzVw>.

[66]

Supporting Curriculum for Excellence (CfE), quality and improvement, assessment, community and lifelong learning - Education Scotland:

<http://www.educationscotland.gov.uk/>.

[67]

Symmetry Game:

http://www.innovationslearning.co.uk/subjects/maths/activities/year3/symmetry/shape_game.asp.

[68]

Symmetry Game:

http://www.innovationslearning.co.uk/subjects/maths/activities/year3/symmetry/shape_game.asp.

[69]

Teachers TV: Negative Numbers 1 - Resources - TES:

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

[70]

Teachers TV: Negative Numbers 2 - Resources - TES:

<https://www.youtube.com/watch?v=T789mXx4I48>.

[71]

Teaching and Learning - Early Years Foundation Stage:

<http://archive.teachfind.com/ttv/www.teachers.tv/videos/teaching-and-learning-early-years-foundation-stage.html>.

[72]

Teaching Time - Telling the time made fun! <http://www.teachingtime.co.uk/>.

[73]

The UK needs a revolution in the way maths is taught. Here's why... | Education | The Observer:

<http://www.theguardian.com/education/2014/feb/23/maths-teaching-revolution-needed-conrad-wolfram>.

[74]

Thompson, I. 2003. Enhancing primary mathematics teaching. Open University Press.

[75]

Thompson, I. and Dawson Books 2003. Enhancing primary mathematics teaching. Open University Press.

[76]

Triangular Numbers: <http://www.mathematische-basteleien.de/triangularnumber.htm>.

[77]

UK Shoe Sizes Explanation & History:
<http://www.internationalshoesizes.com/uk-shoe-sizes.htm>.

[78]

Where Next for Primary Assessment?
<http://www.teachersmedia.co.uk/videos/where-next-for-primary-assessment>.

[79]

Year 3 - All about Numbers: <https://www.youtube.com/watch?v=hIYKWCCqpZA>.

[80]

Year 4 - Observing a Lesson on Times Tables:
<https://www.youtube.com/watch?v=4crhtd3wbdM>.

[81]

Year 5 - Problem Solving and Building Confidence:
<http://www.teachersmedia.co.uk/videos/year-5-problem-solving-and-building-confidence>.

[82]

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

[83]

Children's mathematics journals.

[84]

Conservation of number task.

[85]

How Big is a foot?

[86]

Mass vs. Weight: Introduction.

[87]

Problem Solving with George Polya.