

View Online



Haylock D. Mathematics Explained for Primary Teachers. 6th edition. SAGE Publications; 2018.
<https://app.talis.com/glasgow/player#/modules/5f55ffaa3f2b343bc876562b/resources/5f5619d56d79536ec4fbb9af>

Carruthers E, Worthington M. Children's Mathematics: Making Marks, Making Meaning. 2nd ed. SAGE; 2006.
<https://www.vlebooks.com/vleweb/product/openreader?id=GlasgowUni&isbn=9781847878816>

Cowen P. Teaching Mathematics: A Handbook for Primary and Secondary School Teachers. Vol Teaching series. Routledge; 2006.

https://uws-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=44PAI_ALMA2123075790003931&context=L&vid=44PAI_V1&search_scope=default_scope&tab=default_tab

Haylock D. Numeracy for Teaching. Paul Chapman; 2001.
<https://www.vlebooks.com/vleweb/product/openreader?id=GlasgowUni&isbn=9781847871305>

1/10

Orton, Anthony, Frobisher, L. J. Insights into Teaching Mathematics. Vol Continuum studies in mathematics education. [New ed.]. Continuum; 2005.
<https://www.vlebooks.com/vleweb/product/openreader?id=GlasgowUni&isbn=9781847144485>

6.

Gates P, NetLibrary, Inc. Issues in Mathematics Teaching. Vol Issues in subject teaching. Routledge/Falmer; 2001.
<http://ezproxy.lib.gla.ac.uk/login?url=http://www.netLibrary.com/urlapi.asp?action=summary&v=1&bookid=76898>

7.

National Council of Teachers of Mathematics, Thomson Gale (Firm). Teaching children mathematics. Published online 1994.

8.

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

9.

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

10.

Education Scotland. Supporting Curriculum for Excellence (CfE), quality and improvement, assessment, community and lifelong learning - Education Scotland.
<http://www.educationscotland.gov.uk/>

11.

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

12.

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

13.

New Math - Tom Lehrer - TeacherTube. <https://vimeo.com/9100270>

14.

EDpaX - Delivering the FULL Primary School Curriculum using the Interactive Whiteboard.
<http://www.edpax.com/freeresources.php>

15.

John Heeley's master classes.
<https://www.theguardian.com/science/video/2013/jan/22/algebra-mathematics-masterclass-video>

16.

Numeracy Strategy 55 interactive teaching tools.
<http://rupertcollins.com/educationwebsites/numeracy/>

17.

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

18.

Mathematics| BetterExplained.
<http://betterexplained.com/articles/a-gentle-introduction-to-learning-calculus/>

19.

Khan Academy. <http://www.youtube.com/user/khanacademy>

20.

Khan academy. http://www.youtube.com/watch?v=IR_kUUPL8YY

21.

Monty Hall problem: The probability puzzle that makes your head melt.
<https://www.bbc.co.uk/news/magazine-24045598>

22.

The Computer-Based Math Education Summit 2013.
<http://www.computerbasedmath.org/events/education-summit-newyork-2013/>

23.

We Are The People We've Been Waiting For. <http://vimeo.com/8311189>

24.

fraction lesson.
http://mathsolutions.com/wp-content/uploads/10_CMC_JM_FractionSense.pdf

25.

National STEM Centre - Browse Collection. <https://www.stem.org.uk/resources>

26.

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

27.

Teaching Fractions with Understanding: Part-whole Concept : nrich.maths.org.

<http://nrich.maths.org/2550>

28.

Maths - Fractions Teaching Ideas.

http://www.teachingideas.co.uk/maths/contents_fractions.htm

29.

Year Six Fraction Understanding: A Part of the Whole Story.

<http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.579.8883>

30.

KS1/2 Maths - Just Division | Teachfind.

<http://archive.teachfind.com/ttv/www.teachers.tv/videos/ks1-ks2-maths-just-division.html>

31.

Education videos and resources for professional development.

<http://www.teachersmedia.co.uk/series/lesson-planning-pack-fractions>

32.

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

33.

The Largest Known Primes. <http://primes.utm.edu/largest.html>

34.

Why does the multiplication of two negative numbers give a positive? And a positive and a negative give a. <https://www.mathsisfun.com/multiplying-negatives.html>

35.

Interactivate: Algebra Four.

http://www.shodor.org/interactivate/activities/AlgebraFour/?version=1.6.0_10&browser=MSIE&vendor=Sun_Microsystems_Inc.&flash=10.0.32

36.

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

37.

Donald in Mathmagic Land - On Pythagorean Theorem.

<https://www.youtube.com/watch?v=AjgkaU08VvY>

38.

Teaching Pythagoras.

<http://archive.teachfind.com/ttv/www.teachers.tv/videos/teaching-pythagoras.html>

39.

Education videos and resources for professional development.

<http://www.teachersmedia.co.uk/series/lesson-planning-pack-algebra>

40.

Multiplying Fractions 01.

http://www.youtube.com/watch?v=H7ZezViZaM0#sigh=El-PfwW6BOM&ai=CzBjFbsUUUpuDCs7AiQbk-YDID6mBpcAD0f-q_nSH0aK9wAEQASDj-5MDUN7apYX-_____wFgu87Kg9wKyAEDqQIDagT3EEi6PqgDAcgD0QSqBI4BT9AT17hXMH_8NjkZu19h95UqmLaOjDbpkveFv1enQmZOXWg5UowGRqMTBKWzT3M66gBIEraicVLF_kg3SdCMcW_FWLk4O01VGGaEQC9FTRx9wTo3iGLNb7r44leg8Lt78gEv6lczPYNM7YaUy6H1_DJxiyPQFNiOglXN-o-f-WApw_f7re4mtlZvUJlMXaAGA4AHyfv9Jg&_methods=onPlusOne%252C_ready%252C_close%252C_open%252C_resizeMe%252C_renderstart%252Concircled%252Conready&id=I0_1377092975289&parent=http%253A%252F%252Fgoogleads.g.doubleclick.net&pfname=&rpctoken=98333864

41.

Function Machine - 6-11 year olds - Topmarks.

<http://www.topmarks.co.uk/Flash.aspx?f=FunctionMachinev3>

42.

functionmachines.

<http://www.amblesideprimary.com/ambleweb/mentalmaths/functionmachines.html>

43.

Google Image Result for http://www.odu.edu/educ/lischult/blooms_triangle.gif.

http://images.google.co.uk/imgres?imgurl=http://www.odu.edu/educ/lischult/blooms_triangle.gif&imgrefurl=http://goconstructivism.blogspot.com/2006/08/blooms-taxonomy.html&usg=__BGdFKGTMhma0t2vrrE9TPlqSPYI=&h=249&w=281&sz=4&hl=en&start=189&tbnid=inyDuasKEBu

44.

assessment. <http://www.dylanwiliam.net/>

45.

Primary Assessment - Formative Assessment 1.

<https://www.tes.com/teaching-resource/primary-assessment-formative-assessment-1-6000357>

46.

Primary Assessment - Formative Assessment 2.

<http://www.teachersmedia.co.uk/videos/primary-assessment-formative-assessment-2>

47.

Assessment - Learning, teaching and assessment.

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

48.

Scottish Curriculum for Excellence Numeracy Outcomes.

<http://www.slideshare.net/Itscotland/scottish-curriculum-for-excellence-numeracy-outcomes>

49.

Inside the Black Box: Raising Standards through classroom assessment.

<https://weaeducation.typepad.co.uk/files/blackbox-1.pdf>

50.

Assessment for Curriculum for Excellence: Strategic Vision - Key Principles.

http://www.educationscotland.gov.uk/Images/AssessmentforCfE_tcm4-565505.pdf

51.

Primary Assessment for Learning - A Whole School Approach.

[http://www.teachersmedia.co.uk/videos/primary-assessment-for-learning-a-whole-school-approach?utm_source=Teachers Media](http://www.teachersmedia.co.uk/videos/primary-assessment-for-learning-a-whole-school-approach?utm_source=Teachers+Media)

List&utm_campaign=143cb28d01-email_05_Nov_2012&utm_medium=email

52.

Where Next for Primary Assessment?

<http://www.teachersmedia.co.uk/videos/where-next-for-primary-assessment>

53.

the beauty of mathematics 2. <http://www.youtube.com/watch?v=1-sE6xqBmXI>

54.

Year 6 - A Lesson in Subtraction as a Confidence Builder.

<http://archive.teachfind.com/ttv/www.teachers.tv/videos/year-6-a-lesson-in-subtraction-as-a-confidence-builder.html>

55.

KS3/4 Maths - Bearings.

<http://archive.teachfind.com/ttv/www.teachers.tv/videos/ks3-ks4-maths-bearings.html>

56.

Solving Math Word Problems:: explanation and exercises.
<http://www.studygs.net/mathproblems.htm>

57.

Word Problems. <http://www.mathplayground.com/wordproblems.html>

58.

What Is Problem Solving? : nrich.maths.org. <http://nrich.maths.org/6073>

59.

Problem-Solving - Number Problems.
<http://www.teachersmedia.co.uk/videos/problem-solving-number-problems>

60.

Bright GW, Waxman HC, Williams SE. Impact of Calculators on Mathematics Instruction.
https://books.google.co.uk/books?id=ntGpV3rMjnoC&pg=PA30&lpg=PA30&dq=the+pedagogy+of+calculator+use&source=bl&ots=bGIAYCIC_G&sig=GW25mNs8XalnrTe6UcXN_v8l7k&hl=en&ei=6BT8SowZycThBpHBsd4D&sa=X&oi=book_result&ct=result&resnum=4&ved=0CBUQ6AEwAw#v=onepage&q=th&f=false

61.

BBC News - Government bans calculators from primary maths tests.
<https://www.bbc.co.uk/news/education-20259382>

62.

Conrad Wolfram: Teaching kids real math with computers | Video on TED.com.
http://www.ted.com/talks/conrad_wolfram_teaching_kids_real_math_with_computers.html

63.

A Guide to Early Years and Primary Teaching.

<https://study.sagepub.com/wyseandrogers/student-resources/chapter-4/podcast>