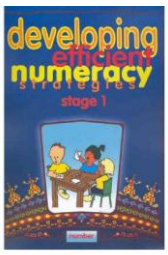
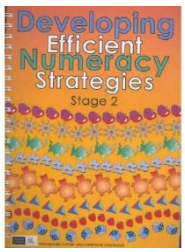
+ a few other subjects

Mathematics Resources from Australia

- http://www.nlnw.nsw.edu.au/numvideos.htm
  - developed by Australian Government
  - videos for teachers on a range of substrands
  - numeracy kids' links lists & describes other websites: http://www.nlnw.nsw.edu.au/kids.htm#numeracy
- topdrawer.aamt.edu.au/
  - developed by Australian Association of Mathematics Teachers (AAMT)
  - info about big ideas, misconceptions etc in maths
- aamt.edu.au/Webshop/Primary
  - developed by AAMT
  - lots of resources for purchase, including *Developing Efficient Numeracy Strategies* books for S1 and S2





- www.scootle.edu.au/ec/p/home
  - national resource, developed by ESA
  - search by AC 'number plate', eg ACMNA132
- mathslinks.net/browse/nswk-10-for-ac
  - administered by NSW maths teacher
  - resources arranged by NSW outcomes/substrands
    eg NA strand: http://mathslinks.net/browse/category/nsw-ac-number-and-algebra
- https://www.youtube.com/channel/UCLYakh9E1q_O-wKJRc4Z2Rw
  - YouTube channel: Census Australia
  - uses data from 2011
  - try animated videos,
    eg Dataman's guide to the census: https://www.youtube.com/watch?v=zr3tLZOZNyw
- http://www.curriculumsupport.education.nsw.gov.au/countmein/index.html
  - developed by NSW DET
  - 'Children' tab contains most activities
- http://www.curriculumsupport.education.nsw.gov.au/primary/mathematics/k6/programming/program_support/fractions/fract_intro.html
  - developed by NSW DET
  - support for programming fractions
- http://mathsclub.net.au/
  - developed by Australians, Paul Swan and David Hewitt
  - teacher zone has articles and lesson plans,
    eg http://www.mathsclub.net.au/teacher-zone/
- www.smartvic.com/smart/index.htm
  - developed by University of Melbourne
  - short, sharp tests to assess where a student is at
  - sign-up for free
- http://www.maths300.esa.edu.au/
  - hosted by ESA
  - joining fee + annual subscription
  - see complete lesson list at
    http://www.maths300.esa.edu.au/index.php/component/content/article/1049-lesson-list-a.html

Other resources from Australia

- splash.abc.net.au/home
  - developed by ABC and ESA
  - video content, games linked to AC
  - searchable by 'topic'
  - online 'live events' regularly
- readingaustralia.com.au/
  - developed by Copyright Agency
  - 200+ Australian book titles with teacher resources

Mathematics Resources from UK

- http://nrich.maths.org/frontpage
  - lots of rich problems and investigations
- http://www.bbc.co.uk/bitesize/
  - Key Stage 1 = Ages 5–7, Years 1–2
  - Key Stage 2 = Ages 7–11, Years 3–6
  - games and activities
- http://www.bbc.co.uk/schools/teachers/ks1_lessonplans/maths/
- http://www.bbc.co.uk/schools/teachers/ks2_lessonplans/maths/

Mathematics Resources from USA

- http://illuminations.nctm.org/Default.aspx
  - units & lesson plans
    eg Do it with dominoes! http://illuminations.nctm.org/Unit.aspx?id=6141
  - interactives
- http://calculationnation.nctm.org/
  - games for students
  - login required
- nlvm.usu.edu/
  - lesson plans and online interactives
    eg ES1 patterns: http://nlvm.usu.edu/en/nav/frames_asid_184_g_1_t_1.html?from=category_g_1_t_1.html
- www.learner.org/interactives/
  - lesson plans and online interactives
  - includes 'teaching math' PD courses focussed on WM at
    http://www.learner.org/courses/teachingmath/index.html
- www.shodor.org/interactivate/
  - online interactives
  - lesson plans at http://www.shodor.org/interactivate/lessons/byAudience/
- www.mathopenref.com/
  - geometry applets for IWB
  - go 'full screen', move orange dots, show/hide details
  - categories of interest: Angles, Quadrilaterals, Triangles
    eg classifying angles: http://www.mathopenref.com/angle.html
    eg angles on a straight line: http://www.mathopenref.com/linearpair.html
    eg vertically opposite angles: http://www.mathopenref.com/anglesvertical.html
- http://www.teacherled.com/
  online interactives
  eg Isometric dots
  http://www.teacherled.com/iresources/shapesapp/isometricdots/isometricdots.html
  eg line symmetry
  http://www.teacherled.com/iresources/shapesapp/symmetry/symmetryh.html

Mathematics Resources from Canada

- http://www.learnalberta.ca/Home.aspx
  - lesson plans
  - online interactives
    eg Order of operations:
    http://www.learnalberta.ca/content/mejhm/index.html?l=0&ID1=AB.MATH.JR.NUMB&ID2=AB.MATH.JR.NUMB.INTE&lesson=html/object_interactives/order_of_operations/use_it.html
  - videos
    eg temperature:
    http://www.learnalberta.ca/content/mejhm/index.html?ID1=AB.MATH.JR.NUMB&ID2=AB.MATH.JR.NUMB.INTE&lesson=html/video_interactives/integers/integersSmall.html
  - games

Mathematics Resources from New Zealand

- http://www.nzmaths.co.nz/
  - online interactives
    http://www.nzmaths.co.nz/digital-learning-objects
  - teaching activities in pdf booklets
    http://www.nzmaths.co.nz/numeracy-development-projects-books
  - interactive pd modules, including one on problem solving
    http://www.nzmaths.co.nz/interactive-pd-modules
  - problem solving activities, by level
    http://nzmaths.co.nz/problem-solving

Mathematics Resources from the Netherlands

- http://www.fi.uu.nl/wisweb/applets/mainframe_en.html
  - applets
    eg Broken calculator for practising order of operations
    http://www.fi.uu.nl/toepassingen/00014/toepassing_wisweb.en.html
    eg cut-outs and nets
    http://www.fi.uu.nl/toepassingen/00297/toepassing_wisweb.en.html