

Useful Websites

- <http://mathscircles.ie> Useful problem solving exercises.
- <http://nrich.maths.org/frontpage> NRICH is a team of qualified teachers who are also practitioners in RICH mathematical thinking.
- <http://www.haveyogotmathseyes.com/> Real life applications of mathematics
- <http://seandelaney.com/2011/11/15/how-parents-can-help-their-child-learn-maths/#more-412> Ideas from Dr. Sean Delaney on how parents can best help their children with their mathematics
- <http://www.arcademicskillbuilders.com> Online educational video games
- <http://worksheets.theteachercorner.net> Word puzzles e.g. Why is a manhole cover round?
- <http://ie.ixl.com> IXL is aligned to the Irish national curriculum.
- http://www.mangahigh.com/en_gb/games Short versions of free Maths games. Students can play full length versions for free if you create a school account and issue them with logins.
- <http://nlvm.usu.edu> Resources for various strands available. Scroll down to grades 9-12 for second level resources.
- <http://www.thatquiz.org/> Very good quizzes and tests against the clock.
- <http://www.mathplayground.com/geoboard.html> Interactive geoboard
- <http://www.theteachercorner.net/> A collection of educational worksheets, lesson plans, activities and resources for teachers and parents
- <http://www.cngl.ie/ailo/> Puzzles in language, logic and linguistics
- http://www.jcspliteracy.ie/num_jcsp_resources.php Access to JCSP numeracy resources
- <http://www.mathsisfun.com/> Puzzles, games and worksheets
- <http://www.tes.co.uk/> Useful resources for all subjects
- <http://mrbartonmaths.com/> Maths resources for teachers, parents and student
- <http://www.studystack.com/> Mathematical literacy tool
- <http://amathsdictionaryforkids.com/dictionary.html> An animated dictionary

Useful Apps

- Kings of Maths: Very good for mental arithmetic
- Maths Quiz Gameshow: Quizzes on various maths topics
- Digiwhiz: Very good for number fluency
- 5 Dice: Exercises combining five numbers and operations to reach a target number
- Wolfram Algebra-Course Assistant: Multi-representational approach to algebra
- Maths Bingo: Good for basic arithmetic
- Algebra Touch: Demonstration of basic rules of addition/subtraction
- Fraction Basic: Lessons based on the different aspects of fractions
- Tangrams: app for puzzles and shape
- NumbersGame: An app which combines foreign languages and the numbers 1-10
- Math Gr5: topics such as number and operations, fractions and measuring etc are included
- Wolfram Pre-Algebra Course Assistant: Multi-representational approach to algebra
- Conundra Math: Exercises combining three numbers and operations to reach a target number

Useful Twitter Feeds for CPD and resources

- @ddmeyer-problems
- @centreofmath-general resources
- @mrbartonmaths-resources
- @republicofmath-resources and articles
- @Maths_Master-resources