

Sources for Non-Routine Problems That Stimulate Discussion

Books

Math Contests Grades 4-6, 7-8 and Algebra, by Conrad & Flegler, Math League Press
Math Contests High School, by Conrad & Flegler, Math League Press
Can You Solve My Problems? By Alex Bellos Math Puzzles Vol. 1, 2 and 3 by Presh Talwalkar
Principles to Actions: Ensuring Mathematical Success for All, NCTM
The Scientific American Book of Mathematical Puzzles and Diversions, by Martin Gardner
What Students Abroad Are Expected To Know About Mathematics: Exams from France, Germany and Japan
Empowering Students by Promoting Active Learning in Mathematics, NCTM
Challenging Math Problems, by Terry Stickels

Websites

http://mathforum.org/problems_puzzles_landing.html <http://blog.mrmeyer.com>
<http://cemc.uwaterloo.ca/resources/potw.php> <http://donsteward.blogspot.co.uk>
<http://www.mathleague.com> <https://ed.ted.com> <http://www.onetwoinfinity.ca>
<https://www.mathcounts.org/resources/problem-of-the-week>
<https://www.math.purdue.edu/pow> <https://mindyourdecisions.com>
<http://orion.math.iastate.edu/ehjohnst/PoW/PoW.html>
<http://www.numberphile.com> <http://www.openmiddle.com>
<http://www.sixtysymbols.com> <http://www. estimation180.com>
<http://mathmistakes.org> <https://twitter.com/ExploreMTBoS> (Math Twitter Blogosphere)
<http://www.sciencealert.com> <https://twitter.com/MathVault>
<http://www.iflscience.com> <http://wodb.ca> (Which One Doesn't Belong)
<http://www.ted.com> <http://www.visualpatterns.org>
<http://www.smartereveryday.com> <http://mathquest.carroll.edu/>
https://www.youtube.com/channel/UC1_uAIS3r8Vu6JjXWvastJg (Mathologer)

Journals

Journal for Research in Mathematics Education, NCTM
Mathematics Teacher, Monthly Calendar Problems, NCTM
Mathematics Teaching in the Middle School, Monthly Palette of Problems, NCTM

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