

Math Sites from Linda Sheffield, Ph.D., Regents Professor Emerita, Mathematics and Gifted Education

Sample Problems and Assessments

- Dare to Compare – TIMSS Challenge (Grades 4, 8 & 12): nces.ed.gov/nceskids/eyk/index.asp
- Greg Tang Math (K-8): www.gregtangmath.com
- Inside Mathematics (K-12 problems): insidemathematics.org
- * Mathematics News (HS): <https://mns.org.il/>
- NAEP, TIMSS and PISA, National Center for Educational Statistics, nces.ed.gov/ and tinyurl.com/2czgu4p
- NRIC Math Resources: www.nrich.maths.org
- Open Middle Problems: www.openmiddle.com
- Shell Centre/ Math Assessment Project: www.mathshell.com
- Which One Doesn't Belong?: www.wodb.ca

Virtual Manipulatives and Games

Illuminations: illuminations.nctm.org

- Math Pickle: www.mathpickle.com
- * Mathies (K - 12): <https://mathies.ca/>
- National Library of Virtual Manipulatives: nlvm.usu.edu
- Think Math: www.ket.org/education/resources/think-math
- Thinking Blocks/Bar Models: www.mathplayground.com/thinkingblocks.html
- Shodor Interactivate: www.shodor.org/interactivate/
- Steve Wyborney: www.stevewyborney.com

Games, Puzzles and Competitions

- 24 Game (K-12): www.24game.com
- Julia Robinson Math Festival (K-12): www.jrmf.org
- KenKen (K-12): www.kenken.com
- Math Counts (MS): mathcounts.org
- Math Olympiad (Elem and MS): www.moems.org
- Math Pentathlon (K – 7th Gr): www.mathpentath.org
- Noetic Learning (Gr 2 – 8): www.noetic-learning.com
- Set (K-12): www.setgame.com/
- * Solve Me Puzzles (Gr 2 - 8): <https://solveme.edc.org/>