
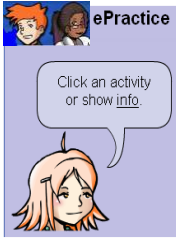














MATHEMATICS WEBSITES






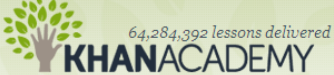




Highly Recommended, K - 12:



 <p>Student CLIPS Critical Learning Instructional Paths Supports in Mathematics</p> <p>CLIPS-Critical Learning Instructional Paths Supports in Mathematics</p>	<p>http://mathclips.ca Interactive curriculum-based mathematics activities for grades 7 – 12.</p>
 <p>ePractice Grades 4 - 8</p> <p>Click an activity or show info.</p>	<p>http://oame.on.ca/clips/index.html?ePractice=T&oneCluster=101 SWF Download Table http://www.oame.on.ca/GapClosing/ ePractice activities are interactive web-based opportunities for students to build confidence in their understanding of concepts and skills. This release focuses on Representing Fractions for the Junior and Intermediate Divisions. Each activity aligns with a particular Gap Closing lesson.</p>
 <p>Homework help</p>	<p>Homework Help - Math help for grades 7 – 10 https://homeworkhelp.ilc.org</p> <ul style="list-style-type: none"> • Click on “Register” to get started- follow the instructions on line • Click on “Register” to complete the registration process <p>Note: Students need their OEN – Ontario Education Number to register.</p>
 <p>Nelson Mathematics Companion Site</p>	<p>http://www.mathk8.nelson.com/companion.html The Companion Site (grades 3-8) offers activities and quizzes to support elementary school mathematics. Visit the Parent Centre and the Student Centre.</p>
 <p>Nelson Secondary Companion Site</p>	<p>www.nelson.com/math/companion.html Activities and quizzes to support secondary school mathematics.</p>
 <p>McGraw-Hill Ryerson McGraw-Hill Student Centre</p>	<p>http://www.mcgrawhill.ca/school/learningcentres/home.php Activities and quizzes to support secondary school mathematics.</p>

K-6 Websites:

 BrainPOP	http://www.brainpop.com/free_stuff/ BrainPOP creates animated, curriculum-based content that engages students and is uniquely suited for 21st-century learning. Resources include movies, quizzes, experiments, timelines, activity pages, and much more.
 Esso Family Math	http://www.edu.uwo.ca/essofamilymath/ Helps parents and children share their thinking and understanding of math in a safe and relaxed atmosphere...home! Resources reflect Ontario's curriculum.
 Figure This! Math Challenges for Families	http://www.figurethis.org/challenges/math_index.htm http://www.figurethis.org/fc/family_corner.htm Have fun with these math challenges for families. Solutions are provided.
 Illuminations (NCTM)	http://illuminations.nctm.org/Activities.aspx?grade=3 Interactive mathematics activities for preK-12.
 Investor Education Fund	http://www.getsmarteraboutmoney.ca/Pages/default.aspx Click on "Education Programs" then click on "For Students" to access online tools and games that support Financial Literacy.
 MathFROG	http://cemc2.math.uwaterloo.ca/mathFROG/ MathFROG provides fun resources and online games for mathematics for grades 4, 5, and 6 students, teachers and parents.
 National Library of Virtual Manipulatives	http://nlvm.usu.edu/en/nav/vlibrary.html Interactive mathematics manipulatives can be found at this site (grades K-12).
 Nrich - Mathematical Games and Problems	http://nrich.maths.org/public/index.php Enrichment mathematics activities and challenges for students grades 1 – 12.
 University of Waterloo Mathematics Activities	http://cemc.math.uwaterloo.ca/resources/potw.php Problem of the Week (Grades 5/6): Students can engage in solving mathematical problems each week. Teachers may sign up to receive emails which contain these weekly problems.

Grades 7 – 12 Websites:

 <p>Explore Learning</p> <p>GIZMOS at Explore Learning</p>	<p>http://www.explorellearning.com/ Access math and science interactive applets – free one month trial.</p>
 <p>Illuminations (NCTM)</p>	<p>http://illuminations.nctm.org/Activities.aspx?grade=3 Interactive mathematics activities for pre K-12.</p>
 <p>Independent Learning Centre - Ask A Teacher- free live on-line tutoring</p>	<p>http://www.ilc.org/aat/index.php Secondary school students may sign up for free live tutoring in mathematics, science, and English.</p>
 <p>IXL Learning</p>	<p>www.IXL.com Users can try out their ‘practice’ activities freely for a timed session before being asked to join the site. IXL makes math practice fun! IXL allows parents to monitor the progress of their children and motivate them through interactive games and practice questions. IXL offers a dynamic and enjoyable environment for children to practice math.</p>
 <p>Investor Education Fund</p>	<p>http://www.getsmarteraboutmoney.ca/Pages/default.aspx Click on “Education Programs” then click on “For Students” to access online tools and games that support Financial Literacy.</p>
 <p>Khan Academy</p>	<p>www.Khanacademy.org On this site you will find a library of over <u>2,400 videos</u> covering mathematics to physics, finance, and history.</p>
 <p>The Geometer’s Sketchpad Applets</p>	<p>http://www.edugains.ca/newsite/math2/applets.html On this site you will find ready-made Geometer’s Sketchpad files(grades 7-12) for you to explore. To open these files you will need version 4.07 “Geometer’s Sketchpad” or higher.</p>
 <p>Nrich - Mathematical Games and Problems</p>	<p>http://nrich.maths.org/public/index.php Enrichment mathematics activities and challenges for students grades 1 – 12.</p>
 <p>Ontario Educational Resource Bank (OERB)</p>	<p>https://resources.elearningontario.ca/ For students: User id: tcdsbstudent Password: oerbs</p>
 <p>Thinkfinity</p>	<p>http://www.thinkfinity.org/ Thinkfinity’s collection offers engaging games and activities to encourage the use of math (e.g., explore the universe, launch rockets, explore planets and test gravity) Parent Site: http://thinkfinity.org/summer-learning-parent-games-activity</p>

 <p>University of Waterloo Mathematics Activities</p>	<p>http://cemc.math.uwaterloo.ca/resources/potw.php Problem of the Week (Grades 7/8, 9/10, 11/12): Students can engage in solving mathematical problems each week. Teachers may sign up to receive emails which contain these weekly problems.</p> <p>http://cemc2.math.uwaterloo.ca/wired_math/index.html Wired Mathematics (Grades 7-10): Students, teachers, parents and tutors may access games, lessons, challenges and enrichment activities on this website.</p>
<p>Universities, Colleges, and Apprenticeships Information</p>	<p>Universities: http://www.ouac.on.ca Colleges: http://www.ontariocolleges.ca/ Apprenticeships: http://www.oyaptcdsb.com/</p> <p>Explore post-secondary programs and admissions requirements.</p>
<p>University And College Mathematics Sample Entrance Assessment Questions</p>	<p>Seneca: http://www.senecac.on.ca/fulltime/stuserv/adpol-00.html Humber: http://www.humber.ca/sites/www.humber.ca/files/test_sample_mathcpt.pdf George Brown: http://assessment.georgebrown.ca/review_math.html Centennial: http://www.centennialcollege.ca/Default.aspx?DN=2598,1972,1416,1,Documents</p> <p>Try some of the sample entrance assessment questions.</p>
 <p>WolframAlpha computational knowledge engine</p>	<p>http://www.wolframalpha.com/ Use this site to obtain information on a variety of topics, e.g., do math, search out facts, find definitions of words, etc.</p>