

<p>On-Line Math Resources:</p> <p>Elementary: K-5</p> <p>Intermediate: 6 - 8</p> <p>Commencement : 9 - 12</p>	<p>Prepared by: Catherine V. Parsons Dutchess County BOCES</p> <p>Prepared for: May 2, 2002 CAIT Last Revision: April 18, 2002</p>
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Level	URL	Title and Description
Elementary	http://www.lab.brown.edu/investigations/	<p>CESAME:</p> <p>“The goal of this website is to support teachers who are implementing Investigations in Number, Data and Space in their classrooms. The site is also valuable for other educators and parents who need more information about this elementary mathematics program. Since this site is an open forum for teachers' and others' opinions and ideas, the views represented here do not necessarily</p>

		represent the views of the site's collaborators.”
Elementary Intermediate Commencement	http://illuminations.nctm.org/index2.html	<p>Illuminations: “The NCTM Illuminations Website is designed to illuminate the new vision for school mathematics presented in NCTM's <i>Principles and Standards for School Mathematics</i>.</p> <p>Goals:</p> <p>Provide Internet resources that will help improve the teaching and learning of mathematics for all students.</p> <p>Provide Internet resources that "illuminate" the NCTM Standards (1989–2000).</p> <p>Provide Internet resources that bring alive the ideas and recommendations set forth in the NCTM Principles and Standards for School Mathematics (Standards 2000).</p> <p>Provide professional development for teachers of mathematics.</p>

		<p>Provide Standards-based resources for classroom use.</p> <p>Help communicate the vision of Standards-based mathematics teaching and learning.”</p>
Elementary Intermediate Commencement	http://www.nctm.org/	<p>National Council of Teachers of Mathematics: “The mission of the National Council of Teachers of Mathematics is to provide the vision and leadership necessary to ensure a mathematics education of the highest quality for all students.”</p>
Elementary Intermediate Commencement	http://www.emsc.nysed.gov/ciai/mst.html	NYS Department of Education Office of EMSC MST Web Resources.
Elementary Intermediate	http://falcon.jmu.edu/~ramseyil/mathpict.htm http://users.crocker.com/~rebotis/subjects/curriculum.html	Children’s Literature in Mathematics Instruction
Elementary Intermediate	http://www.enc.org/	<p>Eisenhower National Clearinghouse: “ENC's mission is to identify effective curriculum</p>

Commencement		resources, create high-quality professional development materials, and disseminate useful information and products to improve K-12 mathematics and science teaching and learning.”
Commencement	http://www.ldonline.org/ld_indepth/math_skills/math_jld.html	Research Article concerning mathematics instruction with Secondary Level LD students.
Elementary Intermediate	http://www.richmond.edu/academics/a&s/education/projects/webunits/math/sport.html	Mathletics: See how mathematics is used in the sports and athletics areas.
Elementary Intermediate Commencement	http://www.cal.org/ericcll/Minibibs/IntMath.htm	Bibliography of available print/ERIC resources for the integration of ESL and mathematics instruction.
Elementary Intermediate	http://www.mathgoodies.com/	Math Goodies: This is a free math help site featuring interactive math lessons, homework help, worksheets, puzzles, forums, and more! We have over 400 pages of activities for students, teachers, and parents.
Elementary Intermediate Commencement	http://archives.math.utk.edu/index.html	Math Archives: Teaching materials, software, WWW links organized by Mathematical Topics. Searchable database.
Intermediate	http://www.mathnerds.com/	Mathnerds:

Commencement		<p>“MathNerds is a free service providing hints, direction, references, or guidance (not necessarily answers) in many areas of mathematics. The MathNerds team members are unpaid volunteers whose only compensation for their efforts are the "Thank You" messages from our clients. “</p>
Elementary Intermediate	http://www.getsmarter.org/index.cfm	<p>Getsmarter.org: Compare your math and science ability with other students - worldwide!</p>
Elementary Intermediate Commencement	http://www.wcer.wisc.edu/NCISLA/	<p>National Center for Improving Student Learning and Achievement in Mathematics and Science: “Our Center is working with teachers and schools to study and develop ways to advance K–12 students' learning of mathematics and science. Long–term studies show that students can learn more challenging content at earlier ages than traditionally expected. The Center's work is yielding new visions for student achievement and professional development programs that strengthen teachers' content knowledge and in–class practices.”</p>
Elementary	http://ra.terc.edu/	The Regional Alliance for Mathematics and Science

Intermediate Commencement		<p>Education: The mission of the Regional Alliance is to support K–12 mathematics and science improvement efforts by providing professional development opportunities and technical assistance, disseminating information, and promoting collaboration. Program initiatives are designed to meet the needs of the educators we serve, particularly those striving to implement standards-based curriculum, instruction, and assessment.</p>
Elementary Intermediate Commencement	<p>http://www.mathleague.com/</p>	<p>Math League: The Math League is dedicated to bringing challenging mathematics materials to students. The Math League specializes in math contests, books, and computer software designed to stimulate interest and confidence in mathematics for students from the 4th grade through high school.</p>
Elementary Intermediate Commencement	<p>http://www.sedl.org/scimath/compass/</p>	<p>Classroom Compass: A collection of ideas, activities, and resources, for teachers interested in improving instruction in science and mathematics. Interactive science or mathematics classrooms provide activities that</p>

		illustrate abstract concepts. Many times student understanding is built by working through these practical, hands-on experiences.
Elementary Intermediate Commencement	http://falcon.jmu.edu/~ramseyil/math.htm	Internet School Library Media Center: Mathematics Resources K- 12
Elementary Intermediate Commencement	http://www.coolmath.com/	Cool Math: "Our mission is to make math fun!"
Intermediate Commencement	http://www2.hawaii.edu/suremath/intro_algebra.html	Reliable problem solving in all subjects that use mathematics for problem solving. Algebra, Physics, Chemistry... from grade school to grad school and beyond.
Elementary Intermediate Commencement	http://www.allmath.com/	All Math: A virtual math book.
Elementary Intermediate Commencement	http://mathforum.org/students/	Math Forum
Intermediate Commencement	http://www.pbs.org/wgbh/nova/proof/	NOVA Online: The Proof