



Discover
Mathematics!

5th and 6th Grade Internet Math Resources

Top Five Recommended Sites!

<http://www.ivycreekes.com/mathcalendars/>

<http://www.portangelesschools.org/students/wasl-math-index.html>

<http://www.sheppardsoftware.com/math.htm>

<http://www.ixl.com/>

<http://www.khanacademy.org>

Evaluating Algebraic Expressions

<http://www.studygs.net/pemdas/index.htm>

Solving Equations:

<http://www.studygs.net/equations.htm>

Solving Equations: Video Tutorial Resources:

<http://studio4learning.tv/math/pre-algebra/basic-algebra/equations/>

http://www.teachertube.com/viewVideo.php?video_id=40517

Math Crossword Puzzles

http://www.educationworld.com/a_lesson/archives/numbercross.shtml

Fractions

<http://math.rice.edu/%7Elanius/Patterns/index.html>

<http://math.rice.edu/%7Elanius/fractions/index.html>

Exploring checkerboard Squares

<http://math.rice.edu/%7Elanius/domath/index.html>

Intermediate- Shopping FUN!

<http://math.rice.edu/%7Elanius/domath/shopping.html>



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Math Facts

<http://www.iknowthat.com/com/L3?Area=Mathblox>

<http://www.aplusmath.com/Flashcards/multiplication.html>

<http://www.amblesideprimary.com/ambleweb/mentalmaths/testtest.html>

<http://www.funbrain.com/math/>

<http://www.oswego.org/ocsd-web/games/SumSense/summulti.html>

<http://www.funbrain.com/math/index.html>

<http://home.indy.rr.com/lrobinson/mathfacts/mathfacts.html>

<http://www.berghuis.co.nz/abiator/tables/frame1.html>

<http://www.mathfactcafe.com/>

<http://www.multiplication.com/flashgames/quickflash/flash/index.html>

<http://www.funbrain.com/tictactoe/index.html>

http://www.missmaggie.org/scholastic/roundtheworld_eng_launcher.html

Word Problems and Perimeter

<http://www.ixl.com/math/practice/grade-2-perimeter-word-problems>

Division:

<http://www.aplusmath.com/games/matho/DivMatho.html>

<http://www.aplusmath.com/cgi-bin/games/divmatho>

<http://www.oswego.org/ocsd-web/games/Mathmagician/mathdiv.html>

<http://www.funbrain.com/math/>

<http://www.aamath.com/div.html>

<http://www.amblesideprimary.com/ambleweb/mentalmaths/dividermachine.html>

Simplifying Fractions:

<http://visualfractions.com/RenameLowest.html>

Sums of the angles of a Triangle

<http://www.walter-fendt.de/m11e/anglesum.htm>

Coordinate Graphing:

<http://shodor.org/interactivate/activities/GeneralCoordinates/>

http://hotmath.com/hotmath_help/games/ctf/ctf_hotmath.swf



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print own graphs: http://themathworksheetsite.com/coordinate_plane.html

Symmetry Tutorial Video

http://www.linkslearning.org/Kids/1_Math/2_Illustrated_Lessons/4_Line_Symmetry/index.html

Triangle Explorer:

http://shodor.org/interactivate/activities/TriangleExplorer/?version=1.5.0.16&browser=safari&vendor=Apple_Computer,_Inc.

Measuring Angles:

<http://www.amblesideprimary.com/ambleweb/mentalmaths/protractor.html>

Number Patterns:

<http://www.funbrain.com/cracker/index.html>

Area and Perimeter Video Lesson:

<http://new.learnalberta.ca/content/mesg/html/math6web/lessonLauncher.html?lesson=m6lessonshell12.swf>

Line Graphs:

<http://www.studyzone.org/testprep/math4/d/problemgraph4l.cfm>

Bar Graphs:

<http://www.studyzone.org/testprep/math4/d/bargraphs4l.cfm>

Mean-Medium-Mode:

<http://standards.nctm.org/document/eexamples/chap6/6.6/index.htm>

<http://www.beaconlearningcenter.com/WebLessons/BasketballDebate/default.htm>

<http://www.beaconlearningcenter.com/WebLessons/BicyclesAlaMode/default.htm>



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General Internet Sites

<http://www.mathlibs.com/>

<http://www.mathplayground.com/index.html>

www.internet4classrooms.com

<http://nlvm.usu.edu/en/nav/vLibrary.html>

The National Library of Visual Manipulatives was created by Utah State University. The site has a Spanish version. Lessons are arranged in four sections: Pre-K - 2, 3-5, 6-8, 9-12. Within each one are four categories: Numbers & Operations, Algebra, Geometry & Measurement, Data Analysis & Probability.

<http://illuminations.nctm.org>

This National Council of Teachers of Mathematics website features 90 online activities and 524 lessons for preK-12 teachers. Lessons include objectives, materials, an instructional plan, assessments and reflection questions.

www.factmonster.com

Math section features a selection of math games from simple counting games to fairly complicated fractions games. Players choose their own level of difficulty. There's a math homework section that includes numbers and formulas, factors and fractions, measurement and money. There are also descriptions of the various branches of mathematics, a history of math, notable mathematicians and quizzes to test student skills.

www.funbrain.com

Site designed with bright, colorful cartoon figures. The math links connect to collections of games. There is a "find a game by grade level" link which allows you to tailor games to ability levels. (Many of the games on this site are the same as those on factmonster.com.)



5th and 6th Grade Internet Math Resources

www.AAAMath.com

Includes 5,000 printable math worksheets and ideas and instructions for teaching math concepts. Lesson plans are also available.

http://www.deltacollege.edu/dept/basicmath/Multicultural_Math.htm

Multicultural math activities. For example, the ancient Egyptian way of multiplying.

www.kokogiak.com/megapenny

Visual representations of progressively bigger numbers, using a penny as a unit. If you click on '10 million pennies', the screen will show a cube of pennies that is six feet high, wide and long, next to an adult man for scale.

www.mathcats.com

click on 'crafts'. There are ideas here for art/math projects. Fun site. Everything here is cats. A door marked 'older cats' at the bottom of the page is for teachers & parents.

www.brainbashers.com

Collection of brain teasers, puzzles riddles, games, optical illusions. Updated regularly.

www.mathforamerica.org

worksheets, activities, games, links.



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5th Grade Internet Math Resources for Parents

3 digit x 2 digit /3 digit Multiplication Worksheets:

<http://www.dadsworksheets.com/v1/Worksheets/Multiplication.html#Multiple%20Digit>

Simplifying Fractions (Reducing Fractions) (Equivalent Fractions)(Improper-Mixed)

<http://www.dadsworksheets.com/v1/Worksheets/Reducing%20Fractions.html>

Rounding Numbers:

<http://www.dadsworksheets.com/v1/Worksheets/Rounding%20Numbers.html> *

with decimals later

Place Value Worksheets:

<http://www.dadsworksheets.com/v1/Worksheets/Numbers%20in%20Standard,%20Expanded%20and%20Word%20Form.html>

Area and Perimeter of Rectangles Worksheets:

<http://www.dadsworksheets.com/v1/Worksheets/Basic%20Geometry.html>

Quickly Recall Math Facts Worksheets:

<http://www.dadsworksheets.com/v1/Worksheets/Fact%20Family%20Math.html#One%20Minute%20Multiplication/Division>

Pre-Algebra Worksheets:

<http://www.dadsworksheets.com/v1/Worksheets/Pre-Algebra.html>

Adding Fractions:

<http://www.dadsworksheets.com/v1/Worksheets/Fraction%20Addition.html>

Subtracting Fractions:

<http://www.dadsworksheets.com/v1/Worksheets/Fraction%20Subtraction.html>

Long Division:

<http://www.dadsworksheets.com/v1/Worksheets/Long%20Division.html>

Adding Decimals:

<http://www.dadsworksheets.com/v1/Worksheets/Addition.html#Addition%20with%20Decimals>

Subtracting Decimals:

<http://www.dadsworksheets.com/v1/Worksheets/Subtraction.html#Subtraction%20with%20Decimals>

Fractions-Decimals/Decimals-Fractions:

<http://www.dadsworksheets.com/v1/Worksheets/Fractions%20as%20Decimals.htm>

Order of Operations:

<http://www.dadsworksheets.com/v1/Worksheets/Order%20of%20Operations.html>

Angles: Right, Obtuse, Acute

<http://www.dadsworksheets.com/v1/Worksheets/Basic%20Geometry.html>

Lines: Parallel, Intersecting. Perpendicular:

<http://www.dadsworksheets.com/v1/Worksheets/Basic%20Geometry.html>



Middle School Internet Math Resources for Parents

Pre-Algebra Worksheets:

<http://www.dadsworksheets.com/v1/Worksheets/Pre-Algebra.html>

Adding Fractions:

<http://www.dadsworksheets.com/v1/Worksheets/Fraction%20Addition.html>

Subtracting Fractions:

<http://www.dadsworksheets.com/v1/Worksheets/Fraction%20Subtraction.html>

Multiplying Fractions:

<http://www.dadsworksheets.com/v1/Worksheets/Fraction%20Multiplication.html>

Dividing Fractions

<http://www.dadsworksheets.com/v1/Worksheets/Fraction%20Division.html>

Long Division:

<http://www.dadsworksheets.com/v1/Worksheets/Long%20Division.html>

Adding Decimals:

<http://www.dadsworksheets.com/v1/Worksheets/Addition.html#Addition%20with%20Decimals>

Subtracting Decimals:

<http://www.dadsworksheets.com/v1/Worksheets/Subtraction.html#Subtraction%20with%20Decimals>

Fractions-Decimals/Decimals-Fractions:

<http://www.dadsworksheets.com/v1/Worksheets/Fractions%20as%20Decimals.htm>

Order of Operations:

<http://www.dadsworksheets.com/v1/Worksheets/Order%20of%20Operations.html>

Percentages:

<http://www.dadsworksheets.com/v1/Worksheets/Percentages.html>

Adding/Subtracting Integers

<http://www.dadsworksheets.com/v1/Worksheets/Negative%20Numbers.html>

Angles: Right, Obtuse, Acute

<http://www.dadsworksheets.com/v1/Worksheets/Basic%20Geometry.html>

Lines: Parallel, Intersecting, Perpendicular:

<http://www.dadsworksheets.com/v1/Worksheets/Basic%20Geometry.html>

Data Analysis (Mean median mode)

<http://www.dadsworksheets.com/v1/Worksheets/Mean,%20Median,%20Range.htm>

Exponents:

<http://www.dadsworksheets.com/v1/Worksheets/Exponents.html>

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Circles:

<http://www.dadsworksheets.com/v1/Worksheets/Basic%20Geometry.html#Circles%20-%20Diameter%20and%20Radius>