

## **Game Ideas**

[http://www.multiplication.com/classroom\\_games.htm#Bingo](http://www.multiplication.com/classroom_games.htm#Bingo) - Many game ideas to practice facts in the classroom, not Internet games.

## **Teaching Multiplication**

<http://naturalmath.com/mult/index.html> The main reason why people read these materials is for fun. However, there are many "applied" uses for these pages:

- learn why you need to memorize only 13 multiplication facts (or less) in order to know the whole table
- learn a lot of useful tricks and patterns that will help in **fast mental arithmetic** and will develop your **number sense**
- follow suggested investigations to discover a lot of **algebraic patterns** (it is worth at least as much as taking the standard pre-algebra and algebra 1 courses)
- find getaways to advanced topics such as **matrices** or **arithmetic progression**

Each page in the unit consists of dialogs between a Student and a Mentor, as well as illustrations, summaries and suggestions for further explorations and activities. Users can skip dialogs if they wish, going directly for the summaries and activities.

[http://matti.usu.edu/nlvm/nav/frames\\_asid\\_192\\_g\\_2\\_t\\_1.html](http://matti.usu.edu/nlvm/nav/frames_asid_192_g_2_t_1.html) (Create any array)

<http://www.eduplace.com/math/mathsteps/3/c/> (Multiplication Properties)

<http://www.math.com/school/subject2/lessons/S2U3L2GL.html> (Steps to solving multiplication equations)

## **General Sites**

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

<http://www.dositey.com/muldiv/multip.htm> (This site will help to teach sets, facts, practice multiplication property, order of operations, and provide worksheets.)

## **Multiplication Table**

<http://www.netrover.com/~kingskid/MulTab/Applet.html> (Shows visual structure of multiplication and its relation to addition.)

## **Flash Card Internet Activities**

<http://www.multiplication.com/interactive/flashfun/flash/index.html> (Basic flash cards for each factor)

<http://www.funbrain.com/math/> (Baseball game that provides multiplication problems)

<http://www.funbrain.com/math/> (This site provides fact equations and keeps score of the number of problems correct and wrong.)

<http://www.netrover.com/~kingskid/numberscou.html> (Hear blast off sounds as you do some math!)

<http://www.aplusmath.com/Flashcards/multiplication.html> (This site provides fact equations and keeps score of the number of problems correct and wrong.)

## **Interactive Games**

[http://www.multiplication.com/interactive\\_games.htm](http://www.multiplication.com/interactive_games.htm) (These games are played over the Internet. They load fast and are FUN to play. Flash Fun, Multiplication Jeopardy, and more.)

<http://www.prongo.com/farm/index.html> (Come on over to the farm stand to practice your multiplication and addition. Multiply the amount of apples or eggs by their price, then add them together for your total.)

<http://www.aplusmath.com/games/matho/MultMatho.html> (Multiplication Matho - a game where you are given a multiplication problem and you need to click the answer on a grid. The object of the game is to get 5 in a row.)

<http://www.bbc.co.uk/education/megamaths/tables.html> (This lively interactive web site is based on the popular BBC Schools Television series Megamaths and uses a selection of characters from the programs to introduce a variety of activities and games which explore the times tables)

<http://library.thinkquest.org/3896/index2.htm> (You know how to do addition. The next step is to learn how to multiply. These pages will help you practice and learn your multiplication facts from 1 to 4. These pages use bricks to show arrays, and include 16 practice problems).

<http://www.dositey.com/addsub/memorymult.html> (Concentration Game)

<http://www.dositey.com/addsub/Mystery6.htm#s> (Multiplication Mystery Picture)

<http://blackdog.net/games/math/multiply/index.html> (BlackDog's Multiplication Quizzes - Have some fun learning the multiplication tables with these fun games)

<http://www.dositey.com/addsub/mystery1M.htm> (Solve a fact problem and click on the answer on the grid to reveal a Mystery Picture.)

<http://www.ezschool.com/games/alienmultiplication.html> (Alien Multiplication - Read the given number sentence. Multiply the numbers. Click the answer before the enemy lands in our territory.)

<http://www.bbc.co.uk/education/mathsfife/shockwave/games/gridgame.html> (Grid Game - Find the factors, multiples, powers, prime, and triangular numbers from the selection shown on the grid and see Pythagoras and Hypatia jump for joy!)

<http://schoolcentral.com/willoughby5/default.htm> (Stanley Park Chase - Help Stanley find his buried gold by answering the multiplication facts.)

<http://www.harcourtschool.com/activity/mult/mult.html> (Multiplication Mystery - Match the products to the multiplication table to reveal a hidden picture.)

<http://www.quia.com/custom/6gate.html> (Find the matching squares)

<http://www.geocities.com/multiplicationfacts/> (For each problem, find the correct answer and click on it. If you are correct, you will see the next problem. If you are wrong, nothing will happen, try another answer.)

<http://quizhub.com/quiz/f-multiplication.cfm> (Quiz Hub - Click on the matching pairs.)

<http://www.programmingart.com/free/games/multiply/> (Timed multiplication practice that keeps your score)

<http://www.lizardpoint.com/math/mult-online.html> (Practice facts)

<http://www.playkidsgames.com/mathGames.htm> (Numerous games to practice facts)

<http://www.mathgym.com.au/htdocs/japplets/invaders/invaders.htm> (Play Space Invaders)

<http://www.prongo.com/math/multiplication.html> (Batter's Up Baseball - Choose a Single to practice facts)

<http://www.funbrain.com/football/index.html> (Football Game practicing multiplication facts)

## **Worksheets**

<http://www.edhelper.com/multiplication.htm> (Many multiplication worksheets)

<http://superkids.com/aweb/tools/math/multiply/> (Create your own multiplication math facts worksheets. Use them in the classroom for practice or timed drills, or at home. Choose from two levels of difficulty)

<http://www.teachrkids.com/fronts/mul.htm> (Interactive worksheets where you create the types of fact problems)

<http://www.kidzone.ws/math/multiplication.htm> (Create your own worksheets from many categories)

<http://www1.tpgi.com.au/users/puzzles/page36.html> (Crossnumber Puzzle)

## **Multiplying by a 1-digit number**

<http://www.dositey.com/muldiv/multip.htm> (This site has lessons, exercises, and worksheets.)

[http://www.hbschool.com/activity/mmath/mmath\\_knack.html](http://www.hbschool.com/activity/mmath/mmath_knack.html) (Mighty Math Calculating Crew adapted from the CD-Rom to be played on the internet)

<http://www.bbc.co.uk/education/mathsf/shockwave/games/gridgame.html> (Grid Game - Find the factors, multiples, powers, prime, and triangular numbers from the selection shown on the grid and see Pythagoras and Hypatia jump for joy!)

<http://www.teachrkids.com/fronts/mul.htm> (Interactive worksheets where you create the types of fact problems)

<http://www.lizardpoint.com/math/mult-online.html> (Practice problems)

<http://www.playkidsgames.com/mathGames.htm> (Numerous games - Choose the Medium or Difficult level to get the equations for 2-digit and 3-digit multiplied by a 1-digit number)

<http://www.prongo.com/math/multiplication.html> (Batter's Up Baseball - Choose a Double to multiply a 2-digit number by a 1-digit number)

## **Multiplying by a 2-digit number**

<http://www.quia.com/rr/10205.html> (Brain Buster - Multiply multiples of 10,100, and 1,000)

<http://www.quia.com/rr/10206.html> (Multiplication Millionaire - Multiply multiples of 10, 100, and 1,000)

<http://www.lizardpoint.com/math/mult-online.html> (Practice problems)

<http://www.prongo.com/math/multiplication.html> (Batter's Up Baseball - Choose a Homerun to multiply a 2-digit number by a 2-digit number)