

Extra Tools to Help the Struggling Math Student

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I. Touchmath

A. Addition, Subtraction, Multiplication, Division

B. Coins

II. Strategies

A. Skip Counting Cards

B. Rhymes for skip counting

C. Subtraction Rhymes

D. Using a ball or Metronome to involve both sensory and motor skills

III. Multiplication

A. Nines on My Fingers

B. Number Arrays

C. Multiplication WAR! Game

D. Fast Fact Fun Game

IV. Division

A. Visuals for division steps

B. Does McDonald's Sell Cheeseburgers?

C. Numbers in Jail

D. Divisibility Rule Strips

V. Suggestions for Alignment

A. Use notebook paper turned sideways

B. Use computation grids

C. Try the lattice method for multiplication

VI. Story Problems

A. Clue Words

B. Graphic Organizers

C. Four Square in Mathematics—PICS Formula

VII. Other Math Charts and Ideas

A. Place Value Charts

B. Linear Measures

C. Metric Measures

1. King Hector Doesn't Usually Drink Chocolate Milk

2. Metric Measurement Song

D. Liquid Measures—Measurement Man—www.mathwire.com

E. Rounding—Bully Boy vs. Weak Wimp

F. Pocket Notebook for math formulas and definitions of terms

VIII. Computer Resources

A. www.aleks.com--a subscription site that does an assessment of the student, then shows results in a pie chart and generates problems that target the student's needs

- B. www.aplusmath.com--games, flashcards, worksheets
- C. www.arcademicskillbuilders.com--a variety of games to teach automaticity of facts and more
- D. www.buildabear.com--flashcards, games
- E. www.edhelper.com--create a variety of worksheets, math puzzles, etc.
- F. www.ixl.com--lists math skills by grade level (pre-K-5th), includes practice activities for each skill. This site will also track the student's score and questions will increase in difficulty.
- G. www.knowledgeadventure.com--Math Blaster for ages 6-12
- H. www.learningcompany.com--computer software for various math games
- I. www.littlegiantsteps.com--counting and skip counting CDs, etc.
- J. www.math.com--homework help and practice from basic through advanced math
- K. www.mathcafe.com--math puzzles, teacher resources
- L. www.MathUSee.com--a Christian math program with manipulatives
The site includes a worksheet generator and timed skill drills.
- L. www.quia.com--a subscription site (\$49 per year)—create activities, quizzes, games, etc.
- M. www.setgame.com--a game of visual perception that kids love!
- N. www.thatquiz.org--create your own on-line math quizzes, timed or untimed

IX. Games and Products

- A. Fast Track Learning Card Games
- B. Master Rulers/Master Clock—www.themasterruler.com
- C. Math Minutes, Creative Teaching Press—www.creativeteaching.com
- D. Math Sharks—www.callowayhouse.com
- E. Meteor Math Bingo—Fast Track Learning
- F. Plastic Number Line—raised numbers from 1-100, pieces snap together—
www.didax.com
- G. SET game—www.setgame.com
- H. Snap It Up—www.learningresources.com