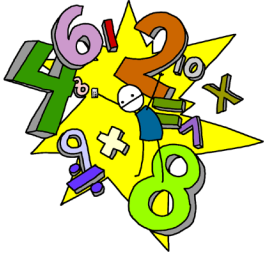


Lower School Summer Math Fun



Summer break brings thoughts of fun in the sun and travel to the beach or other adventurous destinations. It surely does not bring thoughts of math! However, to continue the progress earned through the school year, some review and practice can certainly keep math knowledge and skills sharp as well as ease the transition to the next level in August. Please consider the ideas and resources below as you plan your summer activities.

- ◆**Talk** about the math you come across in your daily routines, cooking, driving, etc.
- ◆**Play** the Everyday math games. Directions can be found online in the My Reference Book (Grades 1 &2) and the Student Reference Book (Grades 3-5.) Children who are still working on number sense and number combination fluency should play as much as possible.
- ◆Play board games and card games that involve counting, planning and strategy.
- ◆Make up word problems, equations, and other math mysteries for your child to figure out. Take advantage of those math rich situations like trips, packing, etc. to show your child how we use mathematics in much of what we do every day. Think out loud.
- ◆**Always** ask, "How did you get that?" "Can you show me another way to do that?" "Remember how you did _____. See if you can use that same strategy."
- ◆**Avoid** telling your child how to figure something out. Let them make sense of the problem for themselves. You can always say, "Show me how you figured that out." Then wait, listen and reply with a positive response or question to lead them to understanding and an answer.
- ◆Test out some good web sites. Some are good for straight computation practice and others are valuable for problem solving.

Recommended summer review:

Summer Solutions - Our top recommendation - 30 lessons with a balanced review – summersolutions.net Louisville Collegiate has arranged for our families to purchase books for \$15.99 each (includes shipping) with the code H40204LCS. Order the grade level your child has just completed. The books will be sent directly to your home. See directions for ordering below. This offer will end August 5, 2019. Students returning the completed book to their homeroom teacher or Mrs. Scherer will receive an invitation to visit the Math Lab for a treat.

Optional resources:

Math Minutes – Creative Teaching Press – Can be found at Barnes & Noble locally or online bookstores – can complete only the odd or even pages 4-5 days each week (about \$12-\$16)

[Noetic Learning](#)– Stay Ahead or Leap Ahead (has a gifted program too)

\$19.95-\$24.95/month

[IXL.com](#) – Free online practice

Subscription to skills practice which will track a student’s progress through weekly email updates \$9.95/mo. or \$79/year

Websites:

[Cyberchase](#)- great games associated with TV show Cyberchase (grades 4+)

[Gamequarium](#)- links to other sites based on selected skill

[Everyday Math Online](#)

[Math Forum](#)

[aaamath](#)

[Funbrain](#)

[aplusmath](#)

[Braingle](#) – logic

[Puzzlebeast](#)- online puzzles

Apps:

There are many apps specific to grade levels and specific skills. New ones are introduced all the time. Among the following are several that have been recommended by Parents Magazine, Edutopia and Education.com. Check itunes and Google Play for other recommended apps. Read the reviews to see if the app addresses your child’s needs.

PreSchool Math Games for Kids

Peter Pig’s Money Coin Counter (K-2nd) Operation Math (2nd+)

Dinorama (2nd-3rd) Marble Math (3rd+)

Crazy Times Tables (3rd-4th) Motion Math: Cupcake (3rd+)

Mathmateer (3rd+) Monkey Tales: The Abbey of Aviath (4th+)

American Mensa Academy (5th+) Slice It (5th+)

Math Galaxy Whole Number Riddles & Math Galaxy Fraction & Decimal Riddles – all grade levels (1+)

Commercial games:

Battleship

Block by Block

Coda

Continuo

Hi Q

Mastermind

Yahtzee

Make 7

Count Down

Sum Time

Sum Swamp

SuperMind

| | | |
|-------------------------------|--------------------------|------------------|
| Blink | Blokus | Othello |
| Set | Chess | Checkers |
| Snap it Up | Goblet | Rumis |
| Simon | Cribbage | Connect 4 |
| Mathopoly | Head Full of Numbers | Sumoku |
| Pay Day | Pizza Fraction Fun Games | 4-way Count Down |
| Money Bags: A Coin Value Game | | |

Books:

Family Math and Family Math for Young Children

by Jean Kerr Stenmark - Jam-packed with math games and activities for all ages and skill levels.



The Book of Think by Marilyn Burns - Lots of great explorations and “math talk” ideas.

Math for Smarty Pants by Marilyn Burns – Some challenging and creative ideas/projects

KEN KEN, SUDOKU and other puzzle books or online access