

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 \$14.99 each (includes shipping) with the code H40204LCS. The books will be sent directly to your home. See directions for ordering below. This offer will end

August 5, 2018. 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.com – 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:

<http://pbskids.org/cyberchase/games.html> - great games associated with TV show Cyberchase (grades 4+)

<http://www.gamequarium> - links to other sites based on selected skill

<http://www.everydaymathonline.com>

<http://www.mathforum.com>

<http://www.aaamath.com>

<http://www.aplusmath.com>

<http://www.funbrain.com/numbers.html>

<http://www.braingle.com> – logic

<http://www.puzzlebeast.com> - online puzzles

Apps:

There are many apps specific to grade levels and specific skills. 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.

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

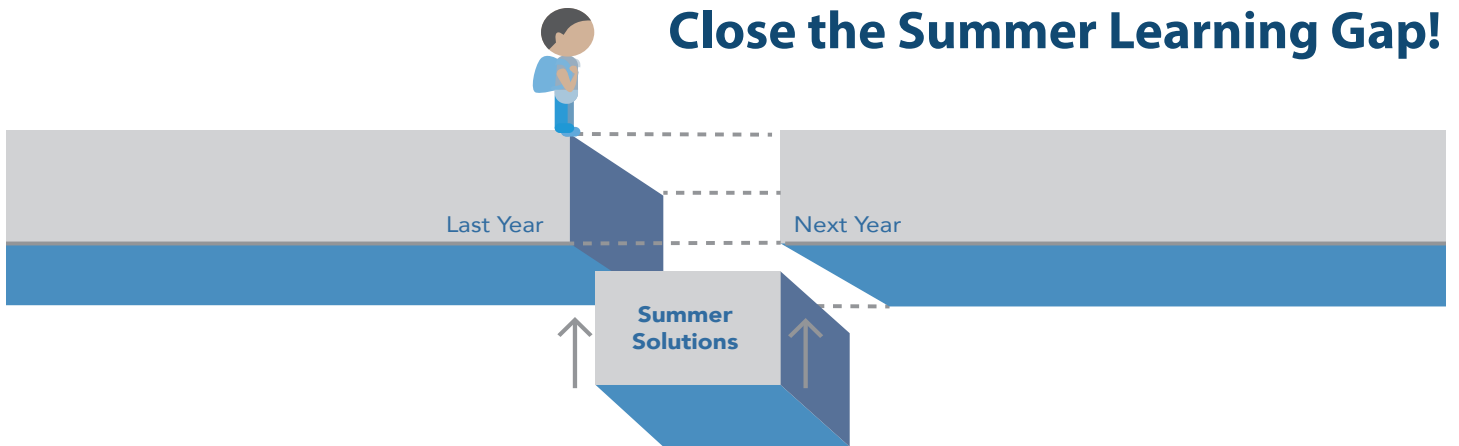
by Jean Kerr Stenmark - Jam-packed with math games and activities for all ages and skill levels.

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



Summer learning loss puts students at a serious disadvantage. This is when skills and knowledge are lost over the summer months, causing students to move backwards instead of progressing.

By spending just **minutes a day** with *Summer Solutions*, students get the practice they need to keep moving forward. It was designed to help students return to school after summer break confident in the skills they've already learned and ready to master new ones.

Your child worked hard all year. Make sure that progress sticks. Give your child the advantage of *Summer Solutions*.

Each book is \$14.99.

School Name: **Louisville Collegiate School**

Go to www.summersolutions.net

To place your order, enter your school code: **H40204LCS**

Order Early!



Orders placed before May 1, 2018 will be entered in a drawing for a \$250 Amazon Gift Card.

(No purchase necessary to enter the drawing.)

For Rules: <https://simplesolutions.org/blog/sweepstakes>