

Fun Ways to Avoid Summer Brain Drain!

During the fun summer months children tend to forget some of the academic skills learned during the school year. Helping your child avoid the summer "brain drain" can be easy and lots of fun. Math games are a great way to occupy your child while keeping their skills sharp in the summer. Read on for ideas!

Recommended Daily Math Activity Time

- Students entering Pre K, K and grade 1- a minimum of 5 minutes
- Students entering grade 2 a minimum of 10 minutes
- Students entering grade 3 a minimum of 15 minutes
- Students entering grades 4 and 5- a minimum of 20 minutes

Summer Blast Math Books

At your local library there are many great picture books that teach various math skills. Here are some great titles separated by topics:

Chance, Probability, Graphs, and Data

Do You Wanna Be? Your Chance to Find Out about Probability by Jean Cushman

Addition

Addition Annie by David Gisler

Imogene's Antlers by David Small

Math Potatoes: Mind-stretching Brain Food by Greg Tang

The Mission of Addition by Brian Cleary

Division

Amanda Bean's Amazing Dream by Cindy Neuschwander

The Little Mouse, The Red Ripe Strawberry and the Big Hungry Bear by Audrey Wood

The Pigeon Finds a Hot Dog! By Mo Willems

Money

The Big Buck Adventure by Shelley Gill and Deborah Tobola

Once Upon A Dime by Nancy Kelly Allen

Brochure created

by the Marlborough Public Schools



Marlborough Public Schools

Summer Math Matters!



Fantastic summer **MATH** activities, including websites, games, apps, and more!

Automaticity

Research has shown quick recall of math facts (automaticity) is a predictor of success in all areas of mathematics. The best way to help your child with elementary mathematics learning is by helping him or her master basic addition, subtraction, multiplication, and division facts.

Fun ways to engage your child in practicing math facts

The internet has some excellent resources for developing math fact automaticity. Try several of the websites listed here and see which one your child likes the best!

www.sumdog.com

www.xtramath.org

www.arcademicskillbuilders.com

www.tutpup.com

www.playkidsgames.com

www.fun4thebrain.com

www.arcadediner.com

www.multiplication.com

www.brainormous.com

Apps, Apps, and More Apps...

Apps on cell phones are another great way to keep your child's math skills in good shape! Here are some winners.

Basic Math Deluxe

Bubbling Math

Alien Kids Math

Epic Math

Pizza Fractions

Counting Coins

Great Math Activities

Have a family game night! Card and dice games can be fun for the whole family.

Fact War

Rules: Deal an equal number of cards to each player. Keeps cards face down. The first player flips 2 cards and adds them. The next player flips 2 cards and adds them. (All face cards and aces equal 10). The player whose fact yields the highest answer takes the cards. If both facts yield the same value then each player puts 3 cards face down and flips over another 2 card: the greatest sum wins! Variation: Instead of adding, subtract or multiply.

Math is Everywhere!

On the Road

Road trips are a great way to practice math skills in a fun way.

Find My Number – create a chart listing the numerals and/or number words from 1 -100.

Have your child look for signs that contain number words or numerals and try to find them all. For example, "Two for One Deal" or "99 Restaurant." One, two, and 99 can be checked off.

License Plate Math – Have each person in the car choose a license plate and write down its numbers. Compare numbers to decide whose license plate has the greatest sum or product.

In the Kitchen

Cooking is a great way to practice math skills. Have your child measure the ingredients. Show your child how to measure a cup, and then have him/her estimate how many cups would fill an empty container of milk. Practice tracing numbers in flour.

Out and About

When you go to a restaurant, keep the menu to practice money skills. Find the least expensive item on the menu, and then the most expensive item. Pick two price values (\$5 and \$10) and ask your child to find the menu items whose total cost is between those amounts.

At the Beach

Practice tracing numbers in the wet sand. Write addition or subtraction problems on the different sides of the beach ball. Toss the ball back and forth. Take a step back after each throw and the first person to drop the ball has to solve one of the problems.