



Summer Math 2018

What is the Summer Slide?

Summer is the perfect time for students of all ages to relax, but it's also a time when summer learning loss can occur. This learning loss is called the "summer slide," and happens when children do not engage in educational activities during the summer months. Luckily, there's a lot you can do—and it doesn't have to be a drag, either. Summers are for fun, and that's why we have some fun solutions for you and your child to work on together.

Math Fun in the Summertime!

Parents, we want to encourage you to help your kids keep a math journal over the summer. In the journal, have them write where they used math during the day. Did the kids divide (partition) a snack equally? Calculate elapsed time to determine when they would need to reapply sunscreen? How about adding fractions to double the ingredients on a recipe? Math is everywhere! The more kids see how math is used in our everyday world, the more they began to understand and value the power of mathematics!



Games for Young Minds

As a parent of two (nearly three!) young kids, Kent Haines, a middle school math teacher, discovered that classic games such as Sorry and Connect Four provided wonderful opportunities for mathematical conversations with his kids. Since that time, he has been eagerly reading research on how young children learn through play. He's excited to share what he's learned, and to hear from you about the conversations you've been having with your kids. Click the image to learn more...



Real World Activities That Are Perfect for Engaging Your Child

Real-world learning is great because it allows students to actually experience or practice concepts versus learning them as theory.

Click [here](#) for ideas for ways to keep kids (K-3) engaged with math during the summer months!

Click [here](#) for ideas for ways to keep kids (4-6) engaged with math during the summer months!



Math Facts Practice Websites

There has been a good deal of research in the past few years about how memorizing math facts is not as effective as genuinely-engaging math fact practice, through games, puzzles and....

Check these out!

- [XtraMath](#) ~ Practice with addition, subtraction, multiplication, and division math facts
- [Calculation Nation](#) ~ Check out Times Square
- [Kakooma](#) ~ Part of the Greg Tang Math website (lots of great ideas!)
- [ZapZapMath](#) ~ game-based math fact practice
- [Times Tables](#) ~ practice multiplication facts with the times tables, missing products, and arrays
- [Oh, No 99! Game](#)

More Fun Math Activities by Grade Level

Click [here](#) to visit the Westborough District's Math Website for more summer activities by grade level!



Awesome Talks!

[Growth Mindset: Boosting Math](#)

[Jo Boaler](#) How you can be good at math, and other surprising facts about learning
[Angela Duckworth](#) Grit: The Power of Passion and Perseverance