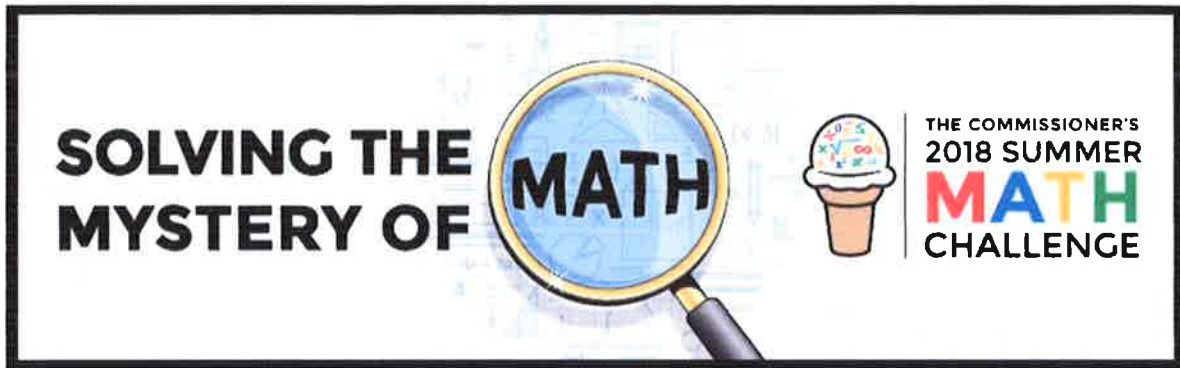


## ARE YOU UP FOR THE CHALLENGE...SIGN UP NOW!



I know we are all dreaming about the first day of summer vacation, which means no early morning rushing around, packing lunches, and a lot of fun in the sun! However, we cannot lose sight of the gains our children have made in the areas of mathematics this year. In order to keep those achievements and be prepared for the fall, our children need to keep those skills fresh and have opportunities to access them throughout the summer. We might not want to think about mathematics over the summer, but it is necessary in a range of life-skills and develops critical thinking skills, which require logic and order to solve complex problems. It allows us to express our thoughts and ideas with clarity, coherence, and precision. Learning mathematics will enable students to become college and career ready.

This year the four elementary schools and the middle school will be participating in the Commissioner's Summer Math Challenge. This is a free math skills maintenance program based on the Connecticut Core Standards for Mathematics. The program is for students who have completed first through eighth grade and is designed to help kids retain math skills learned during the previous school year. The program runs June 18<sup>th</sup>-July 27<sup>th</sup>. You will receive daily emails with fun math activities and resources, and when the program ends, you can print an award certificate to celebrate your child's summer accomplishment.

Most importantly, have conversations with your child about mathematics. Play math games and ask for explanations of strategies and solutions. Use everyday activities to show your child how mathematics is used. Reinforce mathematics by sharing your thinking as you work through real world problems, such as cooking dinner, or preparing for a party. We wish you a fun, relaxing summer filled with rich math discussions!

See other side for directions on how to sign up.

**Please detach and return to your teacher.**

---

Name: \_\_\_\_\_

Grade: \_\_\_\_\_

I am accepting the SUMMER MATH CHALLENGE! I am all signed up and ready to go!



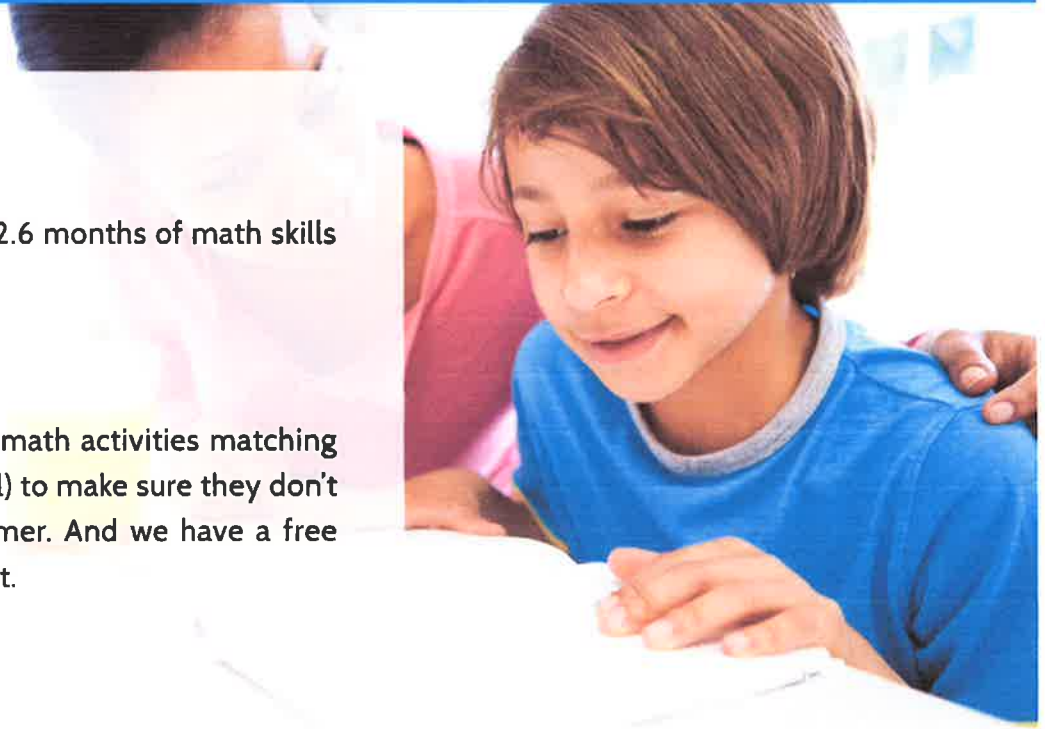
# Fight Summer Math Loss!

## THE PROBLEM

On average, students lose 2.6 months of math skills over the summer months.<sup>1</sup>

## THE SOLUTION

Have your child engage in math activities matching their ability (Quantile® level) to make sure they don't lose ground over the summer. And we have a free tool to help you do just that.



# SUMMER CHALLENGE

## What is the Summer Math Challenge?

The Summer Math Challenge is a FREE math program designed to help kids retain math skills learned during the previous year. The six-week program offers daily emails with fun activities and resources at each student's ability level.

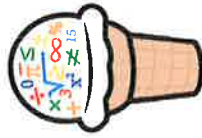
## Who is it designed for?

The Summer Math Challenge is designed for students who have just completed grade 1 through 8.

## How do I sign up?

- 1 Go to [Quantiles.com/summer-math](https://www.quantiles.com/summer-math) to enroll your child.
- 2 Starting Monday, June 18<sup>th</sup>, check your inbox for daily emails with fun activities and resources.
- 3 Visit [Quantiles.com/summer-math](https://www.quantiles.com/summer-math) every day to read about weekly math concepts and earn badges.
- 4 When the program ends on Friday, July 27<sup>th</sup>, print an award certificate to celebrate your child's summer accomplishments!

<sup>1</sup> Cooper, H., Nye, B., Charlton, K., Lindsay, J., & Greathouse, S. (1996). The effects of summer vacation on achievement test scores: A narrative and meta-analytic review. *Review of Educational Research*, 66(3), 227-268. Patail, Erika A., Harris Cooper, and Ashley Batts Allen. "Extending the school day or school year: A systematic review of research (1985-2009)." *Review of educational research* 80.3 (2010): 401-436.



THE COMMISSIONER'S  
2018 SUMMER  
**MATH**  
CHALLENGE

**Students and Families:**

To learn more, ask your teacher or principal to contact the Connecticut State Department of Education at 860-713-6557 or [www.ct.gov/sde](http://www.ct.gov/sde).

SOLVING THE MYSTERY OF  
**MATH**

Summer Math Log



THE COMMISSIONER'S  
2018 SUMMER  
**MATH**  
CHALLENGE



THE COMMISSIONER'S  
2018 SUMMER  
**MATH**  
CHALLENGE

# SOLVING THE MYSTERY OF MATH



Name \_\_\_\_\_

Grade \_\_\_\_\_

School \_\_\_\_\_

Town \_\_\_\_\_

My favorite math topic was \_\_\_\_\_

I liked this topic because \_\_\_\_\_

**MetaMetrics (Quantiles)**  
Total number of badges earned: \_\_\_\_\_

I learned about the following topics: \_\_\_\_\_