



THOMAS EDISON
MIDDLE SCHOOL



Thomas Edison Middle School

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Dear Thomas Edison Middle School Students,

We hope you are enjoying your summer vacation. Attached are a list of IXL strands to be completed over the summer to help keep your math skills sharp. The list will also be available on the TEMS website <http://tedison.aces.org>. You will log in using your computer username followed by @aces1. If you are not going to be home, you can go to any place that has Internet access and sign into your IXL account using your user name and password. You also have the option of downloading the free IXL app onto your phone or personal device so you can take it with you on all your summer adventures!

These strands were chosen because they are very important to your math success in the upcoming year. We will be able to check that you've accomplished practice on these strands electronically. Please enter your smart score on the provided chart for each strand, and have your guardian initial to confirm completion. DO NOT use a calculator, copy the problems down in a notebook and show all your work. The IXL strands will be scored.

This year we are also asking all of our students to participate in the Commissioner's Summer Math Challenge. The Summer Math Challenge is a FREE math skills maintenance program based on the Connecticut Core of Standards for Mathematics. The program is designed to help kids retain math skills learned during the previous school year. To join the Summer Math Challenge:

- Go to quantiles.com/summer-math to enroll your child.
- Starting Monday, 6/18 check your inbox for daily emails with fun math activities and resources.
- Visit quantiles.com/summer-math every day to read about the weekly math concept & earn badges.
- When the program ends on Friday, July 27th, print an award certificate to celebrate your child's summer accomplishment!

Don't forget. Math is life. If you pay attention, you will see it all around you. Have a great summer!

Thomas Edison Middle School
Mathematics Department

An **aces** Interdistrict Magnet School • aces.org or www.aces.org/tems

Area Cooperative Educational Services • The Regional Educational Service Center Serving South Central Connecticut

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<u>8th Grade</u>	<u>Smartscore</u>	<u>Smartscore Achieved</u>	<u>Parent Initial</u>
V.1 Write variable expressions	100		
V.3 Write variable expressions: word problems	100		
V.4 Evaluate one-variable expressions	100		
V.5 Evaluate multi-variable expressions	100		
V.14 Add and subtract like terms	100		



THE COMMISSIONER'S
2018 SUMMER
MATH
CHALLENGE

A Message to Parents and Students

Why has the State of Connecticut launched the Commissioner's Summer Math Challenge? Because being mathematically literate is important. Mathematically literate individuals are able to make informed decisions about the world around them and have the interest and confidence to meet the needs and challenges of today's society.



Mathematics is a core skill for life. It is necessary in a range of life-skills.



Mathematics develops critical thinking skills. It requires logic and order to solve complex problems.



Mathematics enables us to explain how things work. It allows us to express our thoughts and ideas with clarity, coherence and precision.



Mathematics is essential in a world of constant change. New technologies are changing the way we live. It is becoming an increasingly important factor in a variety of industries.



Mathematics is the gateway to the future. Learning mathematics will enable students to become college and career ready.

What YOU Can Do to Encourage Mathematics



Encourage your child to use what is already known to find answers for new problems.



Ask your child to explain what she or he is doing when working on a problem. Be patient with unfamiliar methods, because they might be helpful to support your child's understanding of mathematics.



Encourage your child to stick with a problem that may seem difficult at first; working on different ways to solve a problem can be helpful.



Play math games with your child and ask for explanations of his or her strategies and solutions.



Use everyday activities to show your child how mathematics is used.



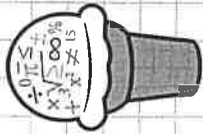
Reinforce mathematics by sharing your thinking as you work through real problems, especially if it takes some time and effort to find a solution.



Show enthusiasm for your child's study of mathematics.

To learn more about the Summer Math Challenge, contact the Commissioner's Summer Math Challenge project at 860-713-6557, or visit <http://www.ct.gov/sde>.

THE COMMISSIONER'S
2018 SUMMER
MATH
CHALLENGE



SOLVING THE MYSTERY OF MATH



How did you review math this summer? (Please check one)

Khan Academy

Total time practiced: _____

MetaMetrics (Quantiles)

Total number of badges earned: _____

I learned about the following topics: _____

Name _____

Grade _____

School _____

Town _____

My favorite math topic was _____

I liked this topic because _____
