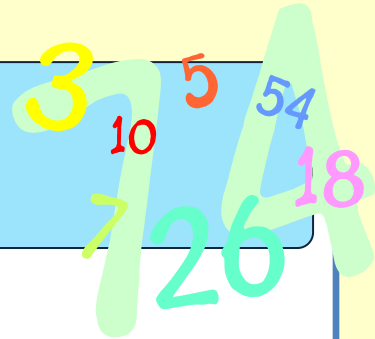
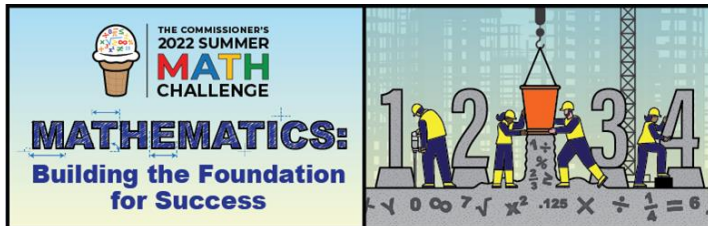


MATH MATTERS

SUMMER NEWSLETTER



Summer Activities



Commissioner's 2022 Summer Math Challenge

The 2022 Commissioner's Math Challenge stresses the importance of maintaining math skills during the summer. Registration, instructions, and all other materials are available online at the link below:

<https://portal.ct.gov/SDE/Math/Summer-Math-Challenge>

Greg Tang



Are you looking for an activity that will allow your child to continue learning and have fun over the summer break? Then check out Greg Tang's Summer Break Math Challenge!

<http://TangMath.com/summer>

During the break, K-6 grade students can complete the activities on their grade level game board. The game boards can be found on the site listed above.

Students can also move to a harder or easier level of the game to make things more or less challenging.

"Show me, help me, let me!"



Dreambox

Students can continue practicing their math adventures, games, and challenges via Dreambox over the summer by visiting:

<https://clever.com/in/grotonk12/student/portal>



These activities are *optional*. Students who do not participate will not be penalized in any way. It is fine for students to get help from you or someone else if they need it.

MATH MATTERS - SUMMER NEWSLETTER

The Importance of Math in Everyday Life

1. Helps build problem-solving skills
2. Better understand finances, time, and measurements
3. Math helps develop analytic and reasoning skills
4. It is used in all areas of life from sports to music to building
5. Math explains how the world works
6. It sharpens your mind



Tips to Engage your Children at Home

- Encourage counting and comparing objects at home! For example, count how many chairs are at your table.
- Collect items to sort them with your child.
- Play matching games
- Play various card and dice games
- Follow recipes to cook and bake
- Use flashcards
- Count money & tell time
- Play math related games online
- Math puzzles

Math
Allows
Thinking
to Happen



Research Suggests...

- Mathematics is unavoidable. It is an essential part of our daily lives.
- "We use the tool of computation to quantify our world" Harry T. Roman
- Math is not a skill we are born with. It must be taught, learned, and practiced
- Math is a skill that is consistently becomes more complex. If a basic concept is not understood, it is difficult to progress.
- Real-life connections need to be made in order for children to see the value in math
- Math can become stressful and intimidating very quickly. It is important that pressure surround the subject is less forceful and more engaging



Berch, D. B. (2009). Why is math so hard for some children?: The nature and origins of mathematical learning difficulties and disabilities. Baltimore, MD: Brookes.