The Math Corner

Guide to Avoid Summer Slide

Did you know…

- Math skills decline more over the summer than any other academic skills.
- Math skills declined more than reading skills, as children are more likely to carry out summer tasks and activities linked to reading.
- Most young people lose about three months of math computational skills over the summer months.
- Most parents – and children – don't think about math existing beyond the classroom.
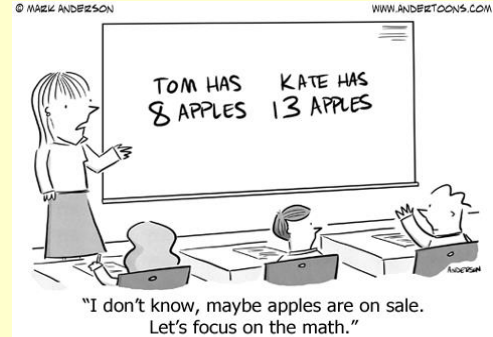
How to Help:

The following are a few suggestions as to different activities you and your child can do during the summer. Remember, math practice should:

- Rely on understanding concepts, not memorization.
- Be Exploratory.
- Emphasize reasoning.
- Be Fun!

Check out www.stuttgartmath.com for all resources and links.

*Math in Real World Experiences

Using real world experiences to practice math helps students better understand and describe the world around them. Unfortunately, the purpose of math is sometimes overshadowed by standards and assessments. Taking the time to show your child how math is a part of everyday life, just like reading and writing, will bring meaning to their work.

"I don't know, maybe apples are on sale. Let's focus on the math."

*Talk About Math

Talking is critical to learning because it:

- Reveals (mis)understandings.
- Boosts memory.
- Supports deeper reasoning.
- Supports ability to reason and communicate mathematically.

*Play Computer Games and Apps

Games allow learners to:

- Be active participants.
- See the visual connections between game play and the math.
- Receive continuous positive or corrective feedback.

*Fluency Games

Math fluency is defined as having efficient, flexible and accurate ways to calculate. Games are a great way to provide this practice, so be sure to check out the cool fluency games on www.stuttgartmath.com

GL	Required Fluency by Grade Level
K	Add/Subtract within 5
1	Add/Subtract within 10
2	Add/Subtract within 20
	Add/subtract within 100 (pencil/paper)
3	Multiply/divide within 100
	Add/subtract within 1000 (pencil/paper)
4	Add/subtract within 1,000,000
5	Multi-digit multiplication