

MATH AT HOME

Math Attitude

- Positive attitudes affect a child's attitude towards math.
- Everyone can learn math to the highest level with hard work.
- Mistakes are valuable.
- Questions are important.
- Math is about creativity and making sense.
- Math is about connections and communicating.
- Depth is more important than speed.
- Math is growth subject and it takes time to learn.
- Providing opportunities for math to be fun.
- Connecting math or numbers to their world.
 - Sports scores
 - Groceries
 - Practice times
 - Cooking
 - Counting/Sorting coins
- Growth Mindset
 - "I can do it!"

Math Homework

- Students are exposed to a lot of strategies to solve a problem that we might not have been taught as kids.
- Parents' role is to ask questions and let the children figure out how to do the math so that they can make sense of the mathematics.
- Questions you can ask:
 - Getting Started
 - Can you tell me what you already know.
 - When they are stuck
 - What have you tried?
 - Anytime Questions
 - How do you know?
 - What can you tell me?
- Remember that homework is just practice!

Games to Play

- **Card games**
 - War (Operation War)--Regular Cards
 - Speed--Regular Cards
 - Phase 10
 - Set
 - Snap It Up
- **Dice games**
 - Yahtzee
 - Tenzi
 - Farkle
- **Board games**
 - Monopoly, Sorry, Connect 4
 - Sequence, Rack-O
 - Head Full of Numbers
 - Hi-Lo Cherry-O
 - Shut the Box, Mancala, Dominoes
 - Chutes and Ladders
- **In the car math games**
 - RallyRobin Counting
 - Forward counting
 - Backward counting
 - Skip counting or Multiples
 - Fact Practice questions
 - Would You Rather Questions
 - Would you rather have $\frac{3}{4}$ of a candybar or $\frac{3}{8}$ of a candybar? Why?
 - Would you rather have 2 quarters or 6 dimes? Why?
 - Would you rather have 3 pencils that are 9 cm each OR 5 pencils that are 6 cm each? Why?

Math Resources

- See School Website

Cool Math 4 Kids	Math Playground	DreamBox Learning
Funbrain	Front Row*	Prodigy*
Khan Academy	Greg Tang Math	YouCubed
Card Games	ConnectEd	Math Is Fun