



Summer ST Math at Home with JiJi



Dear Parents or Guardians:

This school year, your child used the ST Math program at school. ST Math is a web based computer program where your child plays games designed to teach math. **This summer your child can continue to play ST Math at home using a computer or a tablet until two weeks before the first day of school.** Attached to this letter are instructions for using ST Math at home this summer.

In ST Math, the puzzles start off simple and then get more challenging as the child progresses. When they reach a challenging problem, your child should attempt the problem and use the visual feedback provided to help them figure out why their answer did or did not work. The feedback provided with each puzzle will help students figure out how to solve the problems.

How to help your child when they get stuck:

Your child is learning to be a problem solver. As a problem solver it is important for them to figure things out for themselves.

Questions to help your child figure it how to solve the puzzle:

- What do you notice about the puzzle?
- What can you click?
- What do you need to do to get JiJi across the screen?
- What question is this puzzle asking?
- Decide what you will click on to solve the puzzle. Describe what you think will happen when you click?
- Describe what you see after you click. What did you learn?
- What will you do now? What do you expect to see?
- What did you learn from the previous level that can help you here?

You may need to ask these questions several times to help your child think through the math in the game. Encourage your child to take risks and ask them to explain what they learn from the wrong answers.

Additional Ideas:

Encourage your child to go back to the previous level and play that puzzle. What did they learn from that level that can help them with the level on which they are stuck?

Questions to ask to help your child explain what they are learning

- Can you explain how you solved the puzzle?
- Can you solve it in a different way?
- What math skills are you using to solve the puzzle?

Ideas to promote mathematics

1. When your child masters a level it will turn green. Have your child go back through and select a green level they have mastered. Have them teach a family member the game. Make sure they share their understanding of the math in the games. This is a good opportunity to encourage communication. Take note of the vocabulary words that they use and build a summer math word wall.
2. Have your child identify their favorite game and do one of the following:
 - Create word problems that go along with each level in that puzzle
 - Write a math story based on the visual picture in the game
 - Create a game that can be played by the entire family. The game should include directions and a title

For more ideas and information visit JiJi on social media

Pinterest: <https://www.pinterest.com/jjimath/>

Twitter: <https://twitter.com/jjimath>

Facebook: <https://www.facebook.com/JiJiMath>

Happy JiJi-ing!