

ST Math for Parents



How can I help my child with ST Math:

There are 2 ways that you can help your child with ST Math.

I. Suggest “Think before you click”.

- A. Where is the path?
 1. Help JiJi walk across the screen
 2. Where is the path that JiJi will take?
 3. What do you notice about the path that JiJi will take?
 - B. How can you help JiJi cross?
 1. Think about how you can help JiJi cross. Move your mouse around, what do you notice that is clickable?
 2. How does that information help you determine what to do?
 3. Is there anything that you learned from the previous levels that can help?
 - C. Visualize your answer.
 1. Think about how you will solve the puzzle.
 2. What strategy will you use?
 3. Picture your strategy.
 4. Before you click, describe what you think will happen. (Make a mind movie)
 - D. Analyze what happens.
 1. What did you notice? (Be sure to pay attention to the feedback)
 2. What information do you learn from the feedback?
 3. How will you use that information to adjust your strategy?
- You may have to do step 3 and 4 many times to figure out the answer.
 - Think of what resources could help you: manipulatives, paper/pencil
 - If you are still stuck, use the JiJi stuck journal to help

II. Use Facilitating Questions

- A. Try these 3 Steps
 1. Step 1 - Uncover Thinking
 - a) What have you tried?
 - b) What happened then?
 - c) Why did you ___?
 2. Step 2 - Examine Animation
 - a) What is happening in the animation?
 - b) What did you notice? What else?
 - c) When you clicked ____, what happened?
 3. Step 3 - Apply Hypothesis
 - a) What do you think will happen?

- b) How will this work on this problem?
- c) What steps will you take?
- d) How did you decide that was correct?

B. Other Facilitating Questions

1. What does JiJi need to do?
2. What does JiJi need to do?
3. How might you begin?
4. What do you need to do next?
5. Why did that happen?
6. How can you help JiJi?
7. How did the earlier problem/levels work?
8. Is this like that ___ you did earlier?
9. How did you get that answer?
10. What did you see that showed you the answer was wrong?
11. What will happen if you click on ___?
12. What have you tried? What happened?
13. What do you notice? What else do you notice?
14. What did you try that did not work? Why did it not work?
15. Please explain it in a different way.
16. Show me how this will work on the next problem.
17. What do you already know about?
18. Why did you ___?

ST Math has many more resources like this to assist you and your child with how to navigate ST Math.

Where to find more resources:

1. If you go to STMath.com
2. Go to the section that says "Select your role"
3. Click on "Parent"
4. On this page there is a wealth of information including math resources, how to help your child with ST Math, posters similar to the information above, and a video that explains what ST Math is among other resources.