

ST Math

Concept Based Visual Instruction

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Introduction

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Our experience with ST Math

4th year using this program. Most students love it.

We “geek out” on the way ST Math shows concepts often.

- Grade level K-6
- MS level and intervention
- HS intervention
- Fluency add on optional

ST Math Introduction Video



Step 1 Uncover Thinking

- ✓ What have you tried?
- ✓ What happened then?
- ✓ Why did you _____?



Step 2 Examine Animation

- ✓ What is happening in the animation?
- ✓ What did you notice? What else?
- ✓ When you clicked ____, what happened?



Step 3 Apply Hypothesis

- ✓ What do you think will happen?
- ✓ How will this work on this problem?
- ✓ What steps will you take?
- ✓ How did you decide that was correct?



Facilitating Questions

- What does JiJi need to do?
- How might you begin?
- What do you need to do next?
- Why did that happen?
- How can you help JiJi?
- How did the earlier problems/levels work?
- Is this like _____ that you did earlier? How is it the same? How is it different?
- How did you get that answer?
- What did you see that showed you the answer was wrong?
- What will happen if you click on _____?
- What have you tried? What happened?
- What do you notice? What else do you notice?
- What did you try that did not work? Why did it not work?
- Please explain it in a different way.
- Show me how this will work on the next problem.
- What do you already know about?
- Why did you ____?

ST Philosophy

“Ask, don’t tell”

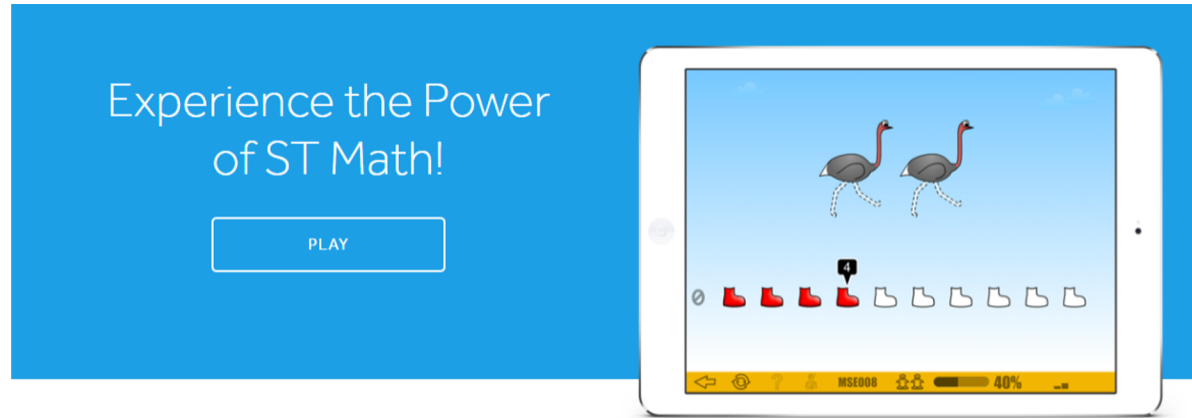
Play a variety of games

Explore different levels

How would you use in
your classroom?

Go to stmath.com then go to the bottom of the page

Click **PLAY**



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ST Math Discussion

What did you notice about the games?

How do you see yourself using ST Math in your classroom?

ST Math has changed how we as math teachers see and explain math concepts

Math Chat (Exciting new feature, currently in beta format)

- Good way to do a whole group or small group lesson
- Introduce new topic or review past topics
- 15 - 30 minute mini lessons
- Discussion questions provided
- Can search by topic or grade (Currently have 3rd-5th grade)
- Critical ideas of math - standards aligned
- Easy to access (this feature not on iPad yet) **Use Google Chrome
- **Math Chat Demo**

Questions???

Additional Information (As Time Allows)

Pricing Information - [request a demo](#)

ST Math Central - [need an account to access](#)

Teacher's Account

Play ST Math

[Link to this presentation \(final version\)](#)