FOUR STRATEGIES TO HELP STUDENTS START MATH PROBLEMS & STICK WITH THEM

By Kyle Pearce & Jon Orr

Hi there, we're looking forward to connecting with you!

This webinar will give you **4 STRATEGIES TO HELP STUDENTS START MATH PROBLEMS & STICK WITH THEM**.

By implementing these strategies in your classroom you'll be able to:

- Structure your lessons so that students will dive right into the problem solving process without relying on you every step of the way;
- Help your students build confidence and resilience so they develop a productive disposition towards mathematics;
- Ensure students are building a conceptual understanding in order to build procedural fluency over time; and,
- Use the teacher moves necessary to promote student thinking and independence.

To get the *most* from this webinar, here are three helpful suggestions:

SHOW UP LIVE

If you make the time to show up live, you'll get more from the webinar experience and gain the confidence to put these strategies into action and transform your students into resilient problem solvers. Plus we're going to have a lot of fun together, so mark your calendar now!

PRINT THIS WORKBOOK

Print this workbook in advance and use it during our time together to stay fully engaged and take notes on the actions you want to implement quickly.
We've specifically given you just a few hints throughout this workbook as to what we'll be covering. Once we're on the live webinar together, you'll be able to fill in the blanks as well as answer the questions, No need to fill in the blanks now - I'll walk you through all the details soon!

JOT DOWN YOUR QUESTIONS

To get things started a little early, what questions would you like us to answer? (Since we'll be together in real-time, We'll be answering a BUNCH of strategy related questions at the end.)
Think of your questions in advance and write it down!

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RESILIENT PROBLEM SOLVING **STRATEGY #1**

Avoid rushing to the _____

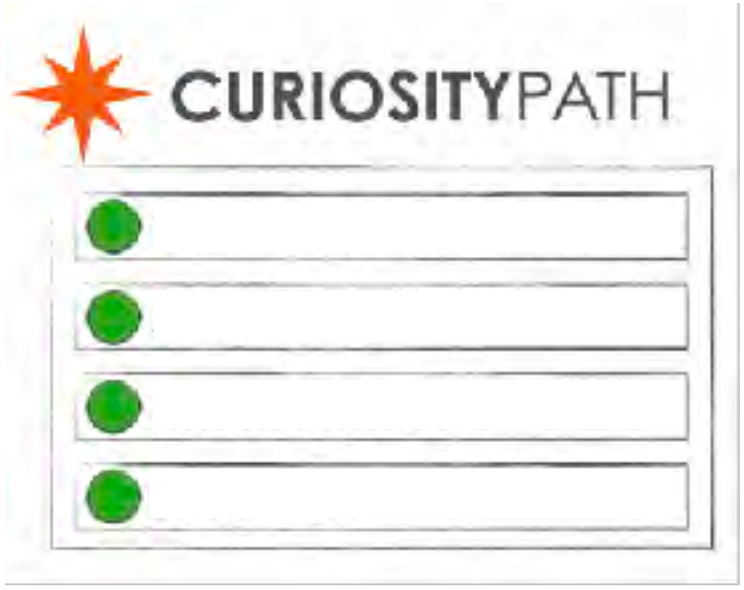
STOP _____ &

START _____

Ideas, insights, notes:

RESILIENT PROBLEM SOLVING **STRATEGY #2**

Give your students an _____



Fill out the curiosity path

Ideas, insights, notes:

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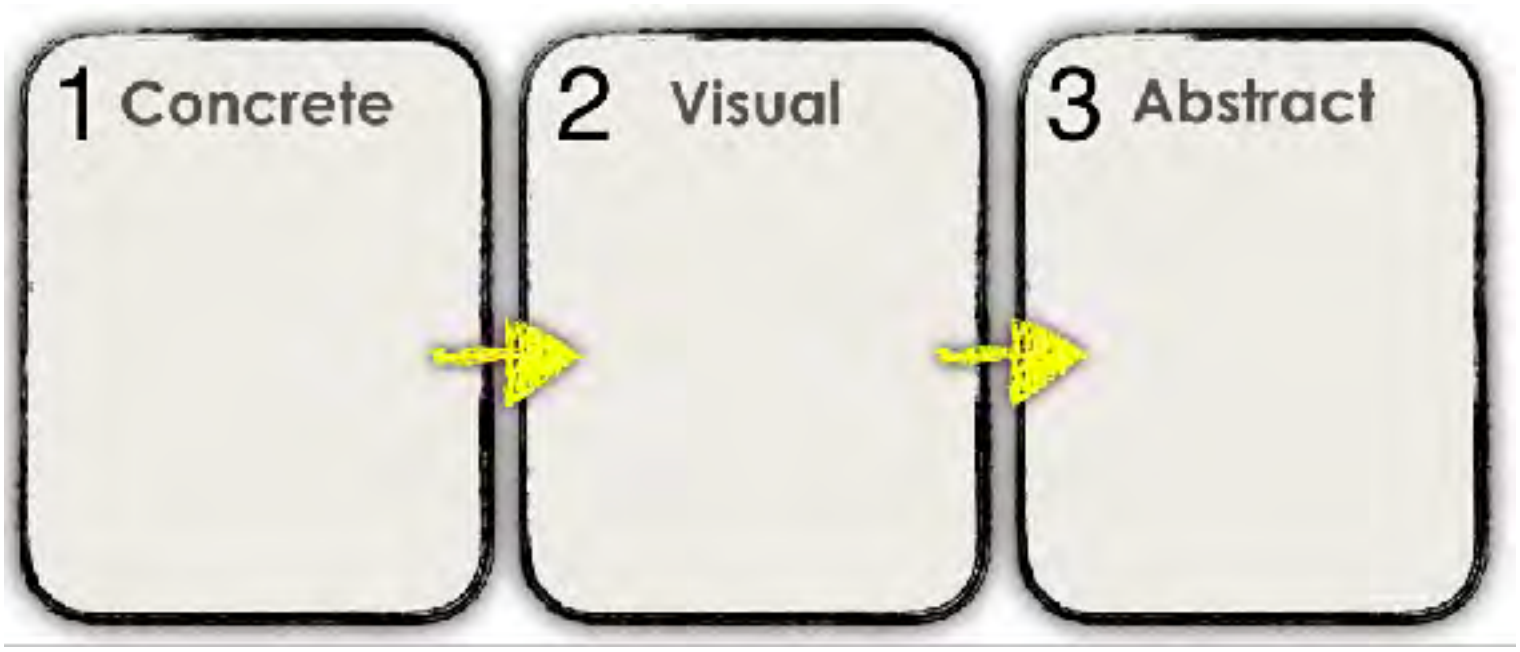
What's one topic coming up that you can can apply the curiosity path to in order to help students START problems?

RESILIENT PROBLEM SOLVING **STRATEGY #3**

Be more _____

If students are to STICK with problems the will need _____

Let's make use of the **concreteness fading model** to help students STICK with problems and not give up.



Sketch the progression of math skill starting from a concrete representation and moving towards an abstract representation.

Ideas, insights, notes:

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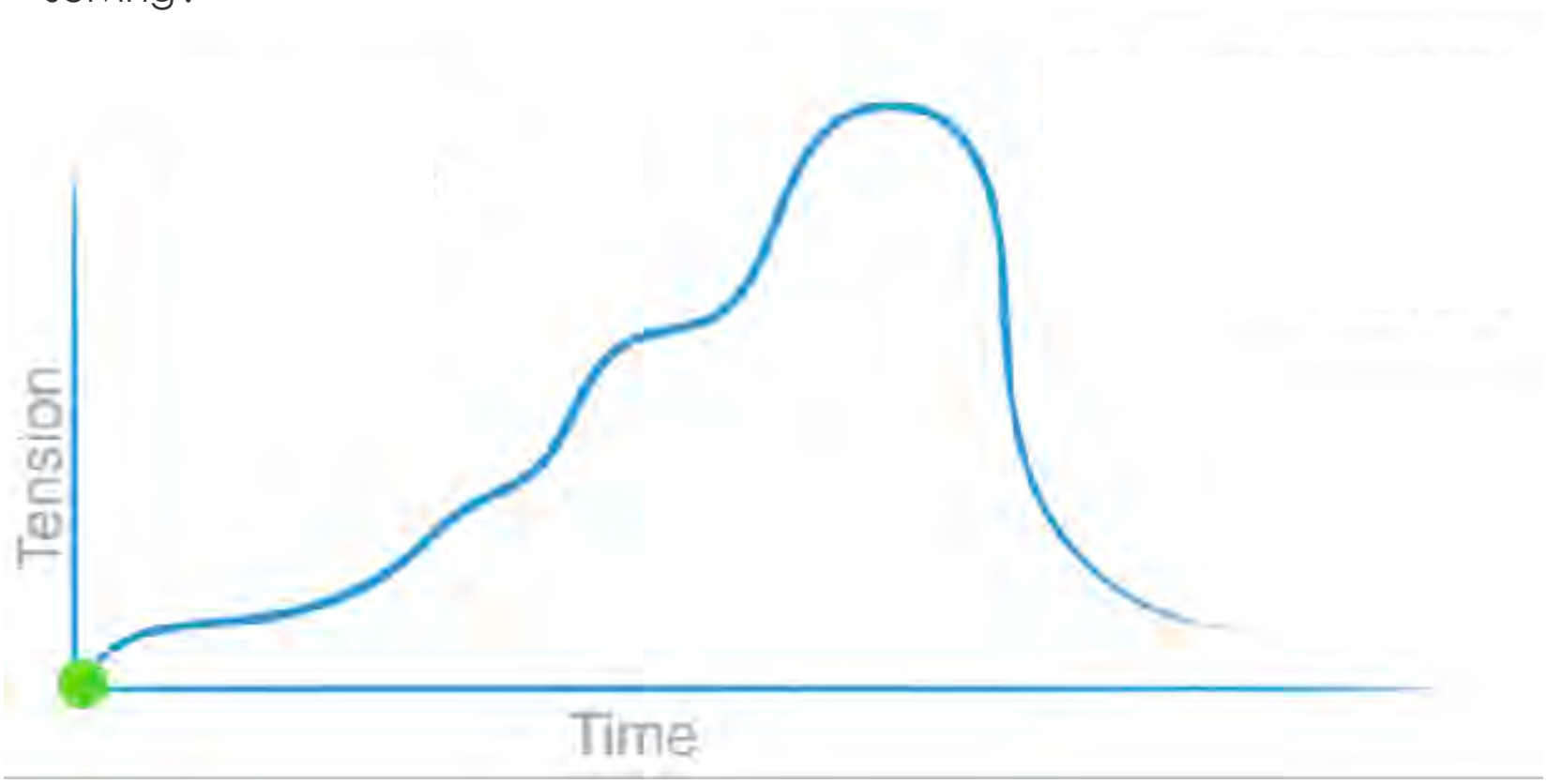
Which **mathematical model with "Legs" or Power Tool** will you try to bring into your classroom more this year?

RESILIENT PROBLEM SOLVING **STRATEGY #4**

Be the _____, NOT the _____

How can you use this curve to aid students ability to persevere through problem solving?



Ideas, insights, notes:

SUMMARY: What is your biggest learning takeaway from this webinar?

NEXT STEPS: **What will you START tomorrow? What will you STOP tomorrow?**

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