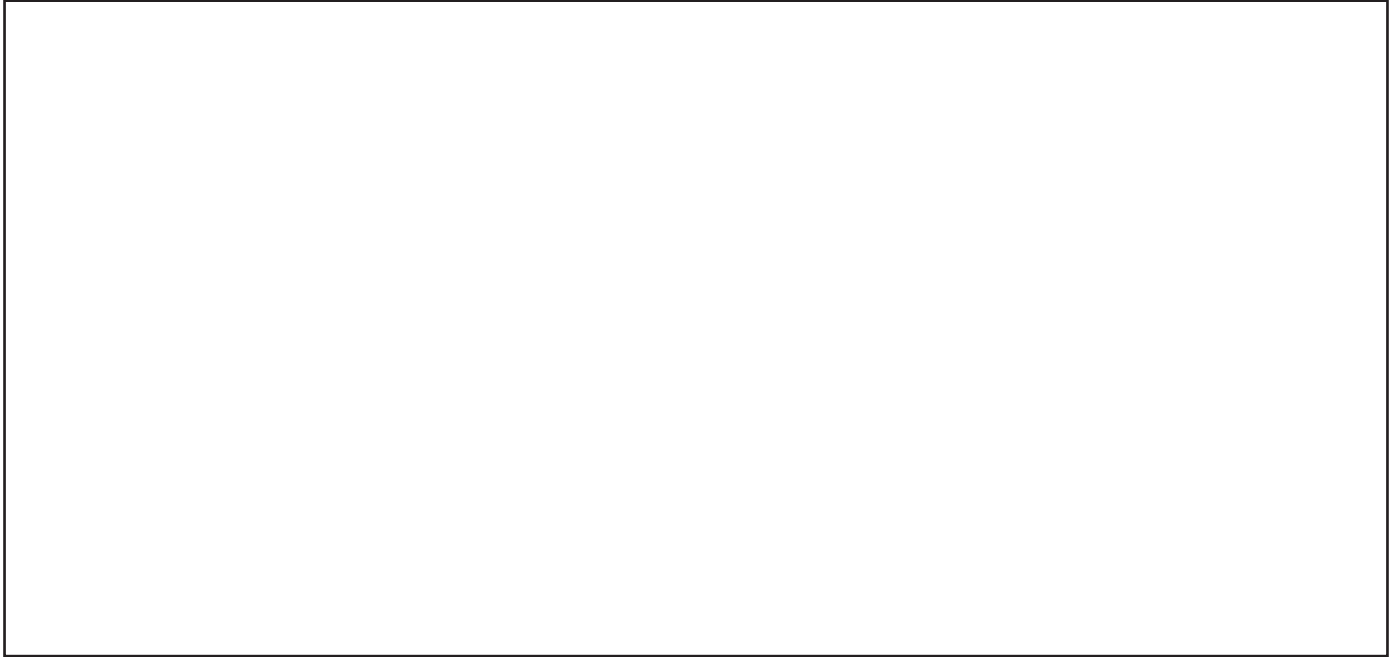# Five Best Practices for Math Instruction

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Mathematical Trajectories
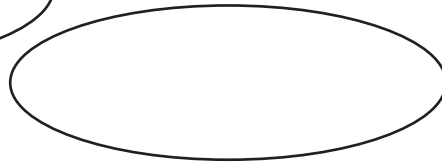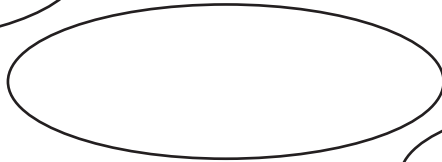
Critical Content

$\longleftrightarrow$

$\longleftrightarrow$

$\longleftrightarrow$

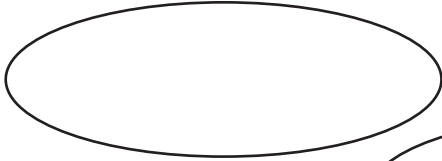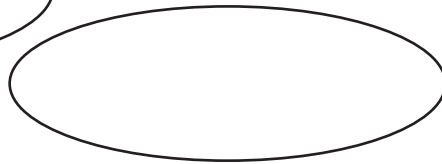MATH

Instructional Platform
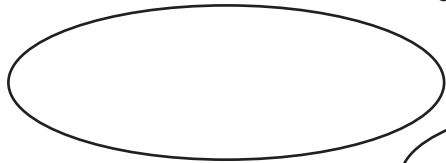
Instructional Delivery

Instructional Strategies

Explicit Instruction

Research and Information

What are your strengths?

What are your opportunities for growth?

What are your immediate next steps?

Explicit Instruction

MODELING

PRACTICE

SUPPORTS

MATH

Explicit Instruction

Problem	Step-by-Step Explanation

MATH

Explicit Instruction

Problem

Practice Opportunities

High-Level Questions

Low-Level Questions

Affirmative Feedback

Corrective Feedback

MATH

Math Vocabulary

Research and Information

Use Formal Mathematics Language

Instead of that...	Say this...

MATH

Math Vocabulary

Use Terms With Precision

Strategies for Teaching Mathematics Language

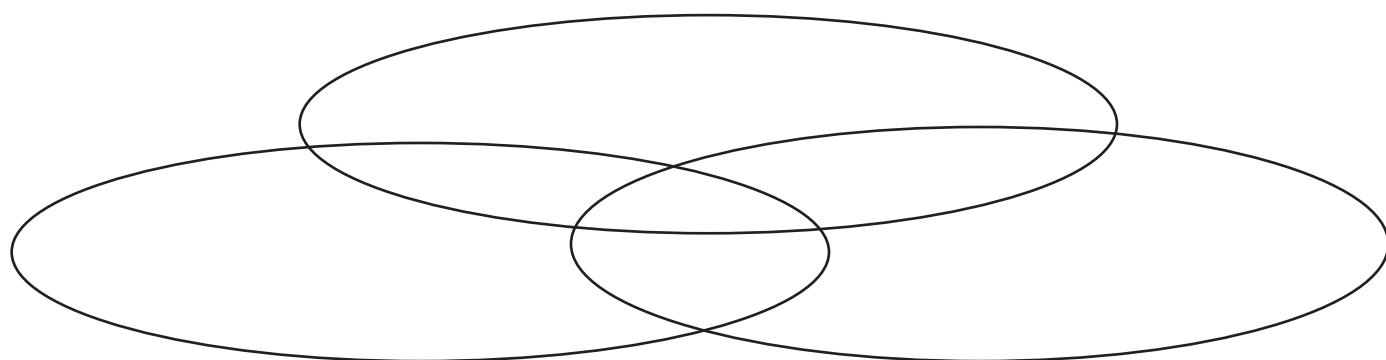What are your strengths?

What are your opportunities for growth?

What are your immediate next steps?

MATH

Representations

MATH

Representations

What are your strengths?

What are your opportunities for growth?

What are your immediate next steps?

Fluency

Research and Information

Types of Fluency

Type	Memorization?	
	Yes	No

Fluency with Facts

Addition

Subtraction

Multiplication

Division

Fluency with Computation

Addition

Subtraction

Multiplication

Division

Fluency

Strategies for Building Fluency

What are your strengths?

What are your opportunities for growth?

What are your immediate next steps?

Word Problems

Research and Information

Word Problems

What are your strengths?

What are your opportunities for growth?

What are your immediate next steps?