

Power and Versatility of Cuisenaire® Rods: 3-5 *



Workshop Notebook

The name Cuisenaire Rods and the color sequence of the rods are registered trademarks of hand2mind, inc.

Welcome to the Power and Versatility of Cuisenaire Rods 3-5 Workshop!

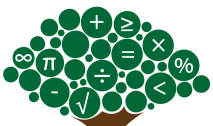


I am so excited you are here! In this workshop, we are going to explore foundational grades 3-5 math concepts and how we can explore them using Cuisenaire Rods to make the number relationships visible for our students. They will be developing number sense as they develop procedural fluency through conceptual understanding. Cuisenaire Rods will be the key to unlock positive math journeys for all your students!

This notebook will help you:

- record and organize your biggest takeaways
- provide you time for reflection
- easily keep track of your action steps

Let's get started!



Ann Elise Record
CONSULTING LLC

www.anneliserecord.com

Foundations of Elementary Mathematics

What are the three foundational areas of mathematics?

Based on Van De Walle's research, what are the 8 elements to build number sense?

1. _____

5. _____

2. _____

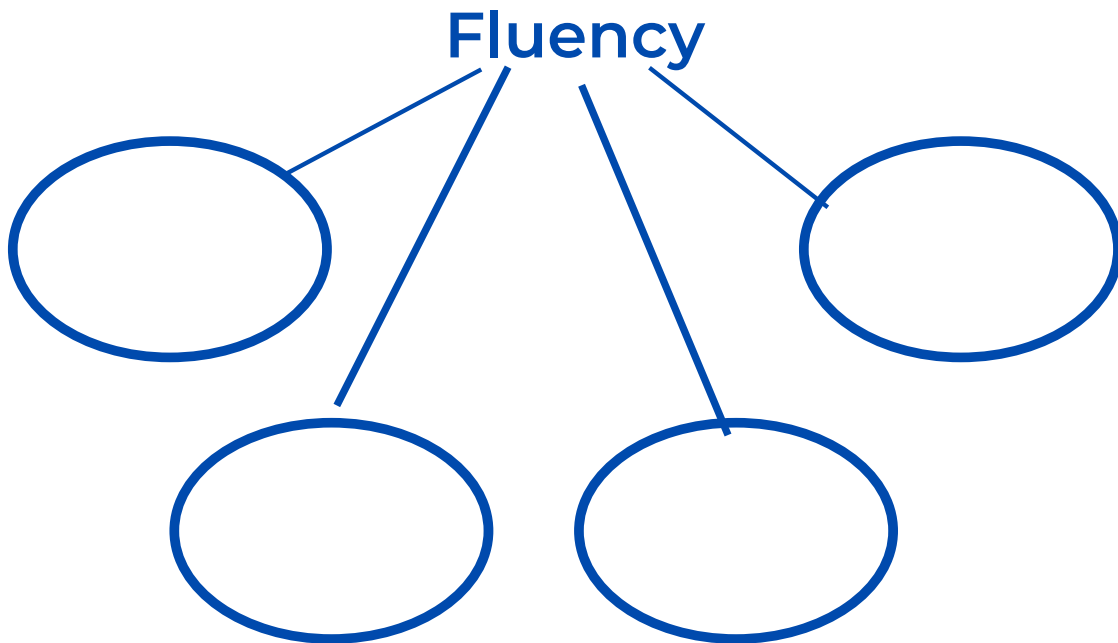
6. _____

3. _____

7. _____

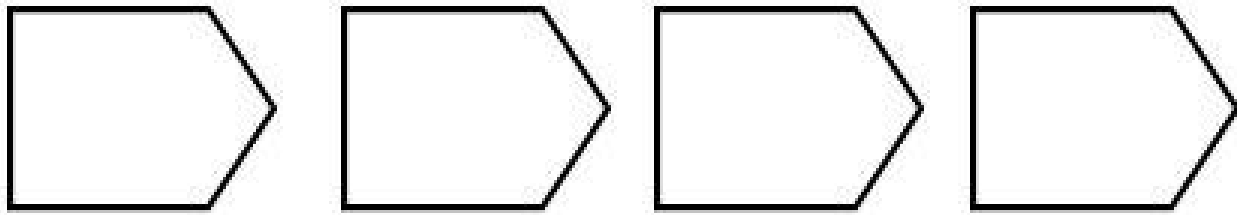
4. _____

8. _____



Foundations of Elementary Mathematics

Based on Carpenter's research, what are the developmental stages on the way to fluency mastery?



Problem Solving

What are the 3 basic problem types that involve multiplication or division?

A large empty rounded rectangular box with a blue border, intended for writing an answer.A large empty rounded rectangular box with a blue border, intended for writing an answer.A large empty rounded rectangular box with a blue border, intended for writing an answer.

Introduction to Cuisenaire Rods



Label these rods with the letter code and the whole number if the white cube represents 1.

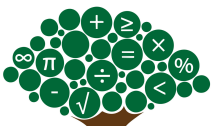
What is very first thing you should allow students to do when the are given some Cuisenaire Rods?



3rd grade Concepts

Fluency

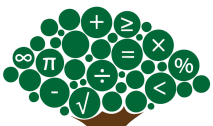
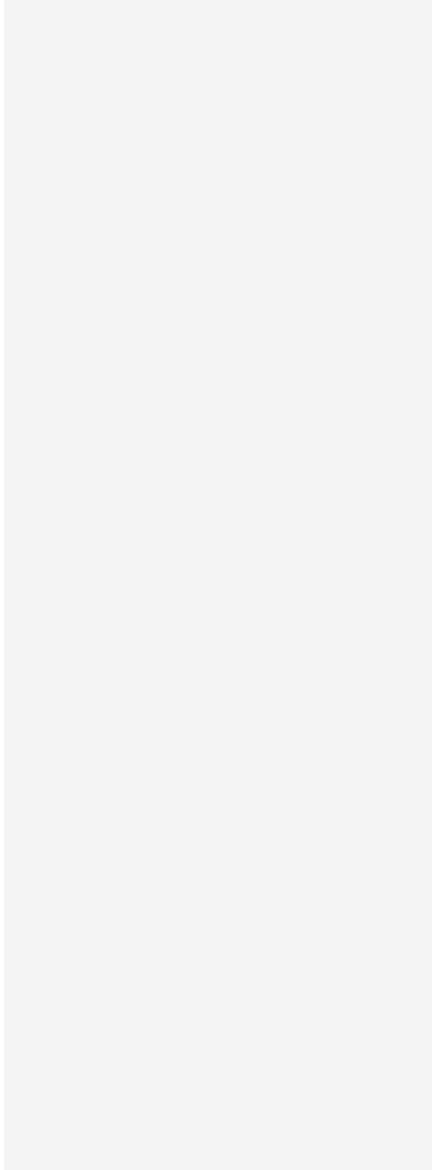
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3rd grade Concepts

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Problem Solving

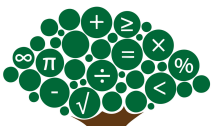


3rd Grade Concepts

Content Standards

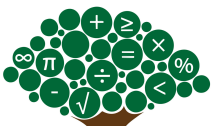
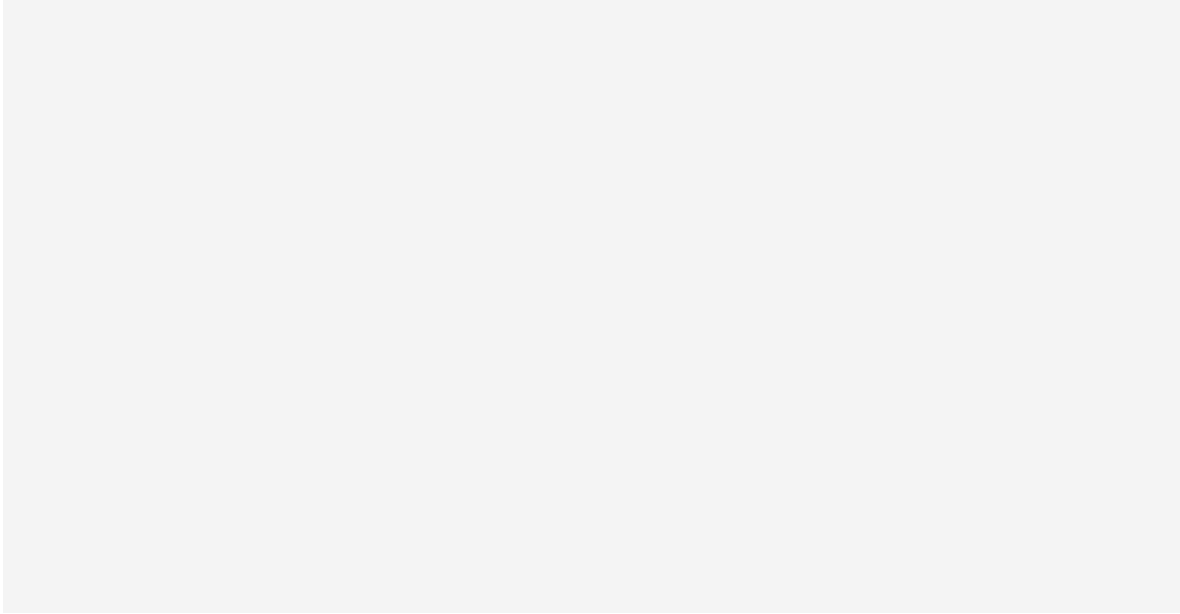
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3rd Grade Concepts

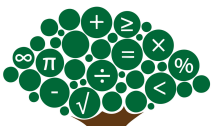

Action Items!



4th Grade Concepts

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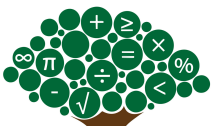
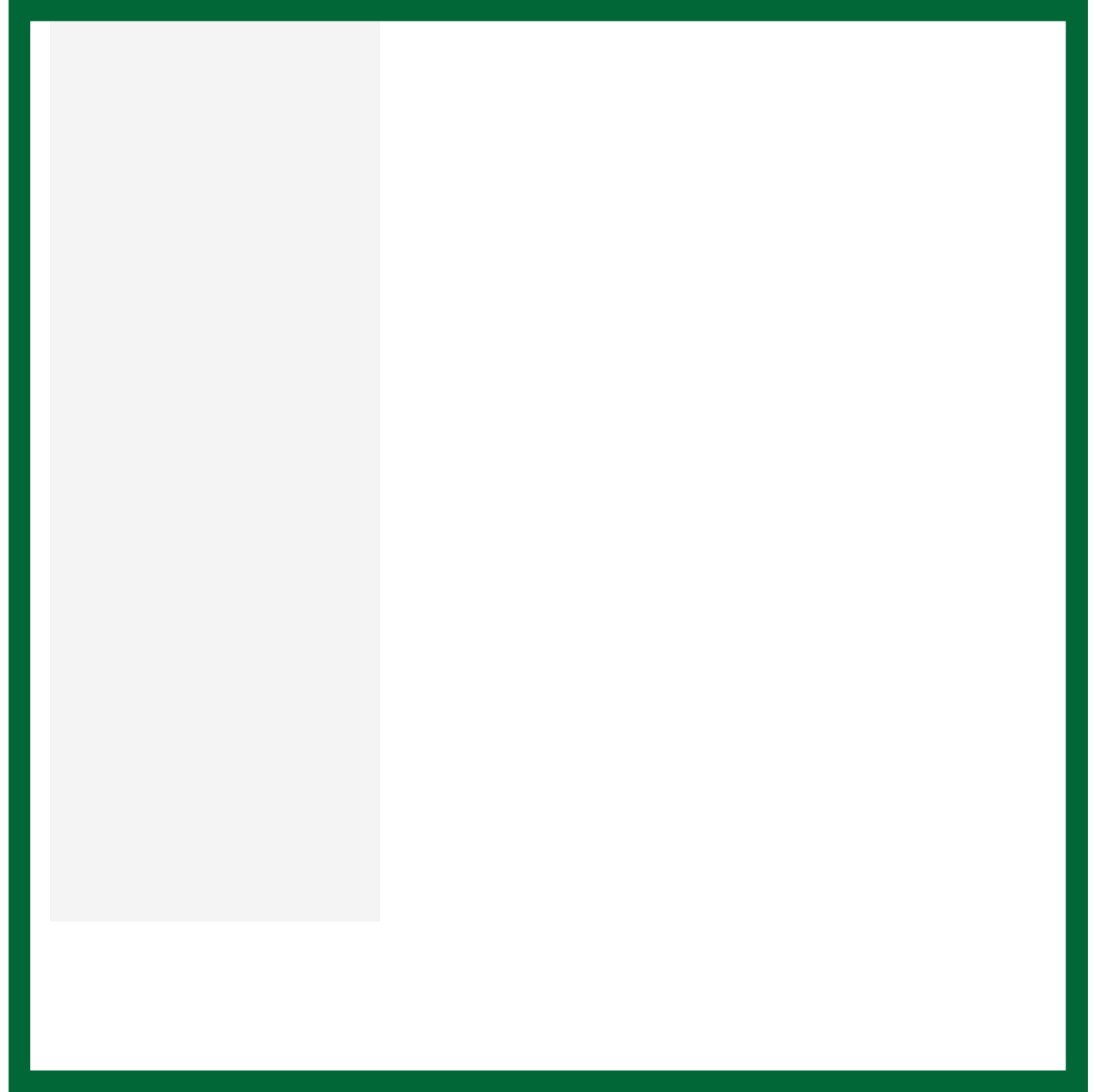
Fluency



4th Grade Concepts

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Problem Solving



4th Grade Concepts

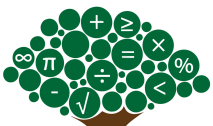
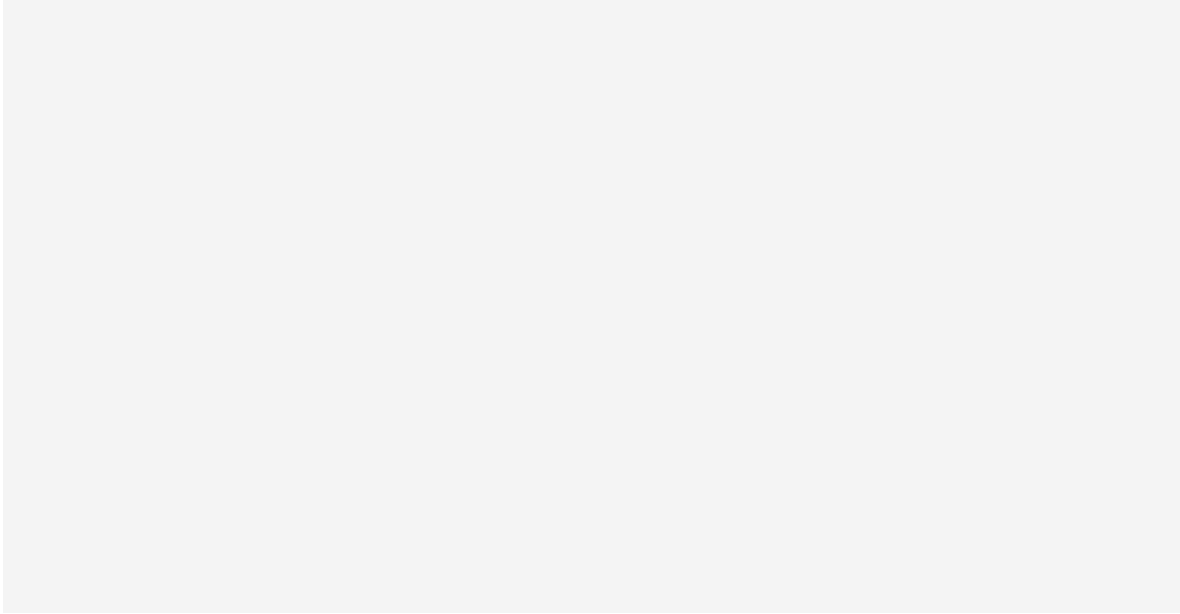
Content Standards

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4th Grade Concepts

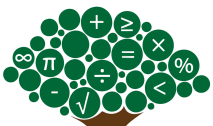
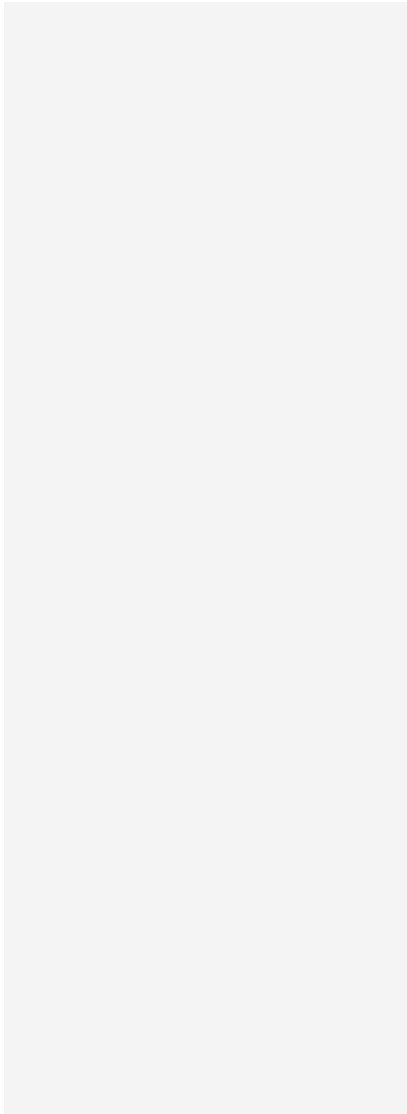
Action Items!



5th Grade Concepts

Fluency

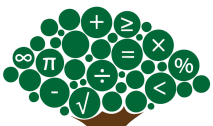
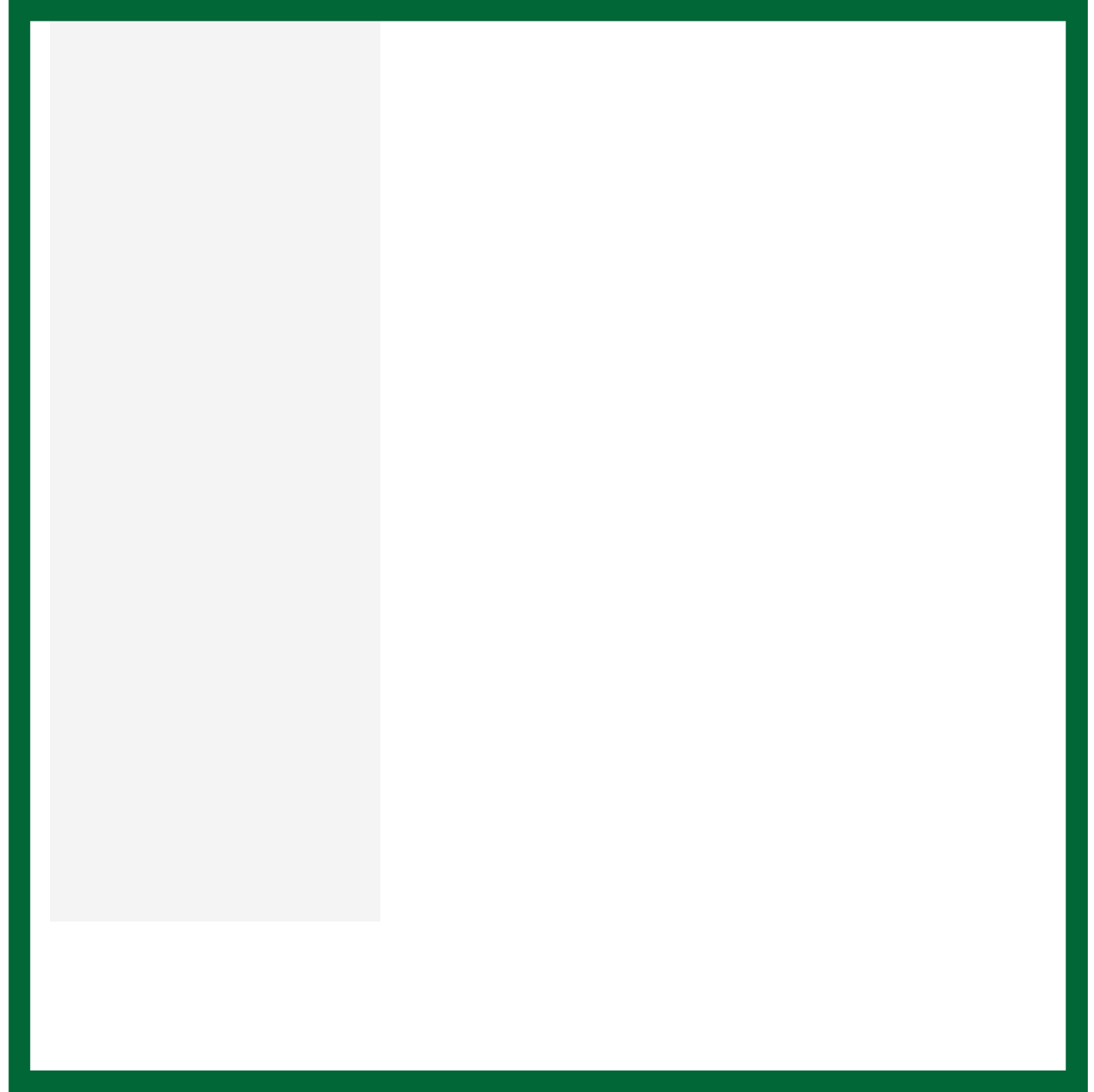
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5th Grade Concepts

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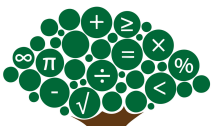
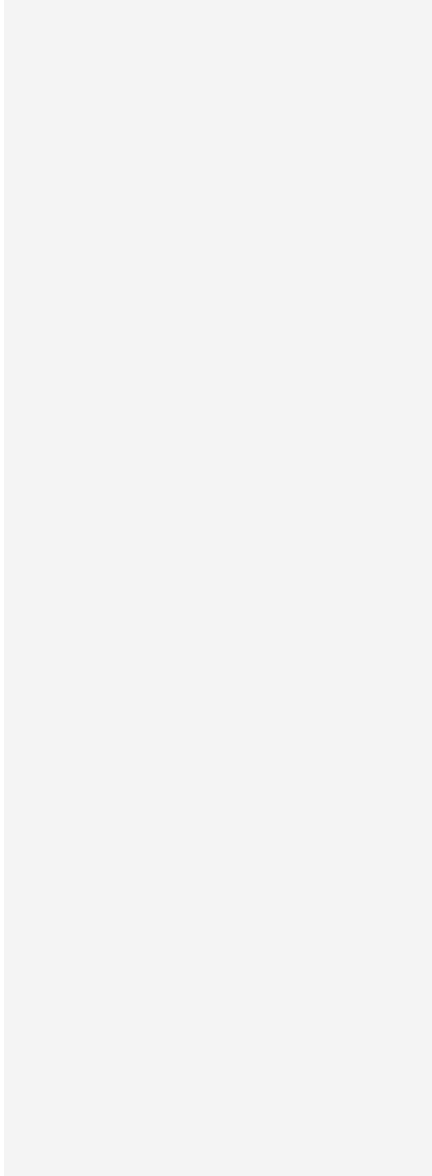
Problem Solving



5th Grade Concepts

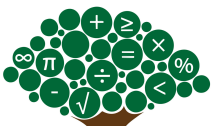
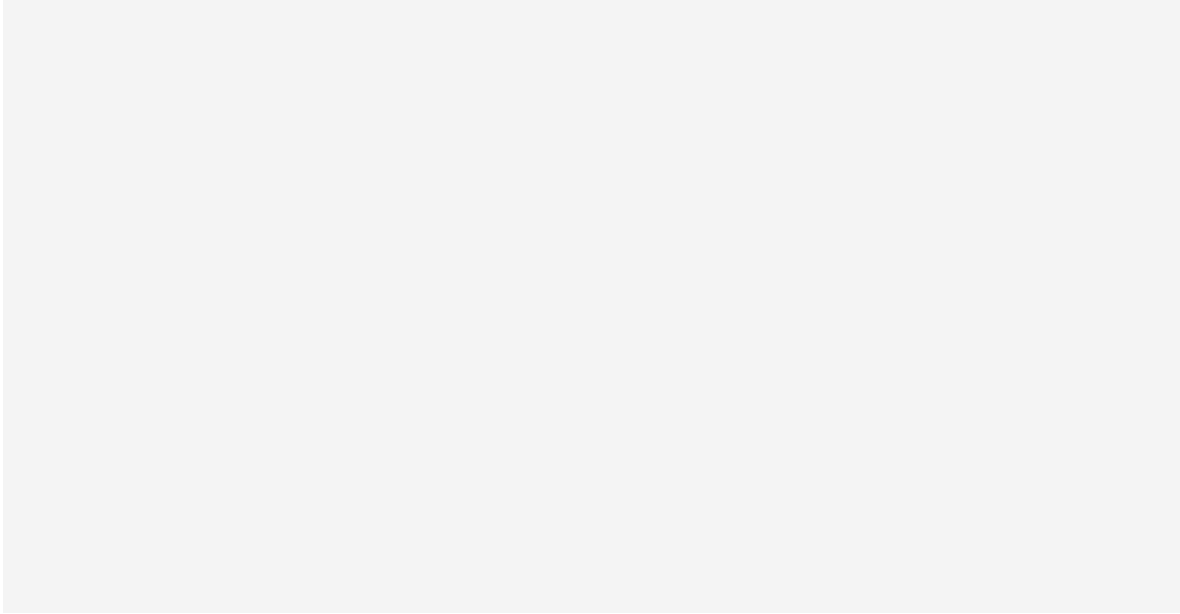
Content Standards

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5th Grade Concepts

Action Items!



Keep in Touch!



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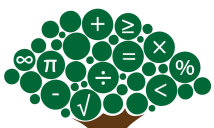
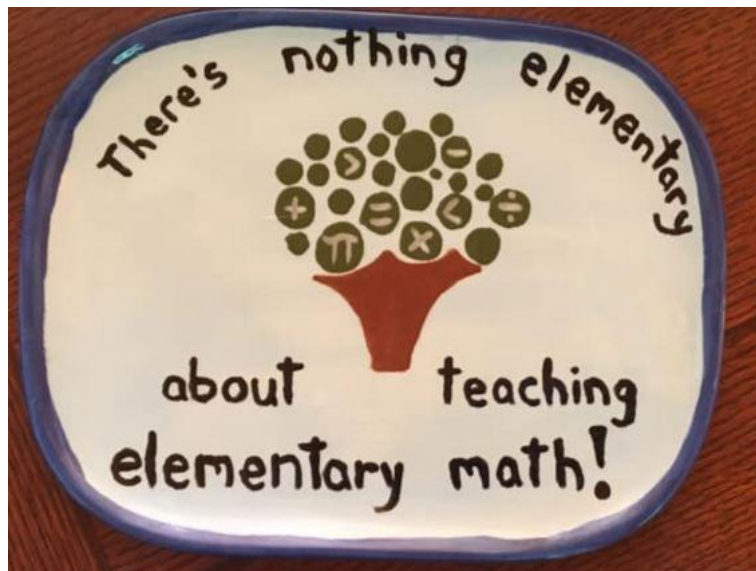
Facebook groups: Elementary Math with Ann Elise
and facilitator of Math Running Records and Build Math Minds



Twitter: @AnnEliseRecord



Instagram: [ann.e.record](https://www.instagram.com/ann.e.record)



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