

# Power and Versatility of Cuisenaire (R) Rods: K-2 \*



## *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 K-2 Workshop!

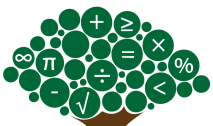


I am so excited you are here! In this workshop, we are going to explore foundational math concepts and how we can explore them using Cuisenaire Rods to make the number relationships visible for our students. They will be developing number sense as they develop procedural fluency through conceptual understanding. 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](http://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. \_\_\_\_\_

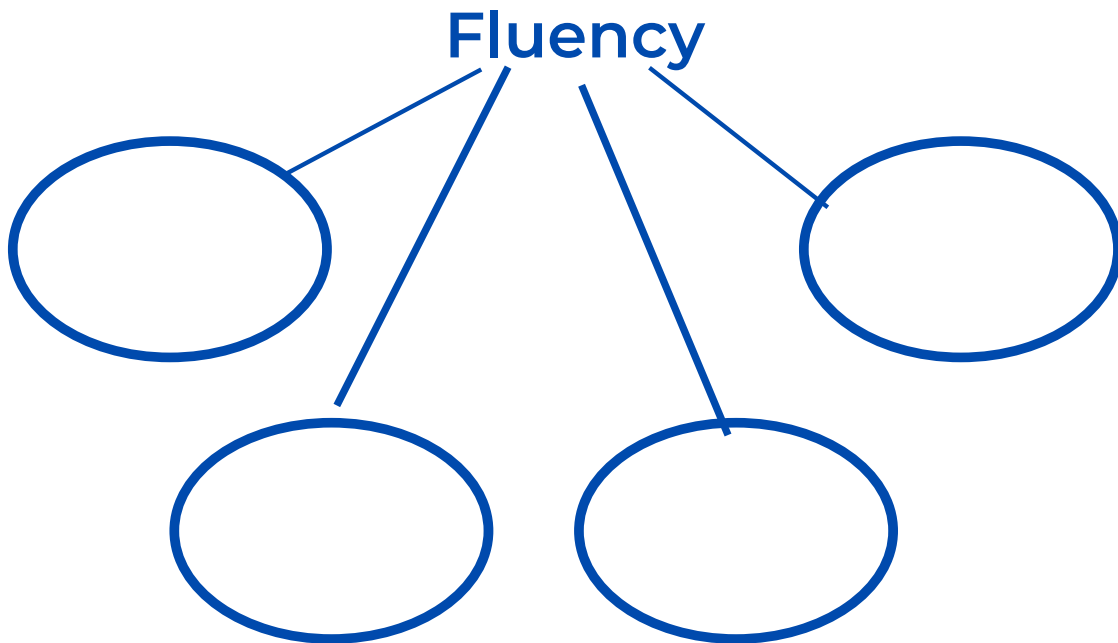
6. \_\_\_\_\_

3. \_\_\_\_\_

7. \_\_\_\_\_

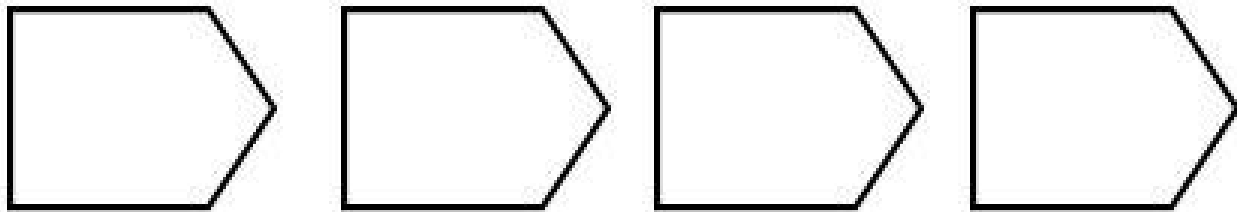
4. \_\_\_\_\_

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 4 basic problem types that involve addition or subtraction?

|  |  |
|--|--|
|  |  |
|  |  |



# 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?



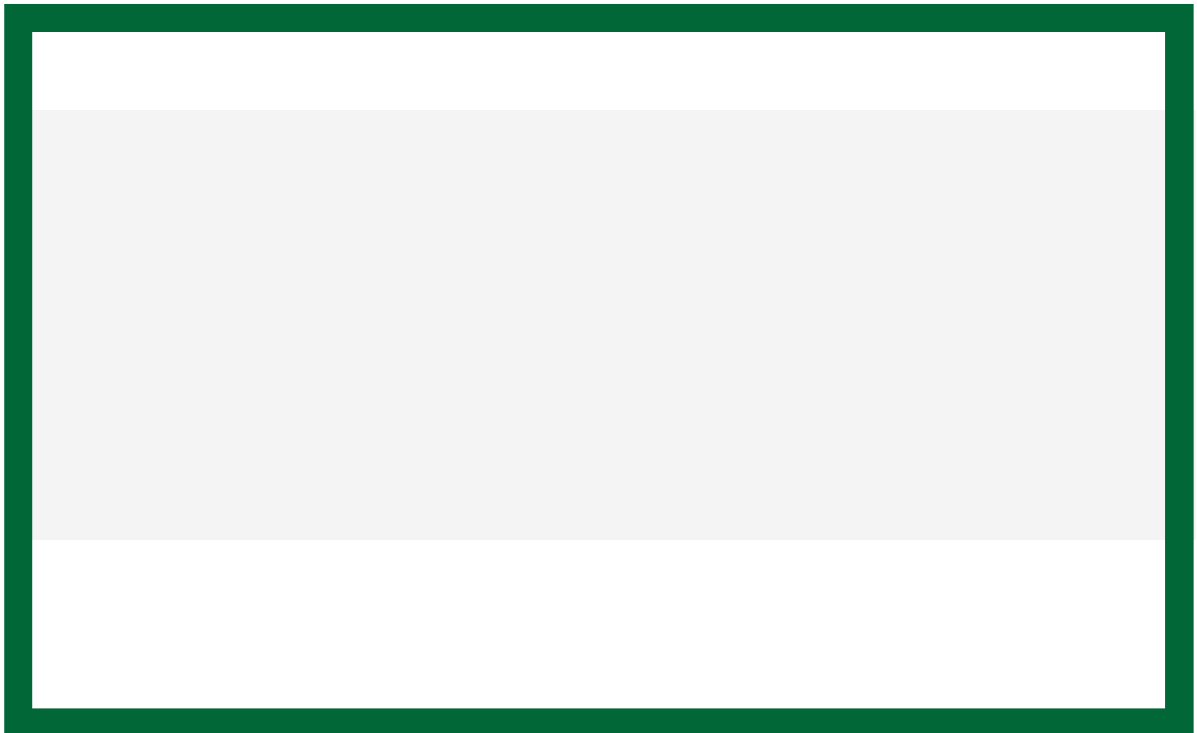
# Kindergarten Concepts

## NOTES

Fluency



Problem Solving



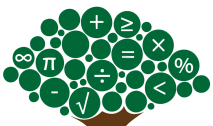
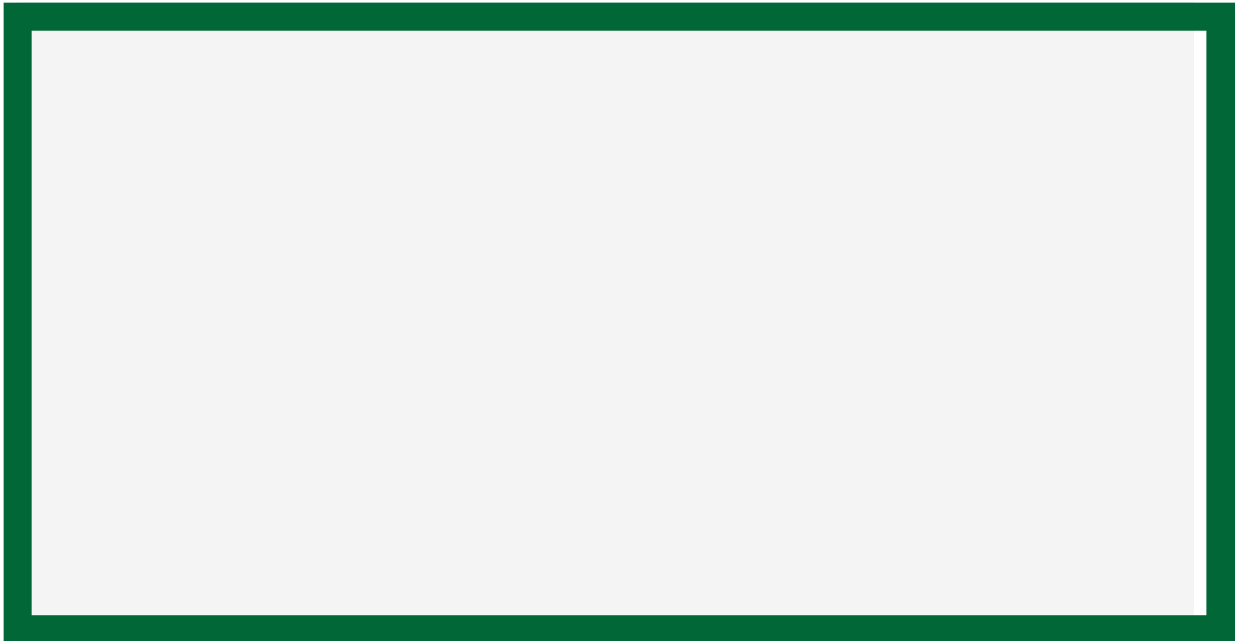
# Kindergarten Concepts

## NOTES

Content Standards



Action Items!



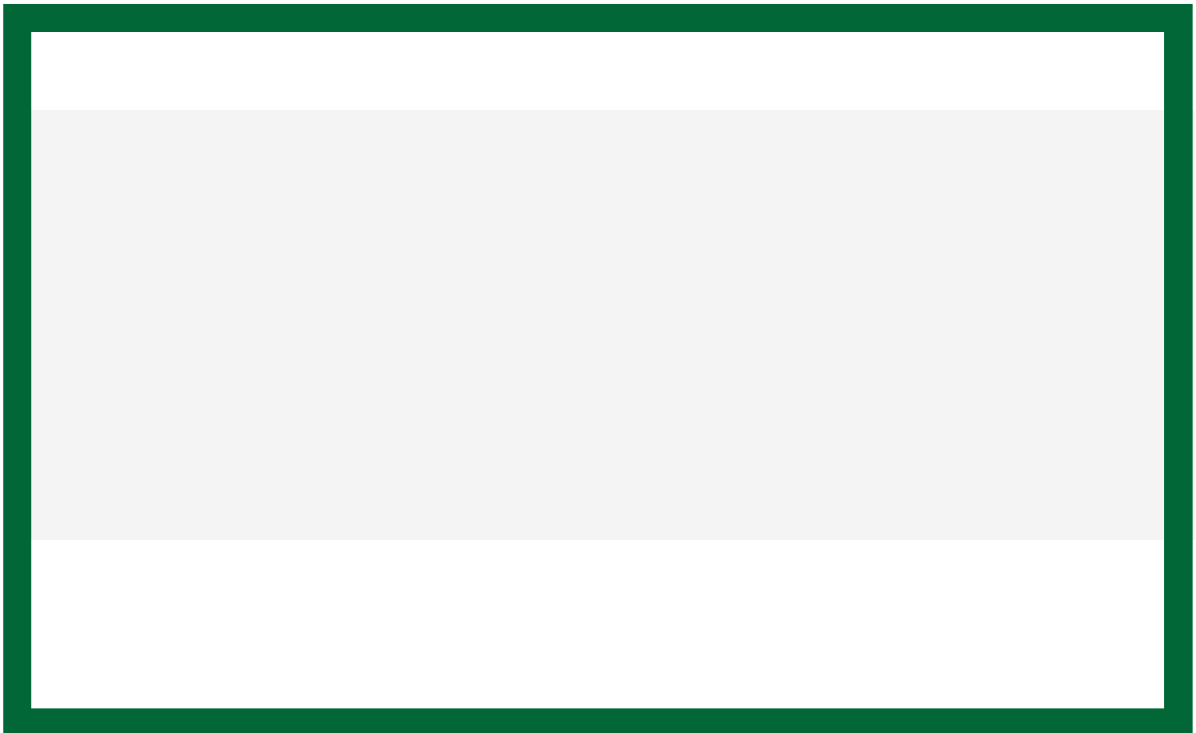
# 1st Grade Concepts

## NOTES

Fluency



Problem Solving





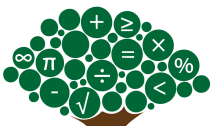
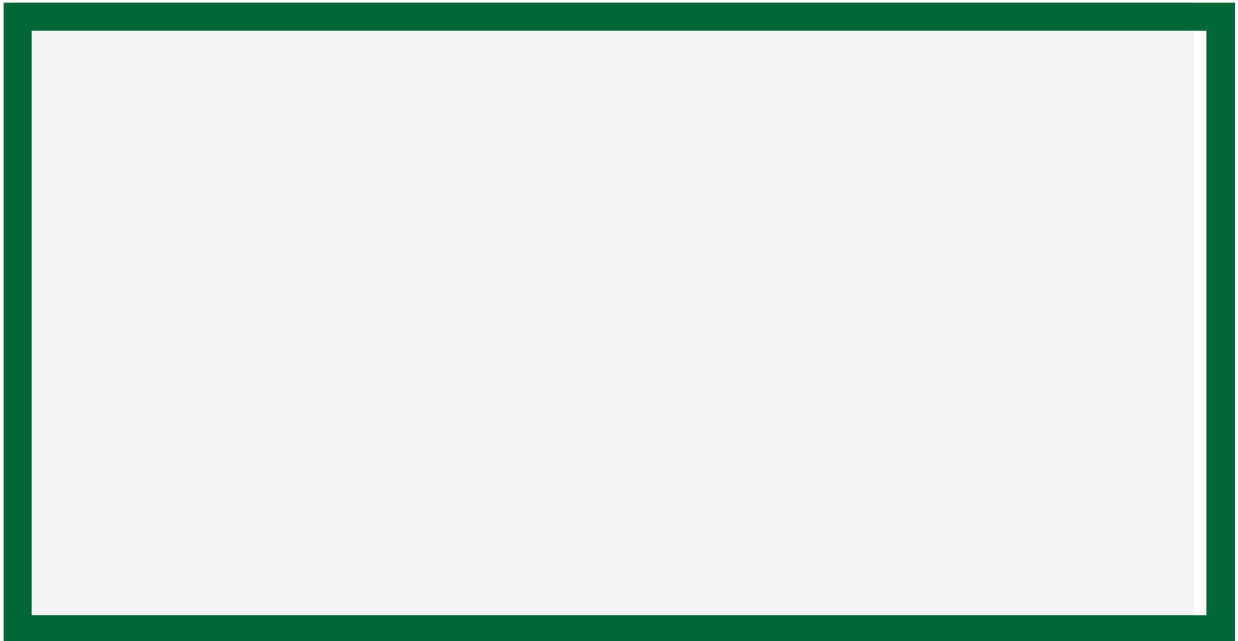
# 1st Grade Concepts

## NOTES

Content Standards



Action Items!



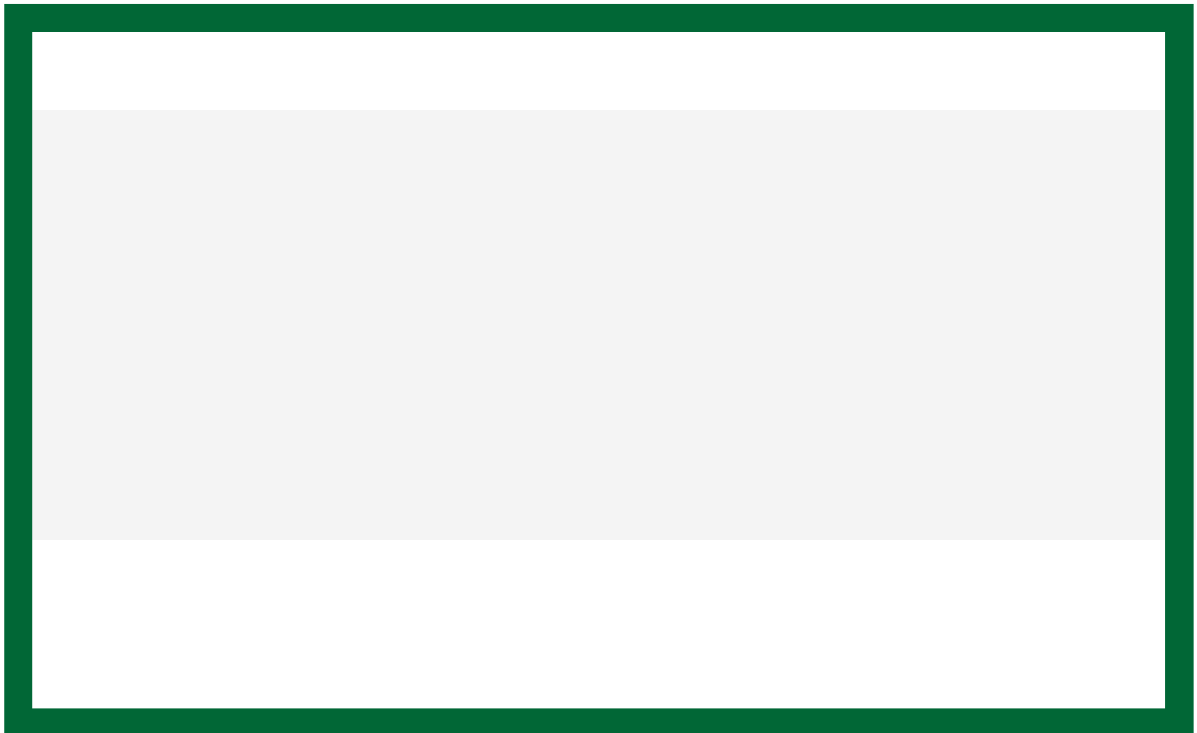
# 2nd Grade Concepts

## NOTES

Fluency



Problem Solving



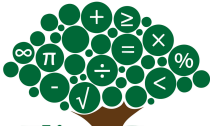
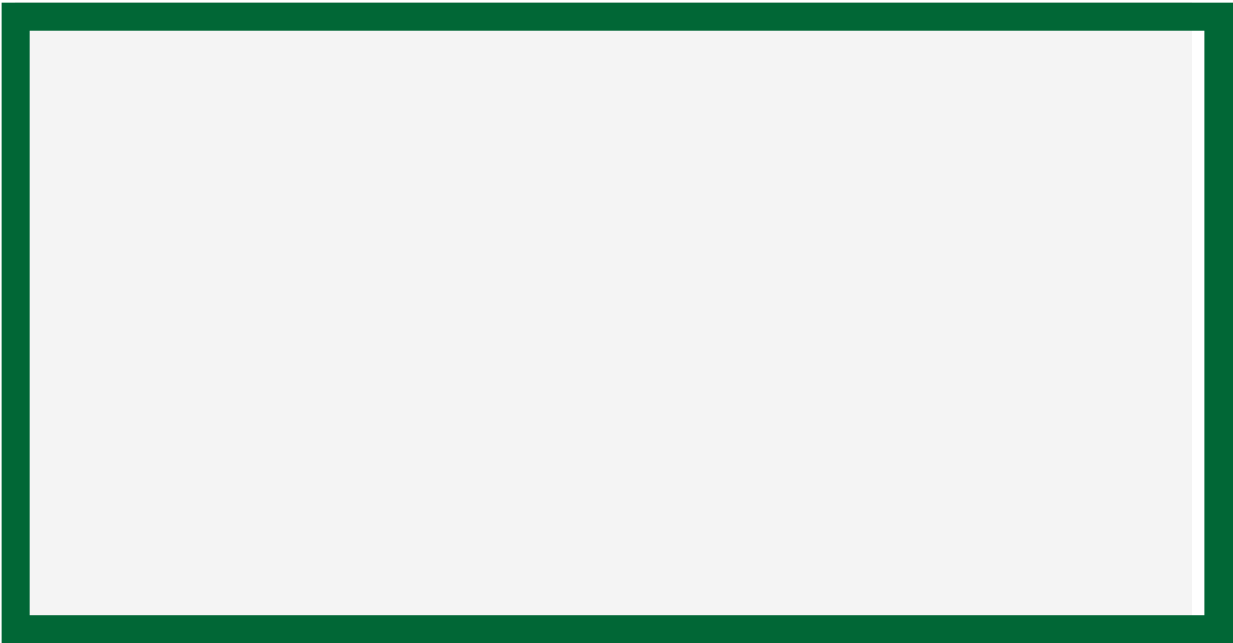
# 2nd Grade Concepts

# NOTES

Content Standards



Action Items!



## Keep in Touch!



Ann Elise Record, M.Ed., NH Math Specialist

[anneliserecord.com](http://anneliserecord.com)

Email: [aer@anneliserecord.com](mailto:aer@anneliserecord.com)



Facebook: Ann Elise Record (w/ this logo)



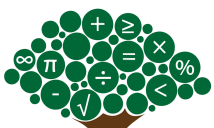
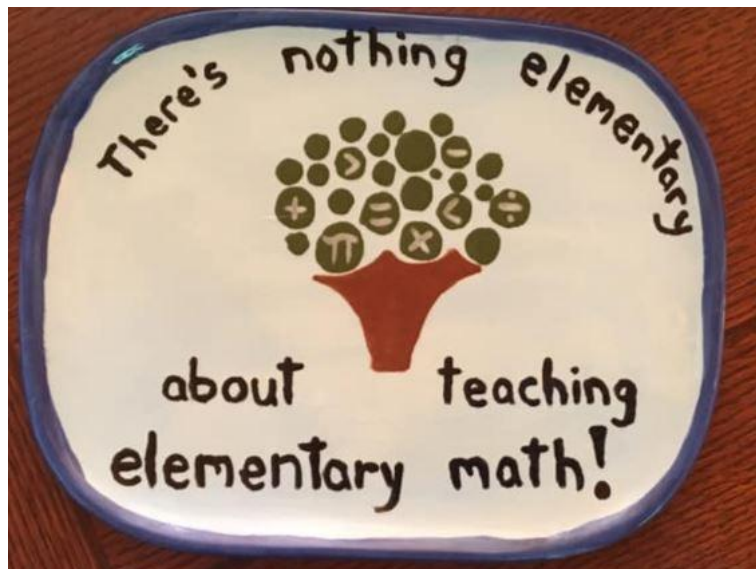
Facebook groups: Elementary Math with Ann Elise  
and facilitator of Math Running Records and Build Math Minds



Twitter: @AnnEliseRecord



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



Ann Elise Record  
CONSULTING LLC

[www.anneliserecord.com](http://www.anneliserecord.com)