Welcome to
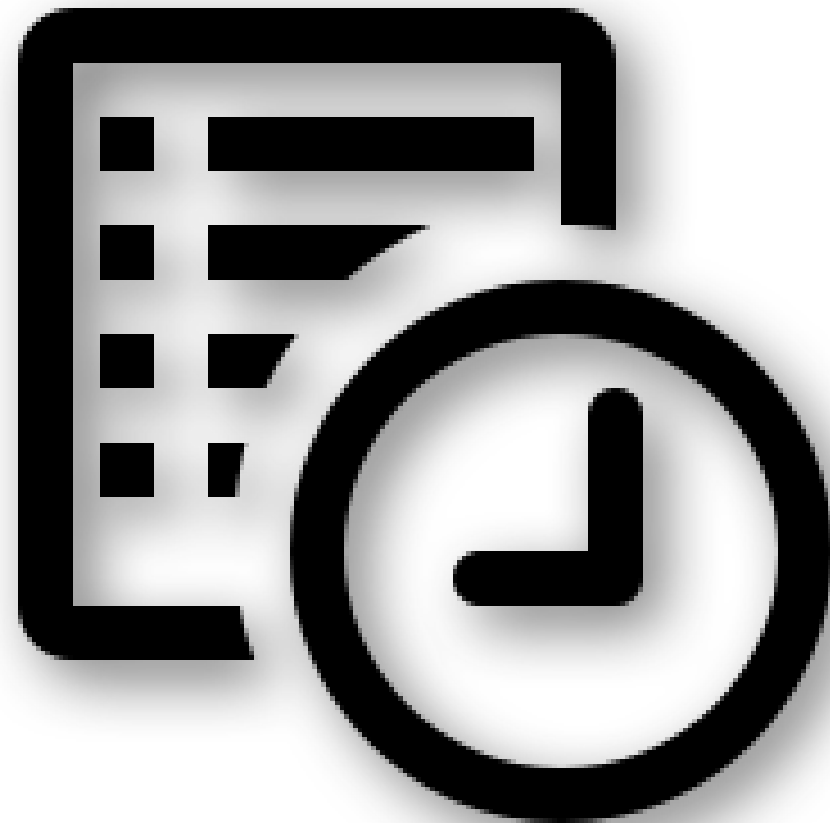# Math at SES

- *Stricker Elementary School*
- *February 12, 2019*
- *Heather Reed (5th)*
- *Keri Coats (5th)*
- *Daniel Zunino (4th)*

KIMBERLY SCHOOL DISTRICT

EUREKA MATH™ from

GREAT MINDS

Math Presentation Agenda

- Eureka Math Introduction
- Math activities

What is *Eureka Math*?

EUREKA
MATH™

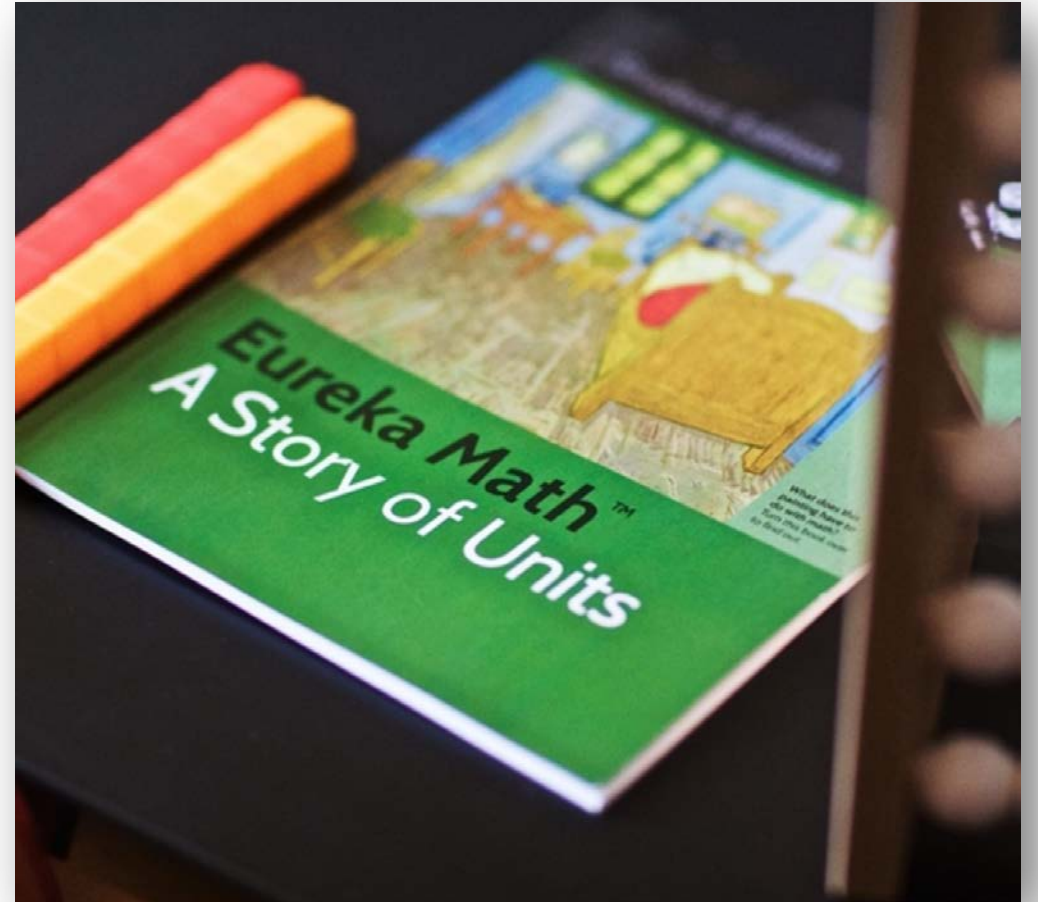# *Eureka Math* is...

Aligned
- To standards

Coherent
- A story that builds

Comprehensive
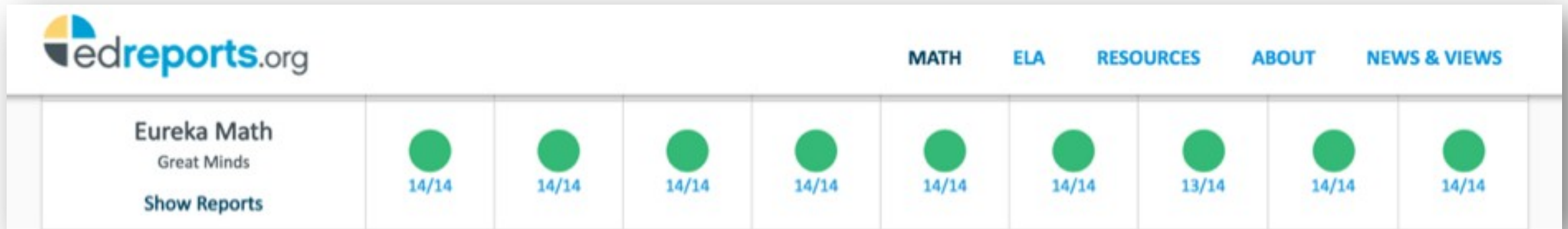- Print, digital & support

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What are the Idaho Core State Standards?

- The Idaho Core State Standards provide a consistent, clear understanding of what students are expected to learn

- The standards are designed to be robust and relevant to the real world, reflecting the knowledge and skills that our young people need for success in college and careers

- With American students fully prepared for the future, our communities will be best positioned to compete successfully in the global economy
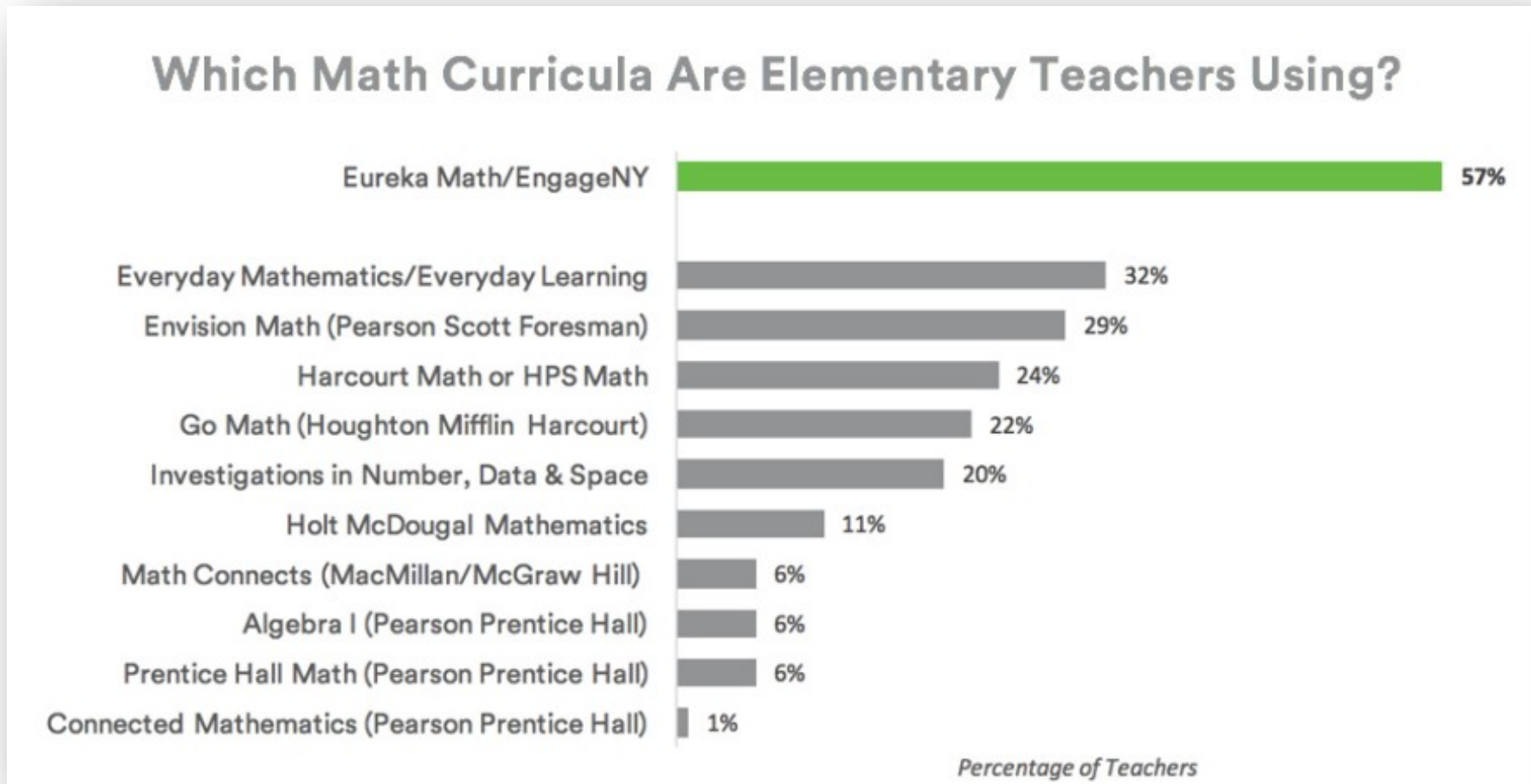
- Eureka Math is Idaho Core aligned

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Eureka Math **is aligned**

- Highest rating of all K–8 curricula evaluated

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Eureka Math Usage

Which Math Curricula Are Elementary Teachers Using?

Curriculum	Percentage
Eureka Math/EngageNY	57%
Everyday Mathematics/Everyday Learning	32%
Envision Math (Pearson Scott Foresman)	29%
Harcourt Math or HPS Math	24%
Go Math (Houghton Mifflin Harcourt)	22%
Investigations in Number, Data & Space	20%
Holt McDougal Mathematics	11%
Math Connects (MacMillan/McGraw Hill)	6%
Algebra I (Pearson Prentice Hall)	6%
Prentice Hall Math (Pearson Prentice Hall)	6%
Connected Mathematics (Pearson Prentice Hall)	1%

Percentage of Teachers

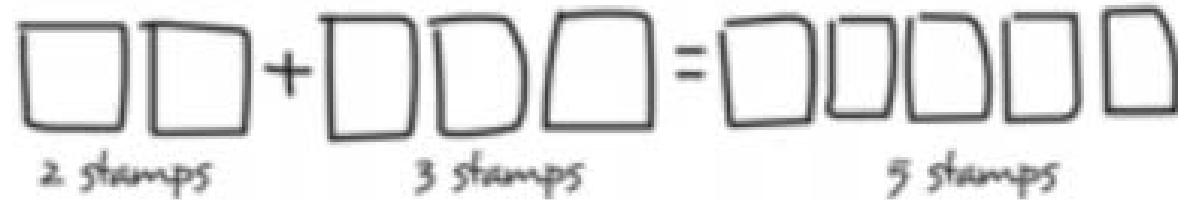www.GreatMinds.org/Parents

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Models

- Tools for problem solving
- Used throughout the curriculum
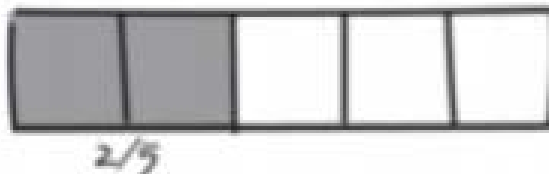- Build from lesson-to-lesson, grade-to-grade
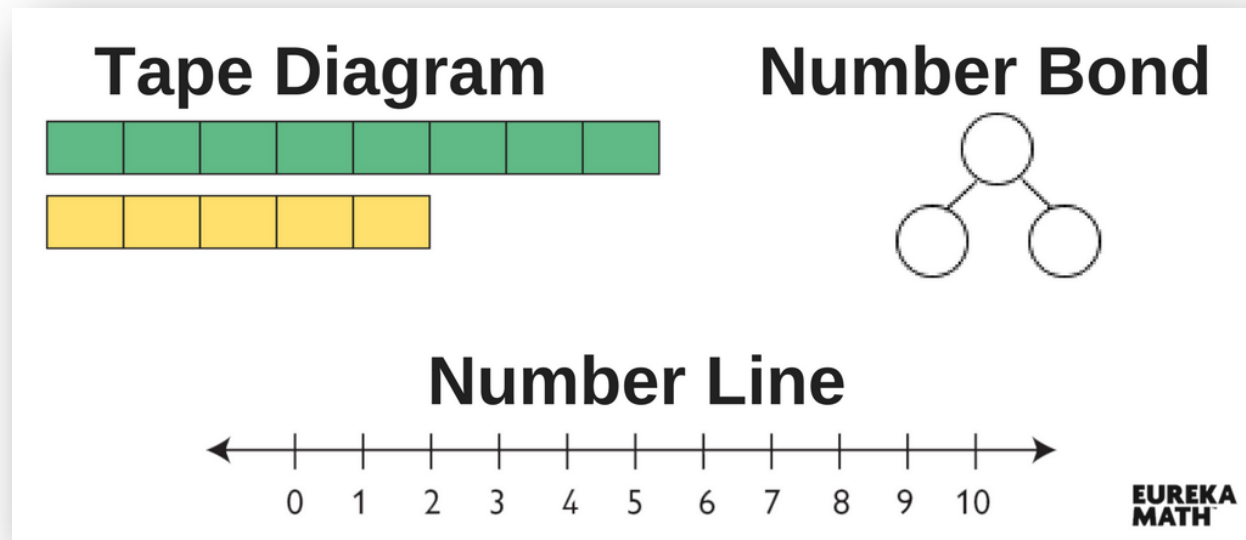
Sample Problems: Tape Diagrams
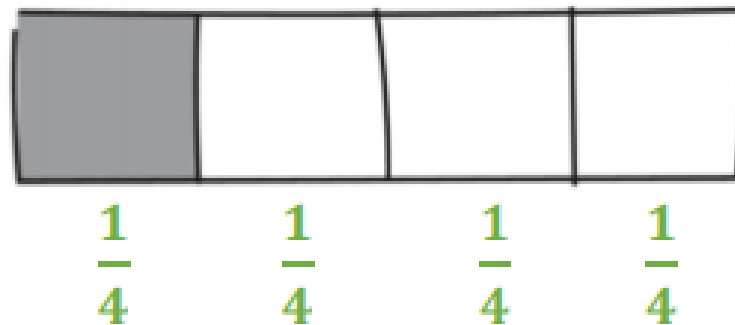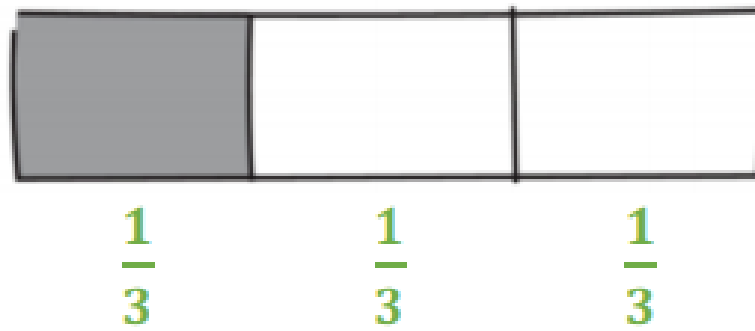
Divide 5 stamps into a group of 2 and a group of 3.

2 stamps + 3 stamps = 5 stamps

Show what $\frac{2}{5}$ looks like on a tape diagram.

2/5

EUREKA MATH

Sample Problems: Visualizing Fractions

Which is greater, $\frac{1}{3}$ or $\frac{1}{4}$?

$$\frac{1}{3} \qquad \frac{1}{3} \qquad \frac{1}{3}$$

$$\frac{1}{4} \qquad \frac{1}{4} \qquad \frac{1}{4} \qquad \frac{1}{4}$$

Your Turn!!

Matthew and his 3 siblings are weeding a flower bed with an area of 9 square yards. If they share the job equally, how many square yards of the flower bed will each child need to weed? Use a tape diagram to show your thinking.

Parent Support

- Sign up for a free account at

  greatminds.org/signup to access:
  - Homework Helpers (PK-12)
  - Parent Tip Sheets (K-8)*
  - Grade Roadmaps (K-8)*
  - Sample problems*
  - Card Games*
  - Videos*

  *available in English and Spanish

www.GreatMinds.org/Parents

Visit
www.Eureka.Support
for all things Eureka!

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Tips for helping your child with math homework

- Have your child explain what concepts they are learning.

- Ask questions:
  - *Can you explain?*
  - *What strategy did you use?*
  - *How else can you solve it?*

- Be positive about your child's math education.

- Use *Eureka Math* Parent Resources:
  - Parent Tip Sheets
  - Homework Helpers
  - Videos

EUREKA MATH

How to promote mathematical thinking at home

- *Eureka Math* games

- Tracking things over time
  - Height of a plant in the garden, amount of rainfall, etc.

- Adding math to activities they enjoy
  - Tallying the score at miniature golf, calculating expenses for a vacation, etc.

- Art project using geometric shapes

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Questions?

www.GreatMinds.org/Parents

Reminder: Important Information & Resources

For Parents

- Sign up to the *Eureka Math from Great Minds* website at **www.eureka.support**

- Check out the *Homework Helpers* (PK–12) and *Parent Tip Sheets* (K–8)

- https://embarc.online/