



Kelly Lane

Schools in the Spotlight



Mathematics



9

Agenda

01

Illustrative Math

A quick overview

03

Grade 1

Math Centers

02

Kindergarten

Counting Collections

04

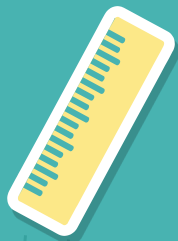
Questions





Introductions





01

Illustrative Math

Overview

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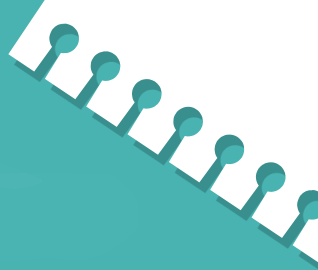
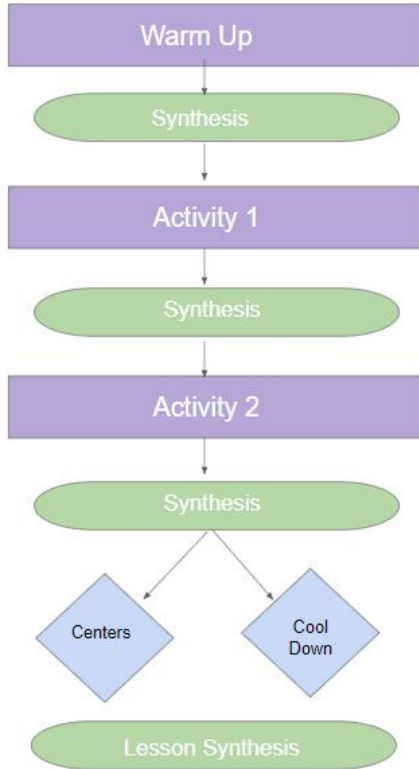
Illustrative Mathematics



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Illustrative Math Lesson Structure



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Elementary Units by Grade Level

| Grade K | | Grade 1 | | Grade 2 | |
|---------|--|---------|--|---------|---|
| 1 | Math in Our World | 1 | Adding, Subtracting, and Working with Data | 1 | Adding, Subtracting, and Working with Data |
| 2 | Numbers 1-10 | 2 | Addition and Subtraction Story Problems | 2 | Adding and Subtracting Within 100 |
| 3 | Flat Shapes All Around Us | 3 | Adding and Subtracting Within 20 | 3 | Measuring Length |
| 4 | Understanding Addition and Subtraction | 4 | Numbers to 99 | 4 | Addition and Subtraction on the Number Line |
| 5 | Composing & Decomposing Numbers to 10 | 5 | Adding Within 100 | 5 | Numbers to 1,000 |
| 6 | Numbers 0-20 | 6 | Length Measurements Within 120 Units | 6 | Geometry, Time & Money |
| 7 | Solid Shapes All Around Us | 7 | Geometry and Time | 7 | Adding, Subtracting Within 1,000 |
| 8 | Putting it All Together | 8 | Putting it All Together | 8 | Equal Groups |
| | | | | 9 | Putting it All Together |



1

2

3



Kindergarten

Counting Collections

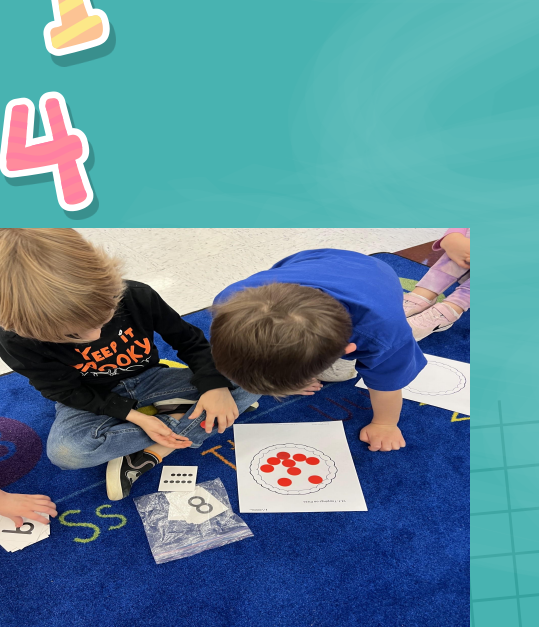


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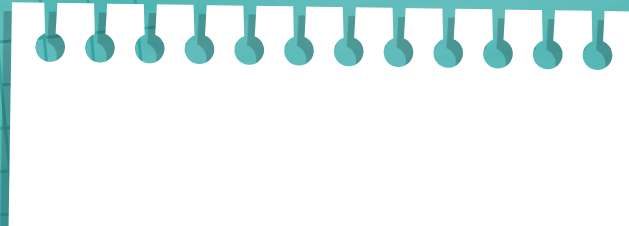
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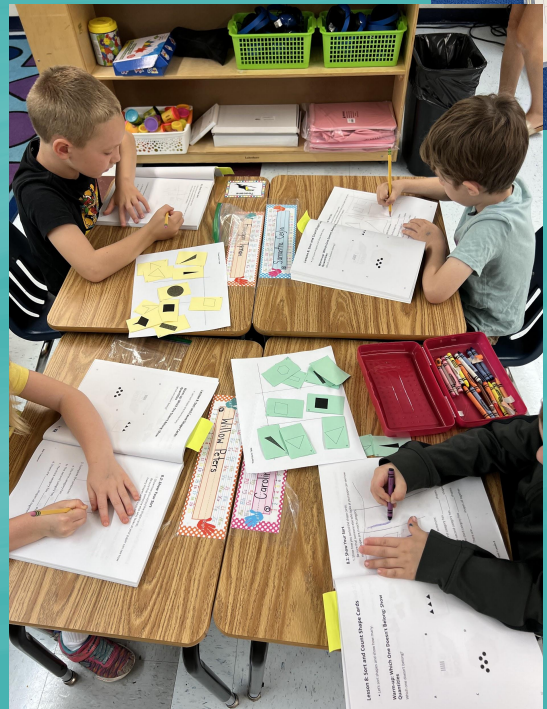
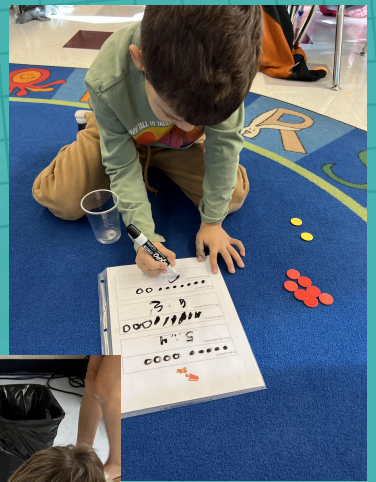
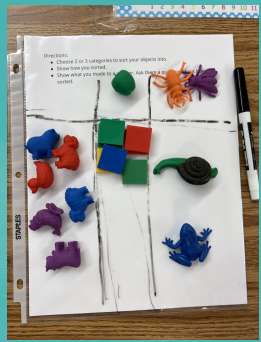
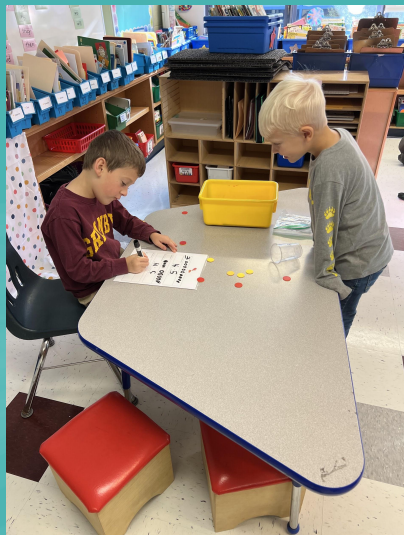


Grade 1



Centers





1-2

Quotes from Teachers about Illustrative Mathematics

- Hands on and engaging
- Inquiry based lessons
- Very student centered
- Don't need to supplement with outside materials like I did with Eureka
- Very collaborative for kids
- Love the Counting Collections
- Activity 1 lets them explore and then guides them. Then they build upon all of that in activity 2
- Love that it is not just one way of doing math, it is good for the out of the box thinkers too
- Love that you can differentiate for different abilities without the students knowing they are working on something different
- Able to be flexible and use my teaching judgement to do what is best for students in my class
- Don't need to supplement with outside materials like I did with Eureka
- Very collaborative for kids





Quotes from Kids

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Math is my favorite time of day!

Math is awesome!

I like working with a partner.

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I love math because it makes me smart!

I like working with a partner so I can ask them questions.

The games are fun!



Questions





$$4 \times 3$$

Thank you



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