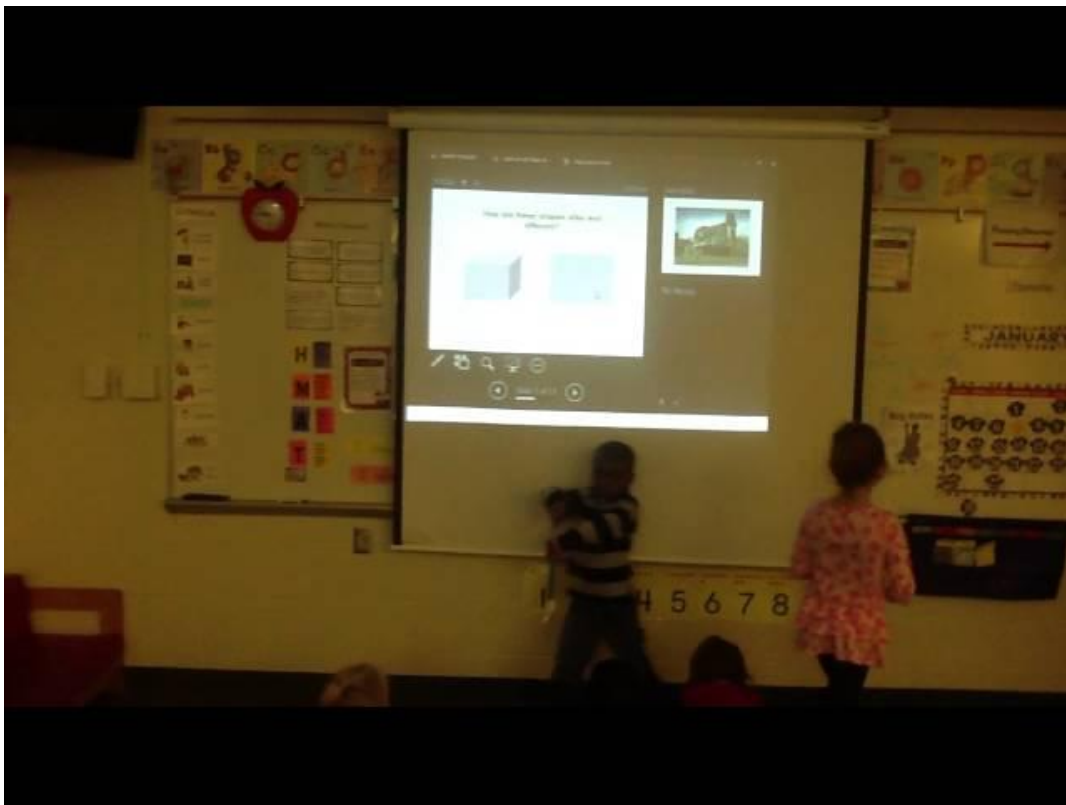




# A Math Life

In Kindergarten

# Math Routines



Student  
leaders review  
math concepts  
while  
integrating  
technology.

# Mini-Lesson

The teacher introduces new standards, concepts, strategies and vocabulary to the class as a whole group.

# Differentiated Learning Activities



Student groups  
apply understanding  
and skills (rigor) of  
mathematical  
practice through  
activities  
differentiated for all  
learners.

# Differentiated Learning Activities





# Differentiated Learning Activities



# Mathematical Practice:

1. persevere in solving problem  
effort/keep trying/growth mindset
2. reason abstractly & quantitatively  
represent and manipulate
3. construct viable arguments & critique others  
explain strategy, agree/disagree & why
4. model  
show my work

**KEEP TRYING**  
I can try many times to understand and solve a math problem. (MP.1)  
Make sense of problems and persevere in solving them.

**THINK ABOUT MATH**  
I can think about words, numbers, and symbols to solve problems. (MP.2)  
Reason abstractly and quantitatively.

**TALK ABOUT MATH**  
I can explain my ideas with math vocabulary and try to understand what other students think. (MP.3)  
Construct viable arguments and critique the reasoning of others.

**MODEL MATH**  
I can show my work in many different ways. (MP.4)  
Model with mathematics.

# Mathematical Practice:

5. use appropriate tools  
use  
resources/manipulatives
6. attend to precision  
check your work
7. structure  
patterns
8. regularity  
shortcuts

**USE MATH TOOLS**  
I can use math tools to help me solve problems. (MP.5)  
Use appropriate tools strategically.

**CHECK YOUR WORK**  
I can use the right words, symbols, and units of measurement. (MP.6)  
Attend to precision.

**LOOK FOR PATTERNS**  
I can find patterns and use them to help me solve problems. (MP.7)  
Look for and make use of structure.

**LOOK FOR SHORTCUTS**  
I can break numbers apart and put them back together. (MP.8)  
Look for and express regularity in repeated reasoning.



# RIDD

## PROBLEM SOLVING

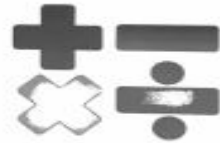
**R**ead the entire  
problem 2 times!



**I**magine the  
problem!



**D**ecide what  
to do!



**D**o the work!



# Kindergarten Math Standards

- Counting & Cardinality

count to 100, write 1-20, count forward, count objects, greater/less/equal,

- Operations & Algebraic Thinking

addition/subtraction, decompose into pairs, word problems

- Number & Operation Base Ten

compose/decompose teen numbers

- Measurement & Data

classifying and describing attributes

- Geometry

shapes (2d/3d), positional words

# Math at Home

## Kindergarten Parent Resources Web Page

\*DPI Website :

<http://www.corestandards.org/Math/Content/K/introduction/>

\*Symbaloo:

<http://www.symbaloo.com/shared/AAAACCwcPEMAA42Agfeb1w==>

\*DreamBox: <https://www.dreambox.com/>

(log in instructions)

\*Number Blocks:

<https://www.youtube.com/channel/UCPlwvN0w4qFSP1FIILB92w>

# Making it fun at Home

- Write addition and subtraction problems in shaving cream
- Have your child add the prices at the grocery store. Do you have enough money? How do they know?
- Cut out a picture from a magazine and write a math story to go with it.
- Play Yahtzee or ANY game you have at home. Have your child explain their thinking as they add the dice, cards, etc.
- Post-it Math
- Math Songs



# We appreciate your feedback!



[bit.ly/HunterFCN](https://bit.ly/HunterFCN)

(The front page of the Hunter website has all the presentations and ours, with the link, can be found there)