

Eureka Math

Kindergarten Module 1 Lesson 30

At the request of elementary teachers, a team of Bethel & Sumner educators met as a committee to create Eureka slideshow presentations. These presentations are not meant as a script, nor are they required to be used. Please customize as needed. Thank you to the many educators who contributed to this project!

Directions for customizing presentations are available on the next slide.



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Customize this Slideshow

Reflecting your Teaching Style and Learning Needs of Your Students

- When the Google Slides presentation is opened, it will look like Screen A.
- Click on the “pop-out” button in the upper right hand corner to change the view.
- The view now looks like Screen B.
- Within Google Slides (not Chrome), choose FILE.
- Choose MAKE A COPY and rename your presentation.
- Google Slides will open your renamed presentation.
- It is now editable & housed in MY DRIVE.





Materials

- Hands Mat (Left Hand)
- Red/White Beans
- 5-Group Cards
- Bears Template
- Bag of 30 red cubes and 25 blue cubes per pair (or available colors)

Icons



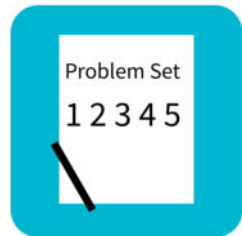
Read, Draw, Write



Learning Target



Personal White Board



Problem Set



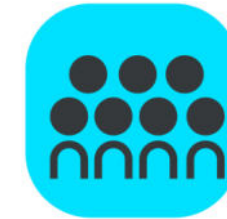
Manipulatives Needed



Fluency



Think Pair Share



Whole Class



Individual



Partner



Small Group



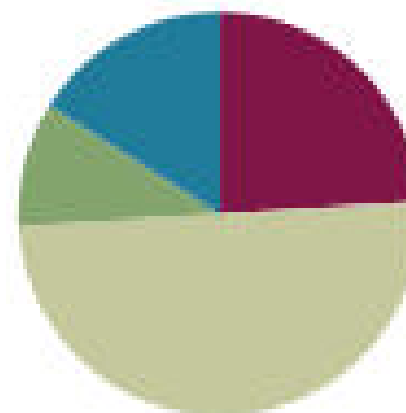
Small Group Time

Lesson 30

Objective: Make math stairs from 1 to 10 in cooperative groups.

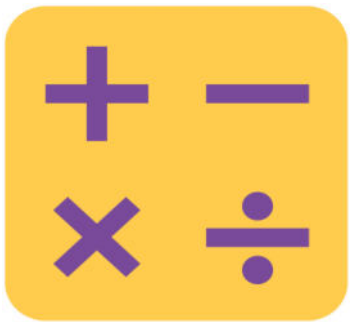
Suggested Lesson Structure

■ Fluency Practice	(12 minutes)
■ Application Problem	(5 minutes)
■ Concept Development	(25 minutes)
■ Student Debrief	(8 minutes)
Total Time	(50 minutes)





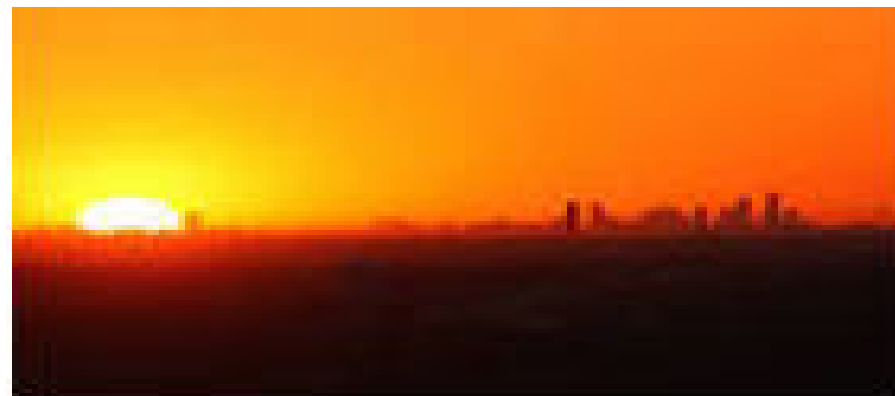
I can make stairs from 1 to 10 in cooperative groups.

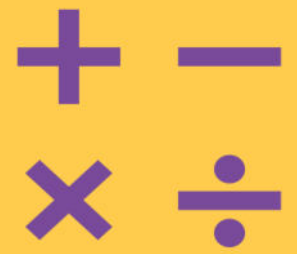


Sunrise/Sunset

Counting to 10 (4 min)

Holding your arms out in a great big circle. Pretend you are the sun! It's morning, and the sun is coming up. Let me see your sunrise (model how to gradually rise up from a crouching position to standing on tip-toes).





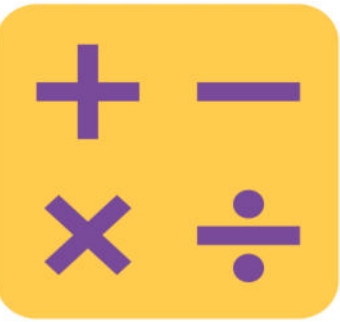
Sunrise/Sunset

Counting to 10 (4 min)

Stay there. What does the sun do a night?

Show me your sunset (return to a crouching position).



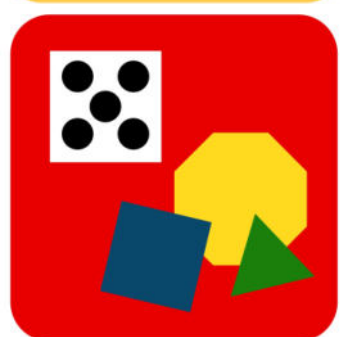


Sunrise/Sunset

Counting to 10 (4 min)

Now, we'll count as we make the sun rise. (Begin with 1 at the lowest position, count up to 5 as the midpoint, and reaching 10 as the highest position.)

Now, sunset.

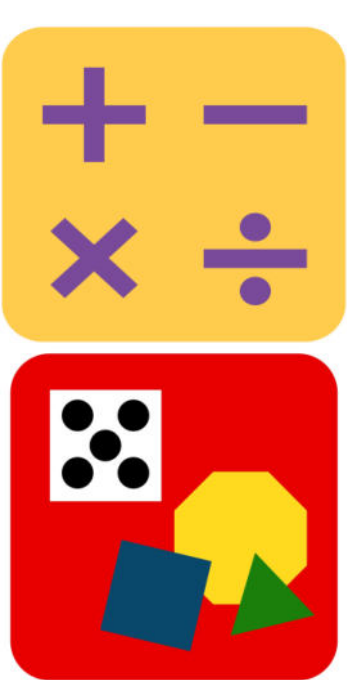


Tell the Missing Number (5 min)

With a partner, work together to put the numeral cards in order.

Partner A closes her eyes. Partner B removes one of the cards, and then tells Partner A to open her eyes. Partner A tells which numeral card is missing. Switch roles and play again.

1	2	3	4	5	6	7	8	9	10
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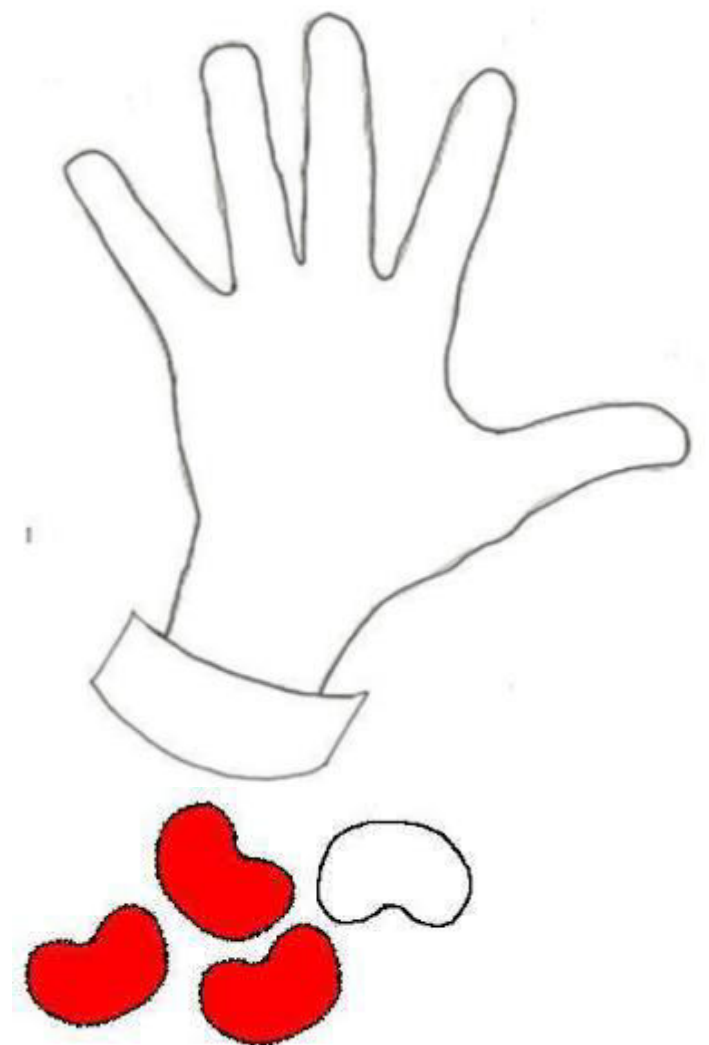


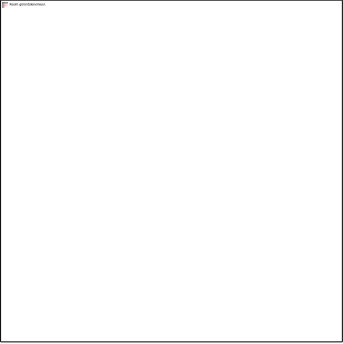
Show Me 1 More

(3 min)

Show me 3 beans. (begin on left pinky)

Now, show me 1 more.





Application Problem

(5 min)

There are 4 flowers in your vase. Your friend brings you 1 more flower to put in your vase. Draw your vase with all the flowers. Write the number.

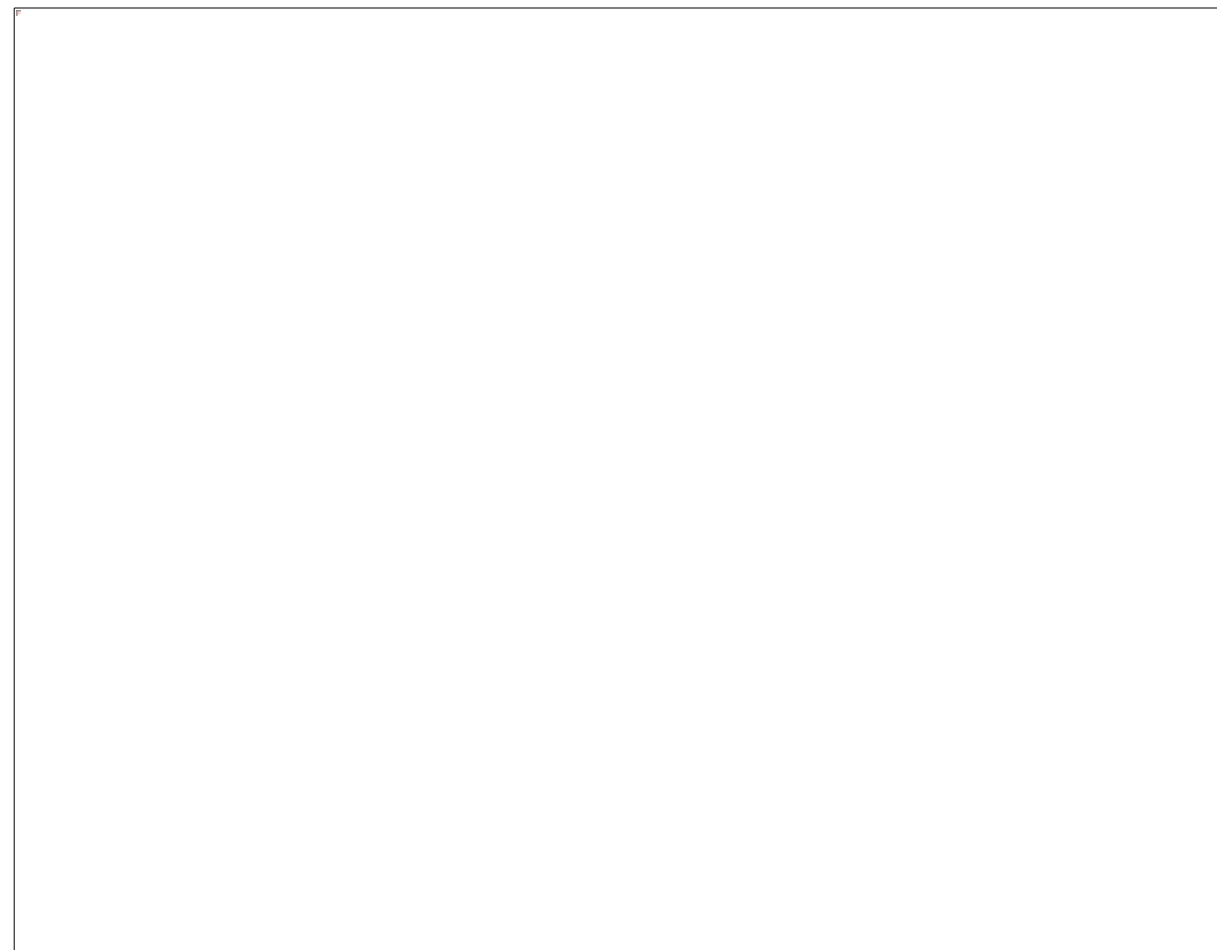




Concept Development

(25 min)

Baby bear is tired, and wants to go home to his mother in his den! We need to show him the way. How should he go home? Let's help him. Where should he go first?





Concept Development

What should we call this step? (Label the first step.)
Where should he go next? Move him with me. 2.
One more is 3. Repeat.



Concept Development

Great Job! Let's count our steps again the *1 more* way.

Now, let's make some stairs like this with our cubes.
You can work with your partner to help each other.
Take a red cube, and put it at the top of your desk.
What is the name of this stair?



Concept Development

Make the next stair. Take out another red linking cube. Add 1 more. Repeat after me: 1. One more is 2. 2.



Concept Development

Put the stair for 2 next to the one on your desk.
Let's make the next one. Continue making stairs 1-5.



Concept Development

Great Job! Can you make another set of red stairs just like that? Let's see how fast you can do it! I will time you.

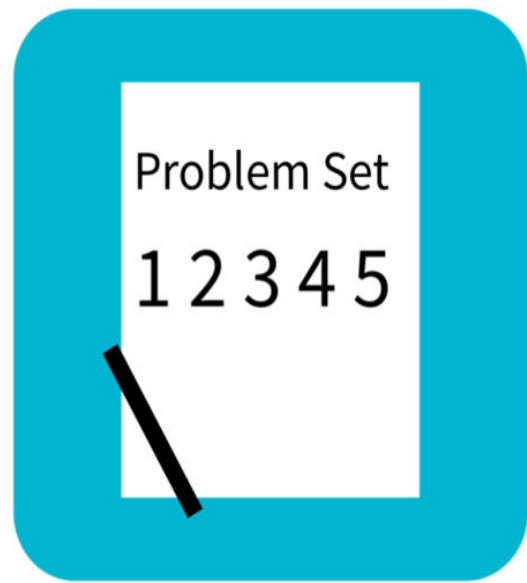
Compare your stairs to the ones on the board. Will your stairs work to get the baby bear home?



Concept Development

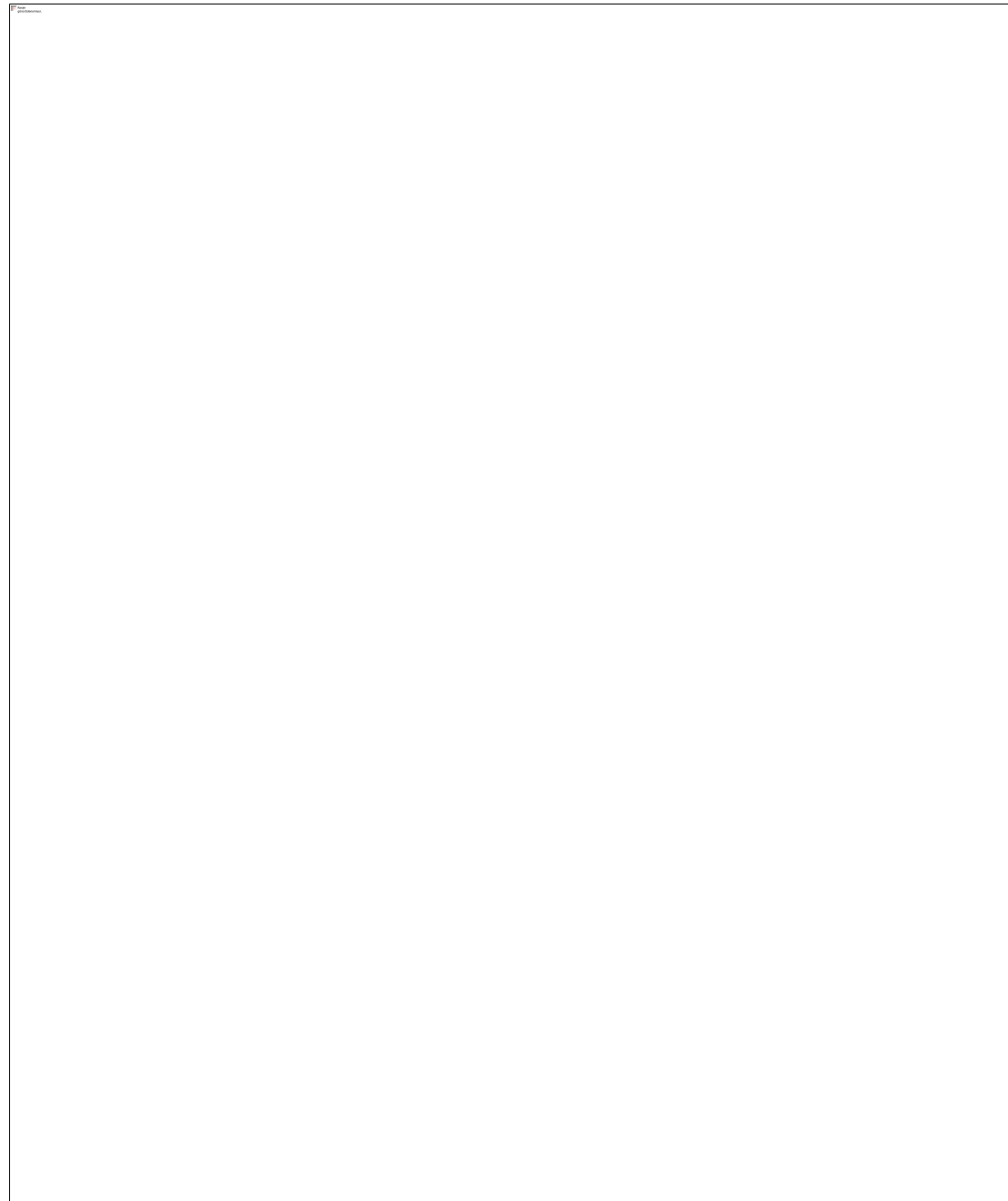
What should we do? Put all your stairs in order on your desk. Now could the baby bear get home?
Count with me: 1. One more is 2. 2. One more is 3.

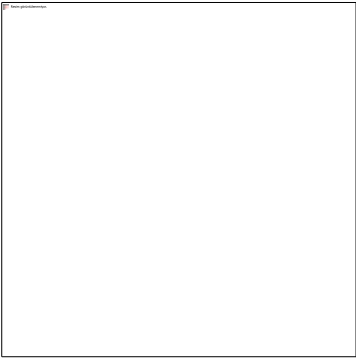
You will need your stairs for tomorrow, so put them away carefully in your bag.



Problem Set

(7 min)





Debrief (8 min)

- Look at the first staircase. What do you notice about the red steps? How many numbers have a group of 5 steps? Which numbers are they?
- Do the numbers 1,2,3, and 4 have a 5 group of steps? Why or why not?
- Look at the next staircase. What is similar or different about the red steps? What do you notice about the gray step at the top of the steps.