

Kindergarten Important Math Information

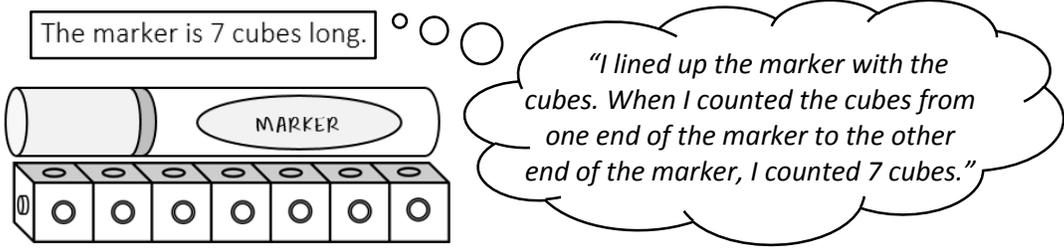
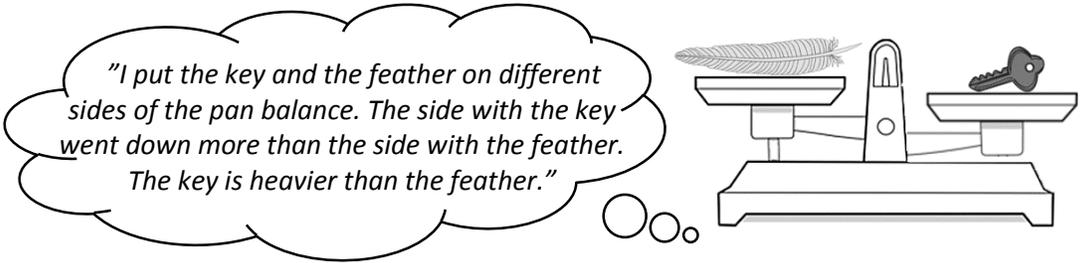
Numbers to 15 and Measurement



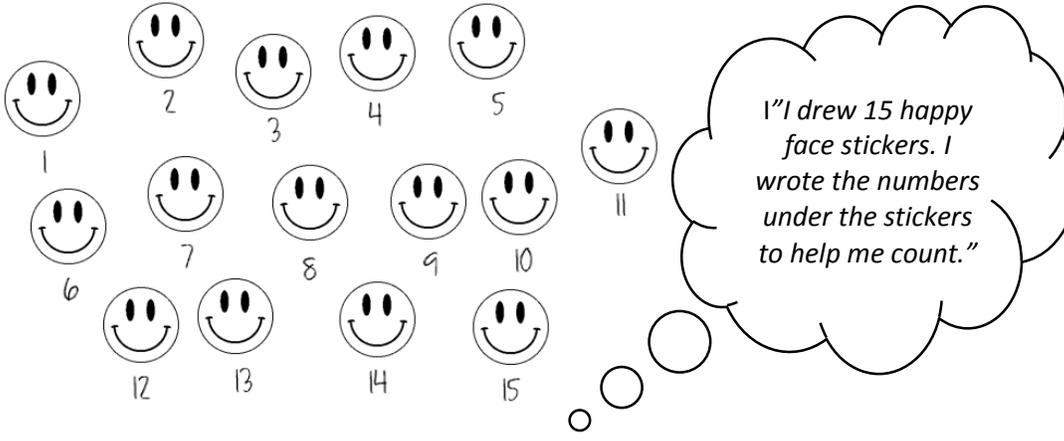
Dear Family,

Our class is starting a unit of study in mathematics called *Numbers to 15 and Measurement*. This unit focuses on counting, writing numerals, addition, measuring length, and comparing the weight of two objects. The specific learning goals your student will be working toward are listed below with examples of student work showing understanding of each learning goal.

Learning Goal: Measure the length and weight of objects and compare the weight of two objects and describe the difference.

Example Problems	Example Student Solutions
<p>How many cubes long is the marker?</p>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin-bottom: 10px;"> The marker is 7 cubes long. </div> 
<p>Compare the weight of the feather to the weight of the key.</p> <p>Which object is heavier?</p>	<div style="border: 1px solid black; padding: 10px; width: fit-content; margin-bottom: 10px;"> <p><i>"I put the key and the feather on different sides of the pan balance. The side with the key went down more than the side with the feather. The key is heavier than the feather."</i></p> </div> 

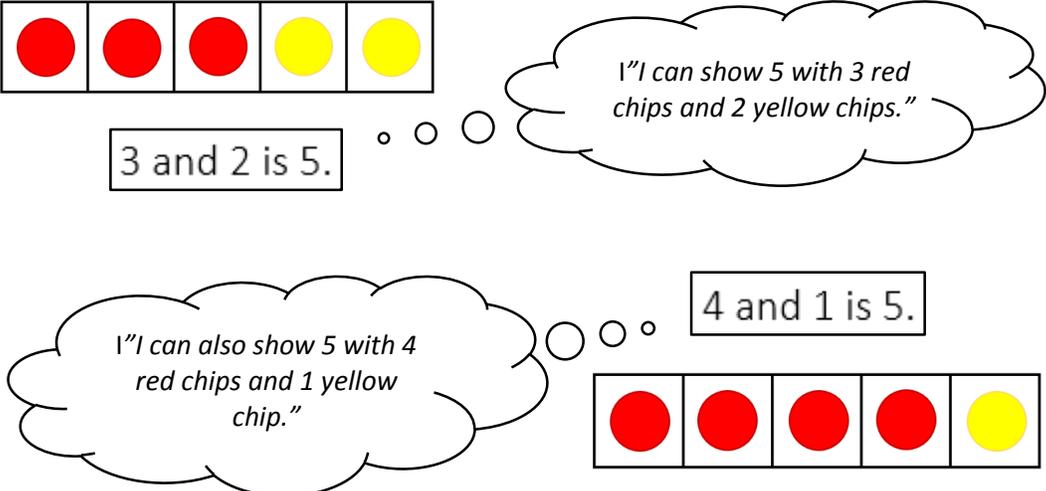
Learning Goal: Read and write numerals to 15 and represent up to 15 objects with a written numeral.

Example Problem	Example Student Solution
<p>Emery has 15 happy face stickers. Draw how many happy face stickers Emery has.</p>	

Learning Goal: Count to 40 by ones.

Example Problem	Example Student Solutions
Start from 0 and count up to 40.	"0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40."

Learning Goal: Use manipulatives to combine and break apart numbers.

Example Problem	Example Student Solutions
Use the red and yellow chips to show 5 in different ways.	

Mathematical Thinking and Practices Learning Goal: I can choose tools and use them to help me solve problems.



Things you can do at home to support your student throughout this unit of study:

One More, One Fewer:

- Ask your student about one more and one fewer. Have your student count a set of objects. After your child counts the objects, ask, "What if I gave you one more? Then how many would you have?" or "What if I took one away? Then how many would you have?" Then, add (or remove) the object. That way, your student can recount the set from one to find out or to double-check the answer.



Measurement Around Us:

- Your student may enjoy investigating the length of objects at home. Give your student several same-sized objects such as paper clips, popsicle sticks, etc., that they can use to measure the length of things like cereal boxes, shoes, forks, etc.