



KINDERGARTEN MATHEMATICS – Unit 2

Dear Parents,

During Unit 2, your child will begin to develop an understanding of the meaning and processes of measurement. Students will spend the majority of their time in this cluster describing and comparing measurable attributes. Your child will also classify objects in a variety of ways. Classification involves making decisions about how to categorize things. Young children need experiences with categorizing things in different ways in order to learn to make sense of real-world data.

MEASUREMENT AND DATA

Your child needs to:

- Describe measurable attributes of objects, such as length or weight. Describe several measurable attributes of a single object. (Use measurement and geometric vocabulary (e.g. sides) when describing the attributes of objects)
- Directly compare two objects with a measurable attribute in common, to see which object has “more of”/“less of” the attribute, and describe the difference. (For example; directly compare the heights of two children and describe one child as taller/shorter.)
- Classify objects into given categories; count the number of objects in each category and sort the categories by count. (limit category counts to be less than or equal to 10)
- Continue to support adding and subtracting fluently to 20 with +1, -1, +0, and -0.

KEY WORDS AND PHRASES

Big/Bigger	Long/Longer
Category	Match
Compare	Measure
Describe	Measurement
Greater	More of
Group	Same
Heavy/Heavier	Short/Shorter
Least	Small/Smaller
Length	Sort
Less of	Taller
Light/Lighter	Weight

WAYS PARENTS CAN HELP

- When holding or observing objects help your child to use words like *heavier/lighter* and *longer/shorter*.
- When using bowls help your child to predict which one can hold more (capacity). Have fun checking the prediction by using glasses of water to fill each bowl.
- Compare a measurable attribute of two objects to see which has more of or less of the attribute (i.e. a regular fork is longer than a small fork, you are taller than they are, a book is heavier than a magazine...).
- Classify a bag of candy by color (M&M's, Skittles, Starbursts...). Count the number of pieces in each group. Sort the groups by the number of pieces in each group.
- Play a game, “Guess My Rule”, where each player sorts a group of objects and the other player has to guess the rule. When the guessing player guesses correctly, changes roles. First player to correctly guess 5 rules wins.
- Continue to practice adding and subtracting to 5.