

Grade 2 Mathematics Unit Preview

Quarter 2: Measurement (Length, Weight, and Capacity)

Objectives: (Your student will be able to)

- **Estimate and measure in standards unit of length.** Including inches, feet, yards, centimeters, and meters.
- **Select and use appropriate units of measure.**
- **Read a thermometer to the nearest 5° (Celsius and Fahrenheit).**
- **Estimate and count linear units to find perimeter.**
- **Estimate and count square units to find area.**
- **Recognize equivalent units of measure.** For example, 1 foot equals 12 inches.
- **Estimate and measure capacity.** Including cups, pints, quarts, gallons, and liters.
- **Estimate and measure in standard units of weight.** Including ounces, pounds, grams, and kilograms.

Vocabulary: (Words your student will need to understand)

• Area: The number of square units to cover a surface.	• Capacity: The amount a container can hold when filled.
• Length: The distance between two objects or points.	• Perimeter: The distance around a figure.
• Nonstandard unit: Any real item that can be used to measure. Examples include paperclips, pants, cookies, and nuts.	• Standard unit: A standard unit of measurement from the metric or customary system. Examples include inches, meters, grams, pounds, and cups
• Temperature: A thermometer is used to measure how hot or cold something is.	• Weight: A scale is used to measure how heavy something is.

Activities to do with your student (in addition to homework, optional):

- Measure the ingredients while cooking at home.
- Weigh produce on the scale in the grocery store.
- Measure and record length and weight of objects around the house.
- Check the temperature on an indoor or outdoor thermometer. Keep track of the data.
- Predict the amount of liquid various containers will hold and check while making lemonade or juice drinks.
- Use plastic measuring cups in the pool or bathtub to compare amounts.
- Measure the perimeter of objects with straight sides in inches or centimeters. Record the length of each side and add all the sides together to get the perimeter.
- Cover the lids of boxes with small objects of the same size (legos, beans). Compare the area.
- Practice addition and subtraction facts.

