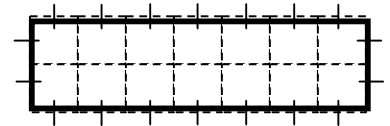


Grade 1 Mathematics Unit Preview Quarter 3: Measurement

Objectives: (Your student will be able to)

- **Measure different lengths using non-standard units.** For example, we could measure the length of a book with paperclips, elbow macaroni, or small erasers.
- **Measure the lengths of objects and pictures of objects to the nearest inch.**
- **Measure the distance around a figure by counting linear units.** For example on the rectangle to the right, we can count around the rectangle to find 18 units.
- **Measure the area of a figure by counting square units.** For the rectangle to the right, we can count the area to be 14 square units.
- **Compare and order the relative weight of two objects.** For example, a bike is heavier than a book.
- **Estimate and measure the capacity of different sized containers using non-standard units.** For example, a bucket holds about a gallon of water.
- **Read a thermometer to tell temperature to the nearest ten degrees.**
- **Choose the appropriate tool to measure length, weight, capacity, and temperature.** For example, we use a scale to measure weight or a thermometer to measure temperature.



Vocabulary: (Words your student will need to understand)

• Standard Units: A traditional unit of measurement from the metric or customary system. Examples include inches, meters, grams, pounds, cups, and liters.	• Non-Standard Units: Any real item that can be used to measure. Examples include paperclips, cookies, and yarn.
• Length: The distance from one point to another	• Degree: a unit for measuring temperature
• Area: The number of square units needed to cover a surface	• Capacity: The amount a container can hold when filled
• Thermometer: A tool used to measure the temperature	• Measure: To see how long, how much, or how heavy something is
• Temperature: A measure of how hot or how cold something is	• Square Unit: a square with a side length of one unit
• Cup: a unit used to measure capacity 1 cup equals 8 ounces	• Gallon: a unit used to measure capacity 1 gallon equals 4 quarts
• Inch: a unit used to measure length	• Weight: How heavy an object is

See other side for activities that you can do with your student to support these objectives.



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

- Have your student help you cook by using measuring cups or measuring spoons.
- Weigh produce on the scale at the grocery store.
- Measure the length of various items around the house using different objects (crayons) or using rulers.
- Keep track of your students' growth by measuring their height every month.
- Use a thermometer to check the temperature each day.
- Practice addition and subtraction basic facts.