

Grade 4 Mathematics Unit Preview Quarter 4: Measurement

Objectives: (Your student will be able to)

- **Estimate, measure, read, and record in standard units of length, weight, capacity, and temperature.**
- **Estimate and determine perimeter and area of a polygon.**
- **Determine the volume of regular and irregular three-dimensional figures.**
- **Determine and use equivalent units within the same measurement system.** For example, 3 feet = 36 inches.
- **Determine elapsed time and end time.**

Vocabulary: (Words your student will need to understand)

• Perimeter: The distance around an object.	• Elapsed Time: The amount of time that passes between two times.
• Area: the measure, in square units, of the inside of a plane figure	• Capacity: The greatest amount a container can hold
• Volume: The number of cubic units that fits inside a solid figure.	• Polygons: A closed plane figure with straight lines.

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

- Use measurement tools when baking or cooking.
- Compare items by length or weight.
- Practice scheduling events to determine elapsed time.
- Use a thermometer to record indoor and outdoor temperatures.
- Use string to measure wrist, neck, and waist and make comparisons.
- Read an analog clock throughout the day.
- Use a stopwatch to keep track on how much T.V is watched throughout the week and how much .time is spent on homework, and compare the two amounts of time.
- Take an object and estimate the weight then use a scale to determine the exact weight, and compare the two amounts.
- Use a ruler to measure objects around the house in inches or centimeters.
- Practice multiplication and division facts.

