

## 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)

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

