

# Vocabulary

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*Study the vocabulary words and definitions below.*

**Celsius (C)** ..... a temperature scale that sets the boiling point of water at 100° (C), the freezing point of water at 0° (C), and normal body temperature at 37° (C); also known as the Centigrade scale

**centigram (cg)** ..... a unit of mass in the metric system equal to  $\frac{1}{100}$  of a gram

**centiliter (cl or cL)** ..... a unit of volume in the metric system equal to  $\frac{1}{100}$  of a liter

**centimeter (cm)** ..... a unit of measurement in the metric system equal to  $\frac{1}{100}$  of a meter; 100 centimeters equals one meter

**cubic centimeter (cm<sup>3</sup>)** ..... a unit of the metric system for measuring solid volume; it is also equal to one milliliter

**decigram (dg)** ..... a unit of mass in the metric system equal to  $\frac{1}{10}$  of a gram

**deciliter (dl or dL)** ..... a unit of volume in the metric system equal to  $\frac{1}{10}$  of a liter

**decimeter (dm)** ..... a unit of distance in the metric system equal to  $\frac{1}{10}$  of a meter

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**degree (°)** ..... unit for measuring temperature

**Fahrenheit (F)** ..... a temperature scale that sets the boiling point of water at 212° (F), the freezing point of water at 32° (F), and normal body temperature at 98.6° (F)

**gram (g)** ..... a unit of mass and weight in the metric system; used to describe the quantity of matter

**kilogram (kg)** ..... a unit of mass and weight in the metric system; 1,000 grams equals one kilogram

**kiloliter (kl or kL)** ..... a unit of volume in the metric system; 1,000 liters equals one kiloliter

**kilometer (km)** ..... a unit of distance in the metric system; 1,000 meters makes one kilometer

**length** ..... the distance from one end of an object to the other end

**liter (l or L)** ..... the basic unit for measuring liquid volume in the metric system; equals a bit more than one quart

**mass** ..... the amount of material in an object; this measurement is not affected by gravity

**meter (m)** ..... basic unit of distance in the metric system; equals approximately 40 inches

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- metric system** ..... a system of measurement based on the decimal system
- milligram (mg)** ..... a unit of mass in the metric system equal to  $\frac{1}{1000}$  of a gram
- milliliter (ml or mL)** ..... a unit of volume in the metric system equal to  $\frac{1}{1000}$  of a liter
- millimeter (mm)** ..... a unit of distance in the metric system equal to  $\frac{1}{1000}$  of a meter
- Systeme Internationale (SI)** ..... the international system of measurement that includes metrics for units of distance, mass, and volume, and the Celsius scale for units of temperature
- temperature** ..... the measure of the amount of heat in a substance; a measure of how fast molecules are moving in their random motion
- thermometer** ..... instrument used to measure temperature
- volume** ..... the amount of space that matter takes up
- weight** ..... the measure of the force of gravity pulling on an object