**Unit 2 Vocabulary**

1. **Metric system-**A system of units based on the meter as a unit length, the kilogram as a unit mass, and the second as a unit time.
2. **Liter-**liquid volume is expressed in liters (symbol = L).
3. **Meter-** the basic unit of measurement in the SI, symbol = m
4. **Gram-**the mass of an object is often expressed in grams (symbol = g)**.**
5. **International System of Units (SI)-**system of measurement that is expressed in multiples of 10. Now known as the metric system.
6. **Graduated cylinder-** a tool used to measure the volume of liquids.
7. **Triple beam balance-** a type of scale used to measure the mass of an object.
8. **Volume-**a measure of the size of an object or region in three-dimensional space.
9. **Mass-** a measure of the amount of matter in an object.
10. **Weight-**a measure of the gravitational force exerted on an object; its value can change with the location of the object in the universe.
11. **Temperature-**a measure of how hot (or cold) something is; specifically, a measure of the average kinetic energy of the particles in an object.
12. **Displacement-** the difference in volume when an object is placed in a graduated cylinder.
13. **Meniscus-** the curve at a liquid’s surface by which one measures the volume of the liquid.
14. **Density-**the ratio of the mass of a substance to the volume of the substance. Formula: D= mass

volume