**Volume** – the amount of space an object takes up. Volume is usually expressed in liters, milliliters, and cubic meters.

**Density** – the amount of matter present in a certain volume of a substance.

To **find** **density**, you divide mass by volume.

**Mass** – the amount of matter an object has

**State** of **matter**- liquid, solid, gas

**Solid** has definite shape and definite volume.

**Liquid** is matter with a definite volume but no definite shape.

**Gas** is matter with no definite volume and no definite shape.

Objects come in many different **colors**, which produce different sensations on the eyes.

**Shape** is the form of appearance of something.

Harder minerals that scratch softer ones refer to the object’s **hardness**.

**Physical** **property** – anything you can observe about an object by using one or more of your senses.