

Matter Test Review

Starting next week we will be writing our end of unit test on matter. The test will consist of a true and false section, some fill in the blanks, and some sorting questions based on the experiments we have done in class.

Here are the main concepts that will be tested:

- Matter is something that takes up space and has weight.
- There are three states of matter; solid, liquid and gas.
 - Solids have a shape and a size, they have particles that are close together and cannot move around.
 - Liquids take the shape of the bottom of a container, but the size does not change, they have particles that are spread out and move around.
 - Gases have no shape or size, they fill a container, they have particles that are really far apart and move really fast.
- Matter can change from one state to another by adding or taking away heat.
 - For example, ice, water and steam are all the same substance, but at different temperatures.
- The experiments that will be covered on the test are:
 - Liquid Races – Which liquid moved fastest?
 - Mixing Solids and Liquids – Which solids mixed with water?
 - Mixing Liquids and Liquids – Which liquids mixed with water?
 - Buoyancy (Floating) – Which objects floated, which sank?
 - Absorbency – Which objects absorbed water, which repelled water?