Element- atoms broken down to their smallest form. Elements are listed on the periodic table. All matter is an element or a combination of elements.

Compound- Molecules made up of 2 or more different elements. Not listed on the periodic table.

Mixture- combining elements and or compounds and no chemical change happens. Each element or compound molecules keep their properties.

Atom- what elements are made up of. Have protons, neutrons and electrons. Number of electrons tells where it is on the periodic table and what properties the atoms will have.

Molecule- made up of atoms connected together. Cannot make any smaller or the item will lose its properties.

Periodic table- A list of elements that sorts them by their properties and atomic weight.

5 signs of a chemical change- smoke, bubbles, color change, odor, unexplained heat or lack of heat.

Property- The characteristics of an item or element. How it can be described. Its flexibility, hardness, color, odor or lack of odor, buoyancy, etc.