



5th Grade Matter Review

What makes up Matter?

- Matter is made of atoms that combine to form molecules
- Elements are basic kinds of matter and each element has different atoms
- Compounds are made up of two or more elements

How can matter be described?

- Mass is the amount of matter in an object
- Volume is the amount of space an object takes up
- Temperature is a measure of how fast the particles of an object move

What are solids, liquids, and gases?

- States of matter include solid, liquid, and gas
- Changes in state are caused by changes in the motion of particles
- Melting, freezing, evaporation, and condensation are state changes

What are mixtures and solutions?

- A mixture is made up of two or more materials
- The parts of a mixture can be separated
- A solution is a type of mixture but parts do not settle out of a solution

How does matter change?

- Physical changes do not change materials into new materials
- In a chemical change, one or more new substances form
- Temperature can affect physical and chemical changes

Vocab: See pg. 43-46 for textbook definitions

Atom

Atomic theory

Compound

Molecule

Mass

Volume

Temperature

Solid

Liquid

Gas

Mixture

Solution

Physical Change

Chemical Change