

Quick Vocabulary

Lesson 1

atom small particle that is a building block of matter

compound substance containing atoms of two or more different elements chemically bonded together

dissolve to form a solution by mixing evenly

element substance that consists of just one type of atom

heterogeneous mixture type of mixture in which the individual substances are not evenly mixed

homogeneous mixture type of mixture in which the individual substances are evenly mixed

matter anything that has mass and takes up space

mixture matter that can vary in composition

substance matter with a composition that is always the same

unique having nothing else like it

Lesson 2

bond force between atoms or groups of atoms

density mass per unit volume of a substance

mass amount of matter in an object

physical property characteristic of matter that you can observe or measure without changing the identity of the matter

property characteristic used to describe something

solubility ability of one substance to dissolve in another

Quick Vocabulary

Lesson 3

physical change change in size, shape, form, or state of matter in which the matter's identity stays the same

Lesson 4

chemical change change in matter in which the substances that make up the matter change into other substances with new physical and chemical properties

chemical property characteristic of matter that can be observed as it changes to a different type of matter

concentration amount of substance in a certain volume