**atom** tiny building block of matter

**balance** tool for comparing mass

**chemical change** change that forms a different kind of matter

**condensation** when a gas changes to a liquid

**evaporation** when a liquid changes to a gas

**gas** matter that does not have its own shape or volume

**liquid** matter that does not have its own shape, but has its own volume

**mass** amount of matter in something

**matter** anything that takes up space and has mass

**mixture** something made of two or more kinds of matter mixed together

**physical change** change in the way matter looks, but not in the kind of matter it is

**physical property** how something looks, feels, smells, tastes, or sounds

**solid** matter that has its own shape and volume

**solution** mixture with two or more kinds of matter mixed evenly

**state of matter** one way matter exists, such as solid, liquid, or gas

**temperature** measure of how hot or cold something is

**volume** how much space matter takes up

**water vapor** water that has changed into a gas