

# Properties of Matter

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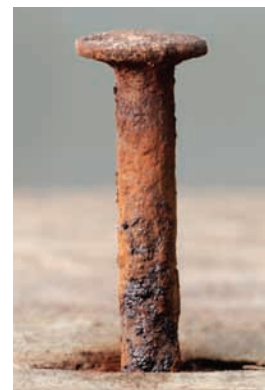
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# Glossary

**atom** (AT-uhm) a building block of matter; the smallest unit of an element that still has the properties of that element **(16)**

**balance** (BAL-uhns) a tool for measuring mass **(5)**

**chemical property** (KEM-i-kuhl PROP-ur-tee) a property of a substance that tells how it reacts with other substances **(13)**

**compound** (KOM-pound) a substance made up of the atoms of two or more different elements joined together **(22)**

**density** (DEN-si-tee) a measure of the amount of mass in a certain volume of a substance **(7)**

**electron** (i-LEK-tron) a tiny part of an atom that moves in the space around the nucleus and has a negative charge **(16)**

**element** (EL-uh-muhnt) a substance that is made up of only one type of atom and cannot be broken down chemically into simpler substances **(17)**

**gas** (GAS) the state of matter that has no set volume and no set shape **(11)**

**liquid** (LIK-wid) the state of matter that has a set volume but not a set shape **(10)**

**mass** (MAS) a measure of the amount of matter in an object **(5)**

**matter** (MAT-ur) anything that takes up space and has mass **(4)**

**metal** (MET-l) an element that is a solid, is usually shiny, and is a good conductor of heat and electricity **(19)**

**molecule** (MOL-i-kyool) the smallest unit of a substance made of joined atoms that still has the properties of that substance **(21)**

**neutron** (NOO-tron) a tiny part of an atom that is located in the nucleus and has no charge **(16)**

**nucleus** (NOO-klee-uhs) the center of an atom, made up of protons and neutrons **(16)**

**periodic table** (pir-ee-OD-ik TAY-buhl) a chart in which elements are placed according to their chemical properties **(18)**

**physical property** (FIZ-i-kuhl PROP-ur-tee) something about a substance that can be seen or measured **(4)**

**proton** (PROH-ton) a tiny part of an atom that is found in the nucleus and has a positive charge **(16)**

**solid** (SOL-id) the state of matter that has a set volume and a set shape **(9)**

**state of matter** (STAYT uhv MAT-ur) the physical form of a substance **(9)**

**volume** (VOL-yoom) a measure of the amount of space an object takes up **(6)**