

An element is as simple as it gets: substances that cannot be broken down into simpler substances. When elements get together and mix chemically, they make compounds, like water and salt!



Key vocabulary

element

A substance that cannot be split into a simpler substance.

symbol

A design or an abbreviation that represents something else.

compound

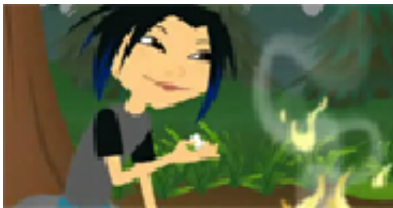
A single substance that is formed by combining two or more elements.

Related articles



Atoms: Protons, Neutrons, Electrons

Atoms are everywhere. They are in everything. So what are atoms made of? We have the scoop!



Physical & Chemical Changes of Matter

Matter does not have to stay the same. It has a lot of ways to change its properties. Check it out!



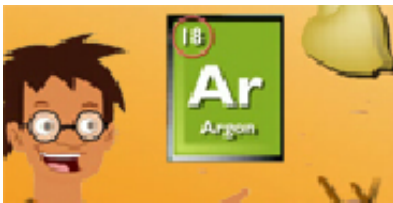
Properties of Matter

Matter is the stuff all around us, and all of it has mass and volume.



Mixtures

What is your favorite snack when you go hiking? If it is trail mix, then you like to snack on mixtures!



Periodic Table

There are a lot of elements! How do scientists keep it all straight? The periodic table, of course.