

A mixture contains two or more substances that retain all their original properties and can be physically separated. Mixtures can be homogenous or heterogeneous.



Key vocabulary

mixture

A physical combination of two or more substances.

substance

Something that has weight and takes up space; matter.

solid

Hard and firm; not a liquid or a gas.

liquid

A wet substance that you can pour.

gas

A substance, such as air, that will spread to fill any space that contains it.

solution

A homogenous mixture in which substances are blended evenly. Or, the answer to a problem, an explanation.

dissolve

To seem to disappear when mixed with liquid.

property

A special quality or characteristic of something.

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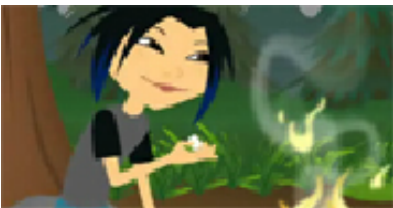
Elements & Compounds

Mixtures mix, but they stay physically separate. When two or more elements combine on a chemical level, a compound is what you get.



Solids, Liquids, Gases

You know water can be a solid, a liquid, or a gas. So can all kinds of other forms of matter. But how do they change states?



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!



Atoms: Protons, Neutrons, Electrons

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