

All matter can exist in three forms: solid, liquid, or gas. Matter can change states through heating or cooling, and it is sure to change states when it reaches its boiling point or freezing point.



## Key vocabulary

---

### **matter**

Anything that has weight and takes up space as a solid, liquid, or gas.

### **evaporation**

When a liquid changes into a vapor or gas.

### **condensation**

The process of a gas turning into a liquid.

### **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.

### **molecule**

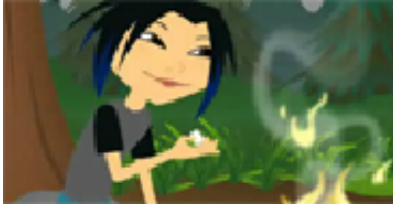
The smallest part of a substance that displays all the chemical properties of that substance. A molecule is made up of more than one atom.

### **state**

The way that something is, or the condition it is in.

## Related articles

---



### 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!



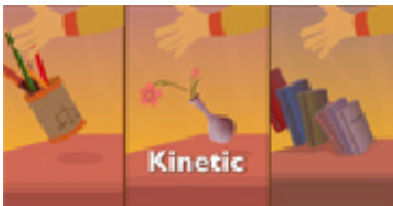
### Elements & Compounds

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



### Properties of Matter

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



### Energy & Matter

If you want to make a change in matter, first you have got to have the energy!