



## The 3 States of Matter

Every thing you see around you is made of matter. The trees, the tall buildings in the distance, and even your favorite stuffed animal or action figure is made of matter. **\*\*Everything\*\*** in our world is made of matter. Matter has 3 different states: Solid, Liquid and Gas.

Solid matter retains its shape unless you do something to it. For example, clay is a solid even though its soft. It retains its shape unless you do something to it.

Liquid matter has no shape and can be poured. For example, milk can be poured. Then, the milk takes the shape of its container or jug. When you pour the milk into your bowl, it takes the shape of the bowl. Liquid matter can have different densities - like a thick delicious smoothie or they could be as thin as water.

Gas is another state of matter. Matter that is gaseous has no shape and most gases are invisible. Matter in the form of gas can be felt on your skin, but you usually can't see it. The air you breath is a form of matter in gas form.

Water is a great example of a substance that exists in all three states of matter in our world. You may drink liquid water, or play in it. You can make ice, or solid water, by freezing liquid water. You can make water a gas by boiling water. Water vapor (a gas) will form above boiling water - like steam.

Everything in our world is made of matter. There are three main states of matter: solid, liquid and gas.