

Everything around us is made of matter.

Solids (pencils and rocks) have a fixed shape / their particles are tightly packed together

These forms are called the states of matter.

There are three main states of matter: solid, liquid, and gas..

cooling steam turns it into water/ cooling water turns it back to steam

Slime is a tricky substance because it acts like both a solid and a liquid at the same time.

Water is the only substance on Earth that can naturally be found as a solid, a liquid, and a gas.

Matter can exist in different forms.

States of Matter

heating ice (a solid) turns it into a water(a liquid)

Glass is actually a very slow-moving liquid even though it looks solid!

Matter can change from one state to another

boiling water changes it into steam

Liquids (water and juice) take the shape of their container /their particles can move around.

Gases, like air, spread out to fill the space they are in because their particles are far apart and move freely in all directions/