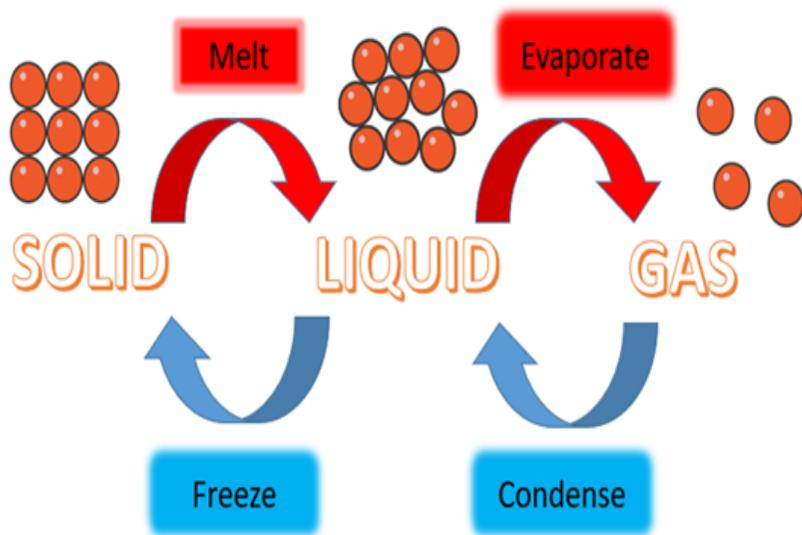


States of matter - Year 4 Key Knowledge Fact Sheet



Water freezes at 0 degrees. Water boils at 100 degrees. It then evaporates as gas. Evaporation can happen at any temperature above freezing, although it is much quicker when the liquid is boiling. If it cools, it turns back into water. This is called **condensation**.

We can measure temperature in degrees Celsius or degrees Fahrenheit. These units of measurement are named after the scientists that created them.



Solids

Solids hold their shape



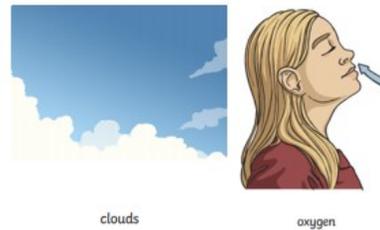
Liquids

Liquids form a pool, not a pile. They take the shape of the container they are inside.



Gases

Gases escape from an unsealed container.



Vocabulary

Water cycle - the path that all water follows as it moves around Earth in different states.

Boiling point - the point at which a liquid becomes a gas.

Melting point - the point at which a solid changes to a liquid.

Particles - a particle is an extremely tiny piece of matter. Scientists believe that everything in the universe is made up of particles.

