

KEY VOCABULARY

Matter

The word scientists use to describe **everything that makes up the world** around us, it includes solids, liquids and gases

Solid

Matter that can be held, **holds its shape and stays in one place**, like wood. We can hold solids in our hand. Some solids can be changed through squashing, bending or twisting

Liquid

Matter that **flows like water**. Liquids can take the shape of the bottom of their container. We can pour them

Atoms

A tiny building block that **everything around us is made from**

Materials

Matter from which **something is made** e.g. wood, glass, metal

Properties

Characteristics that we can use to describe objects, for example smooth, hard, soft

Transparent

A material that **allows light to pass through**, so we can see through it, for example glass

Opaque

A material that **does not allow light** to pass through, so we cannot see through it, for example wood



STATE OF MATTER



GAS



LIQUID



SOLID



GAS STATE



LIQUID STATE



SOLID STATE

HOT

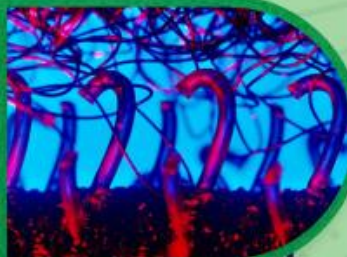
COOL



VELCRO NORMAL
VIEW



MICROSCOPE



VELCRO UNDER
MICROSCOPE

A tool that scientists use to look closely at very tiny things.