

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

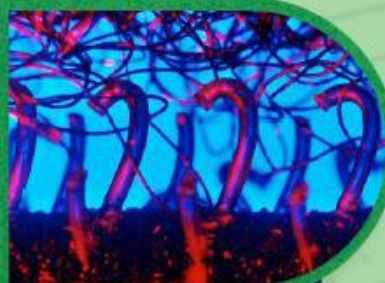
A material that **does not allow light** to pass through, so we cannot see through it, for example wood



VELCRO NORMAL
VIEW



MICROSCOPE



VELCRO UNDER
MICROSCOPE

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



STATE OF MATTER



GAS



LIQUID



SOLID



GAS STATE



LIQUID STATE



SOLID STATE

HOT COOL