



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 and 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, and 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, e.g., smooth, hard, soft

transparent

a material that **allows light to pass through**; we can see through it, e.g., glass

opaque

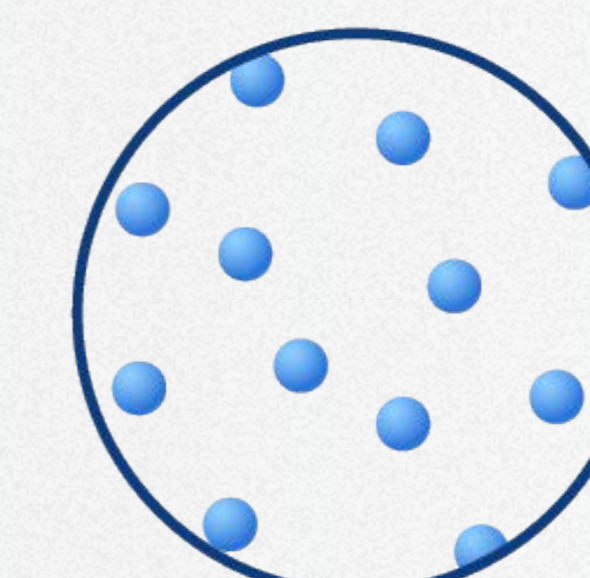
a material that **does not allow light** to pass through; we cannot see through it, e.g., wood



state of matter



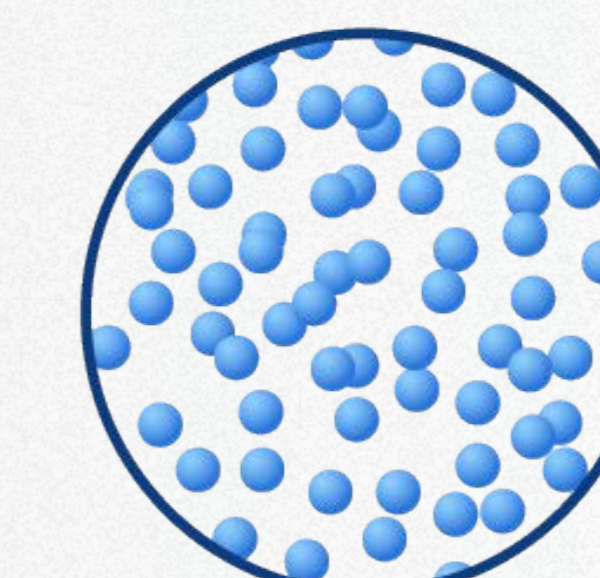
gas



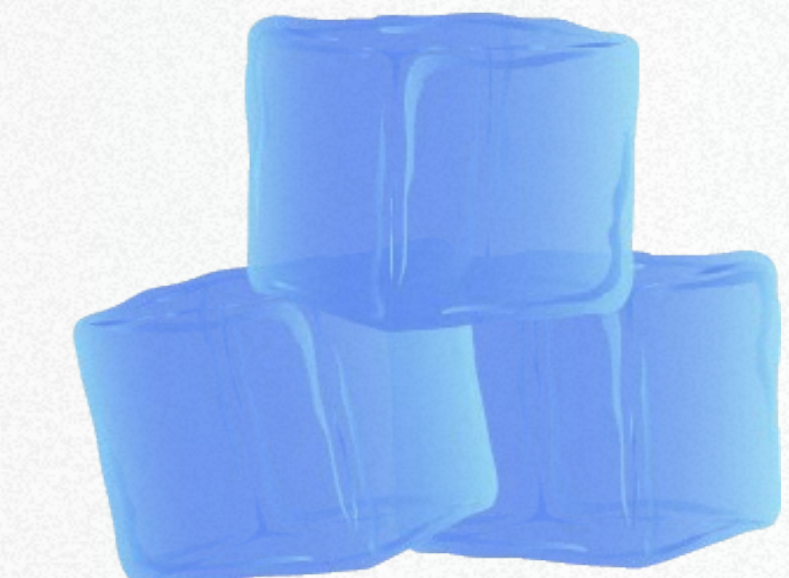
gas state



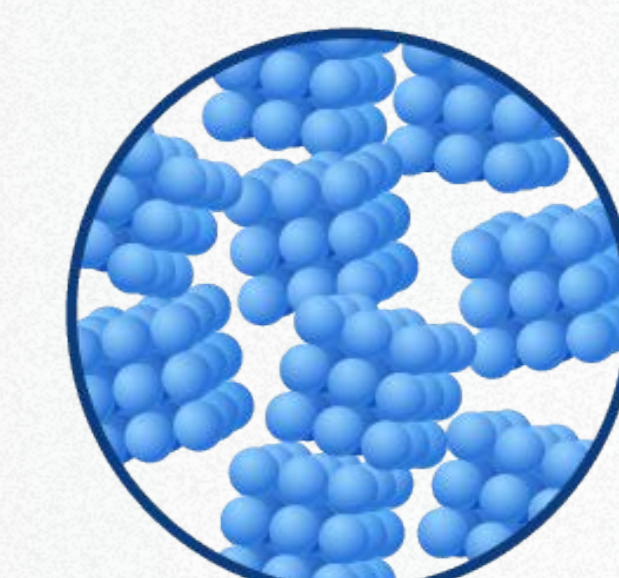
liquid



liquid state



solid



solid state

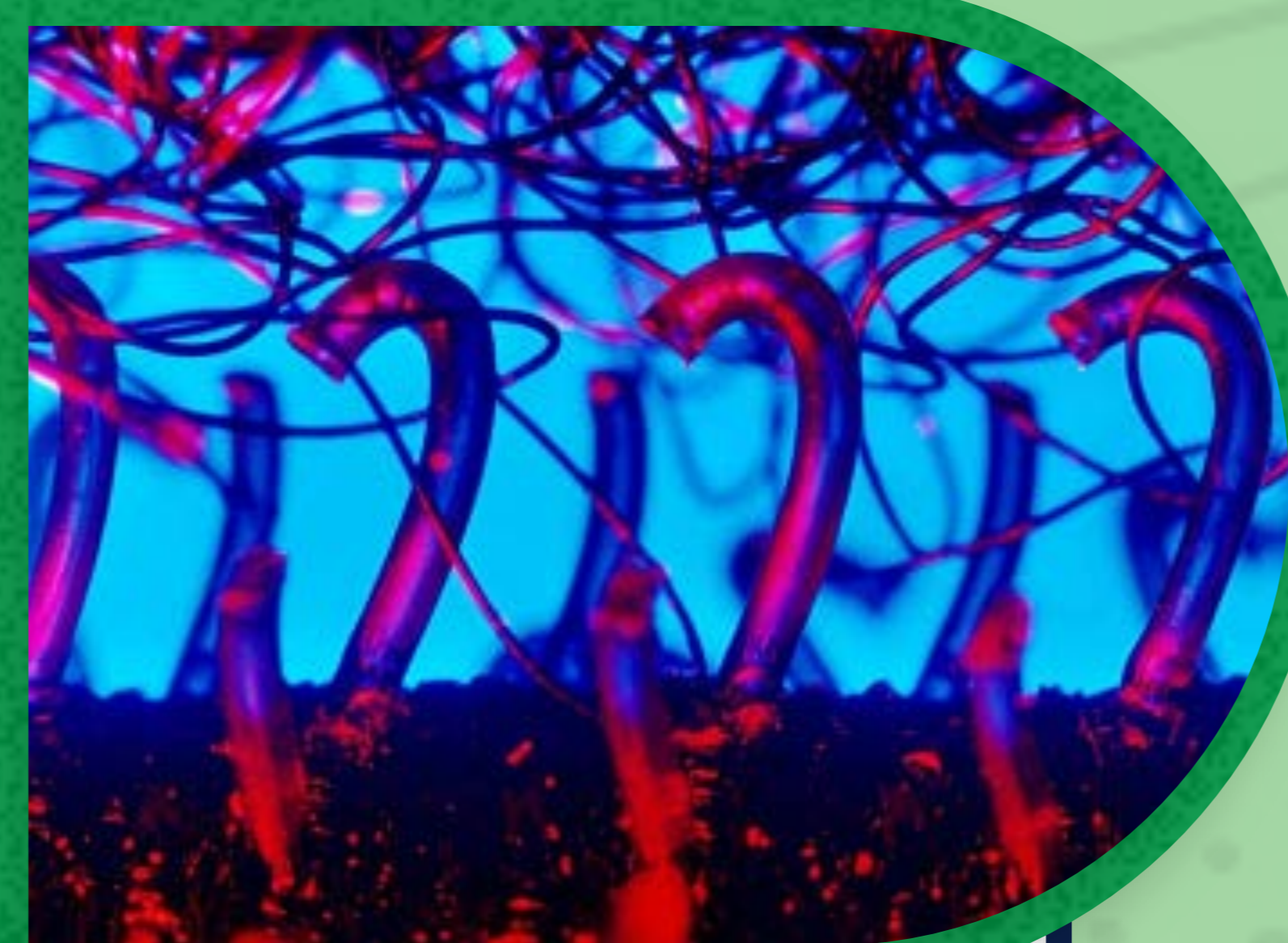
hot cool



velcro normal view



microscope



velcro under microscope

a tool that scientists use to look closely at very tiny things