

**Key vocabulary for Materials and their properties topic**

Hard	solid, firm and rigid; not easily broken, bent or pierced
Permeable	a material that allows liquids or gases to pass through it
Soluble	a substance that can be dissolved, especially in water
Transparent	a material that allows light to pass through it and is see-through
Opaque	a material you cannot see through
Translucent	a material that allows light, but not detailed shapes to pass through
Electrical conductor	a material that allows electricity to flow through it
Magnetic	is attracted by or can acquire the properties of a magnet
Liquid	a substance that flows freely, but has a constant volume
Solid	a substance this is firm and stable in shape
Gas	an air-like fluid substance which expands freely to fill any space