

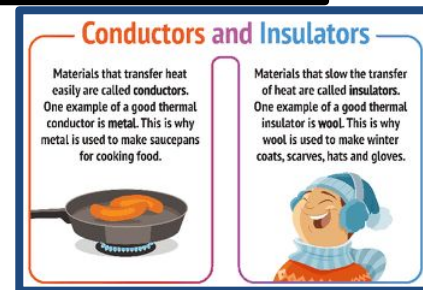
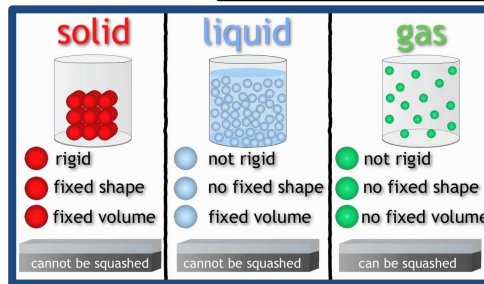
Spring 1: Materials

Vocabulary

Word	Meaning
Magnetism	The force of attraction or repulsion between substances made of certain materials.
Electrical Conductivity	Electrical conductivity is all about how easy it is for electricity to pass through a material. If it is a good electrical conductor, it lets electricity pass through easily – like a copper wire.
Thermal Conductivity	Thermal conductivity refers to the ability of a given material to conduct/transfer heat.
Dissolve	When a substance dissolves, it might look like it has disappeared, but in fact it has just mixed with the water to make a transparent (see-through) liquid called a solution. Substances that dissolve in water are called soluble substances.
solution	A solution is a mixture of two or more substances that stays evenly mixed. Substances that are combined to form a solution do not change into new substances
Transparency	If an object or material is transparent, it means light completely passes through it, and you can see clearly through it.

Key learning

Different materials are used for particular jobs based on their properties: electrical conductivity, flexibility, hardness, insulators, magnetism, solubility, thermal conductivity, transparency.



In comparative tests we compare one event with another and identify different outcomes. With fair tests we look to identify a causal relationship between two variables.

