













Science Knowledge Organiser—Year 5/6 Cycle A



St Mary's &
St Benedict's
RC Primary School

Material Properties

	conductive
	magnetic
	thermal
	conduction
	hardness
	force
	dissolve
	solute
	solvent
	substance
	filtering
	evaporation

Properties of Materials	
conducts energy	
insulates energy	
transparent	
waterproof	
durable (strong)	
magnetic	

Everyday Materials

Metal saucepans **conduct** heat to warm food.



Wooden spoons and plastic handles **insulate** heat so hands do not get burned.

Soluble Materials

Some solids **dissolve** in water (**SOLUBLE**).

coffee sugar salt jelly




Some solids do not **dissolve** in water (**INSOLUBLE**).

pepper sand wax

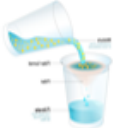


Separating Materials


Sieving



Filtering



Magnetism



Magnetic metals:

- iron
- nickel
- steel