## **Knowledge Organiser: Year 5 Properties of Materials**

## Lesson Sequence

1. Use evaporation to recover the solute from a solution

3. Observe chemical reactions and describe how we know new materials are made

reversible changes

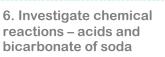
2. Recognise and describe

4. Investigate rusting

reactions

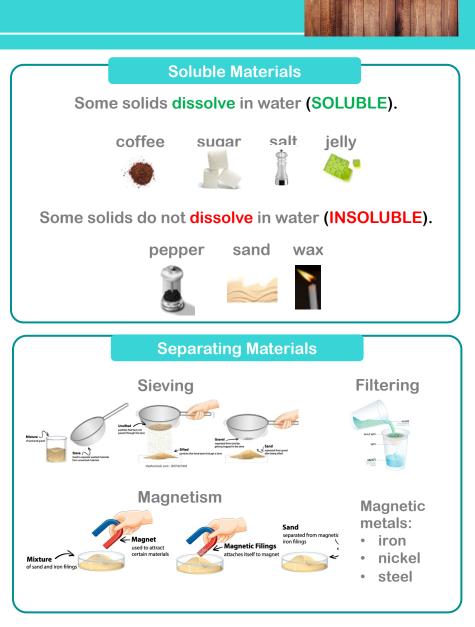
5. Investigate burning reactions

bicarbonate of soda



Properties of Materials	
conducts energy	<b>_</b>
insulates energy	
transparent	
waterproof	K
durable (strong)	( <b>G</b> ))
magnetic	C
Everyday Materials	
Metal saucepans <mark>conduct</mark> heat to warm food.	
Wooden spoons and plastic handles insulate heat so	

hands do not get burned.



Knowledge Organiser: Year 5 Properties of Materials Before & After Test

Label the 2 materials used to make this wire.

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Explain why the properties of these materials make it a good choice for its purpose.

Nahim wants to carry out a fair test to see which solids dissolve in water. Name 2 variables he must keep the same to make it a

fair test.

2.

1.\_\_\_\_\_

What is the variable that he must change?

