


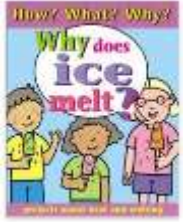
Properties and Changes of Materials: KS2 Knowledge Mat

Subject Specific Vocabulary	
materials	The substance or matter from which things are made
properties	Words to describe materials.
reversible	A change that can be changed back (reversed).
irreversible	A change that cannot be changed back (not reversed).
dissolving	When a substance mixes completely with a liquid.
melting	When a solid becomes a liquid due to a change in temperature.
freezing	When a liquid becomes a solid due to a change in temperature.
evaporate	When a liquid becomes a gas due to a change in temperature.
investigate	To find something out.
forensic	Using scientific tests, techniques or methods.
evidence	Proof.



What we need to know about properties and changes of materials.

- You can describe and group materials by their properties.
- Some changes form new materials, and this kind of change is not usually reversible.
- Dissolving, mixing and changes of state are reversible changes.
- Some materials will dissolve in liquid to form a solution.

Exciting Books
 
Sticky Knowledge
<ul style="list-style-type: none"> ✓ Water's freezing temperature is 0°C. ✓ A liquid can change its shape depending on the container it's poured in to. ✓ Water's boiling temperature is 100°C. ✓ A burning candle is a solid, liquid and a gas.