

STATES OF MATTER



CHEMISTRY

Written (W) report, experiment, letter etc. **Discussion (D)** Summary of learning. **Practical (P)** with photo and summary.

<u>National curriculum objective</u>	<u>Date completed</u>	<u>Activities</u>
Compare and group materials together, according to whether they are solids, liquids or gases.		
Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C).		

Key Vocabulary (topic words must be spelt correctly throughout topic)

solids	matter	gases	temperature
mixture	heating	cooling	separate
volume	liquids	material	change

Glossary of key terms you want to remember

Matter	
Volume	

Questions that you need to be able to answer by the end of the topic

- Can I identify a range of materials which are solids liquids and gasses?
- How do they differ in the way that they behave? What are their properties?
 - What criteria would I use to group solids, liquids and gasses?
 - Do I know what methods can be used to separate solids and liquids?
 - What is the meaning of 'change of state'?
- Do I know that the volume of a liquid does not change when transferred to another container?
 - How can I experiment to find the impact of heating on change of state?