



Whitely Memorial C of E School



'Believe to Achieve'

'I can do all things through him who strengthens me.' ~Philippians 4:13

We believe that all children regardless of their social and emotional backgrounds can all thrive and achieve anything their heart desires through developing the correct mindset, self-belief, being taught the knowledge and skills to do this and the love of God.

Curriculum Planning Subject: **SCIENCE**

Unit: STATES OF MATTER

Y1	Y2	Y3	Y4	Y5	Y6
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Year Group	YEAR 4
Prior Learning	Year 1- Everyday materials Names and simple properties of everyday materials. Year 2- Use of everyday materials Suitability of everyday materials. Year 3- Rocks Properties of rocks
Key Learning: National Curriculum knowledge covered	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) Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature
Key Progressive Skills: National Curriculum skills covered	Compare, group, observe, measure, investigate, and use thermometers/ data loggers. Gather, record, classify, present data. Comparative tests, fair test, observations.

Key Vocabulary National Curriculum and other	Solid, liquid, gas, condensation, dissolve, solidify, solution, evaporate, degrees Celsius, changing state, particle, properties, vapour, water cycle
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