



Y4 - STATES OF MATTER

VOCABULARY

Tier 2 (Academic) Vocabulary:

Measure, observe, compare, state, process, rate, cycle, investigate

Tier 3 (Subject Specific) Vocabulary:

Solid, liquid, gas, evaporation, condensation, particle, temperature, freezing, heating, melt, degree Celsius, boil, freeze, solidify, semisolids, materials, water cycle, rain, water, precipitation, heat, cool, collection, water vapour

WHAT DO I ALREADY KNOW?

I know about everyday materials, testing physical properties and changing shapes through forces from Y2

KNOWLEDGE	SKILL
• I can compare and classify materials by solid, liquid, and gas state properties.	CLASSIFYING
• I can observe phase changes (melting, freezing, solidifying) under temperature changes. .	OBSERVING OVER TIME
• I can measure melting points of different materials accurately in °C. .	COMPARATIVE TESTING
• I can investigate how temperature affects the rate of evaporation .	COMPARATIVE TESTING
• I can investigate condensation on cold surfaces .	OBSERVING
• I can model and describe the stages of the water cycle .	MODELLING