

TSS Primary Science MTP 2022-2023 Year 5 Block 3 – Chemistry



rkKey Targets and Learning C	Objectives		Key Activities	Equipment
 Use the particle model to describe (including solutions) and gases Understand that substances can be know the common gases at room (limited to oxygen, carbon dioxide nitrogen and hydrogen) Know that the ability of a solid to ability of a liquid to act as a solver of the solid and liquid Know the main properties of water boiling point, melting point, expansiolidifies, and it's ability to dissolve substances) and know that water from many other substances Describe the processes of evaporation condensation, using the particle relating the processes to changes Understand that dissolving is a reand investigate how to separate the solute after a solution is formed Investigate and describe the processor of the p	dissolve and the et arange of acts differently ation and model and in temperature eversible process the solvent and eess of dissolving, to represent and	melting point, boil Lesson 2 – Make at Lesson 3 – make at Lesson 4 – Look at in nappies to absorb Lesson 5 – Using of companies doing st Lesson 6 – End of melting – e.g. choos	stic assessment. Looking at the properties of water. Investigate the ling point and what happens to water when it is frozen. I model of the water cycle and explain evaporation and condensation. I solution (water + salt) and then try to reverse the process. It reversable and irreversible changes. Children use sodium polyacrylate or water and then leave to evaporate. Ilifferent materials to filter dirty water – link to environmental similar things. Is block assessment. Create their own confectionary using mixing and colate coated peppermint creams. In the provide the best insulation?	 Bowl Clingfilm Kettle Nappies Funnels and filter paper Various materials to test insulation Icing sugar Chocolate Eggs Peppermint essence
Key vocabulary States of matter, atmosphere, compressed, pollute, pollution, properties, boiling, freezing, melting, thermometer, temperature, evaporation,	melting of t	warming to the the ice caps and on effect this has	Integration of technology - iPads for use in research - Recording videos of chemical change to watch in slow-mo	



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condensation, water cycle		