



TSS Primary Science 2020-2021 Year 6 Block 3 Material Changes

Block	Unit	Key Targets and Learning Objectives	Key Activities	Key vocabulary
Working Scientifically		<ul style="list-style-type: none"> ➤ Can plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary. ➤ Can record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs. 		
3	Material Changes	<ul style="list-style-type: none"> ➤ Distinguish between reversible and irreversible changes. ➤ Identify soluble and insoluble materials. ➤ Understand that dissolving and evaporation are reversible and inverse reactions. 	<ul style="list-style-type: none"> ➤ Demonstrate reversible changes with water (freezing, melting, evaporating) ➤ Demonstrate irreversible changes and chemical reactions ➤ Consider and investigate slower irreversible changes, such as rusting and those caused by acid rain. ➤ Investigate dissolving ➤ Plan and carry out a fair test into the dissolving of solids and their recovery by evaporation. 	melting freezing chemical reaction dissolve evaporate evaporation condensation filter solution soluble solvent solute mixture suspension reversible irreversible effervesce substance material
		Going Green Link: What is acid rain? What happens when we burn fossil fuels?	Integration of technology: Document investigations, using tablets. -Use Quizlet to revise key vocabulary.	