



TSS Primary Science 2020-2021 Year 5 Block 1&2 Plants

Block	Unit	Key Targets and Learning Objectives	Key Activities		Key vocabulary	
Working Scientifically		<ul style="list-style-type: none"> ➤ Draw conclusions and relate these to scientific knowledge and understanding ➤ To carry out a fair test in which only one factor changes. 				
1&2	Plants	<p>Block 1</p> <ul style="list-style-type: none"> ➤ Identify, label and explain the function of the different parts of a plant ➤ Explain 3 ways in which plants can reproduce ➤ Label a cross-section of a flower ➤ Explain what happens during the fertilisation (reproduction?) process ➤ Explain how plants can disperse seeds in different ways <p>Block 2</p> <ul style="list-style-type: none"> ➤ Explain how plants can disperse seeds in different ways –wind, explosion, water ➤ Explain how plants can disperse seeds in different ways - animals ➤ Discuss the factors that affect plant growth. ➤ Explain why each of the stages of the plant life cycle is important. 	<ul style="list-style-type: none"> ➤ To revise prior knowledge of what they know about plant growth. ➤ To label different flowering parts, sorting them into groups and explaining their function. ➤ To classify and group them according to their structure. ➤ To carry out a seed dispersal experiment, using fair testing. ➤ To measure accurately, make observations discuss their results and findings. 	<p>Going Green Link: Children discuss the vital role bees play in our environment and the ecosystem. Children are encouraged to grow their own plants at home to attract bees, butterflies and other pollinators.</p>	<p>Integration of technology: Use videos to explore pollination and seed dispersal.</p>	Reproduction, life cycle, stamen, style, stigma, sepal, petal, ovary, pollen, anther, filament, germination, pollination, fertilisation, dispersal.