



ALMOND HILL JUNIOR SCHOOL MEDIUM TERM PLAN

TOPIC TITLE/SUBJECT: Plants

YEAR GROUP: 3

TERM Summer 1

<p>Vocabulary roots, stem, leaves, flower, petals, nutrients, minerals, pollen, pollination, seed, dispersal, absorb, life cycle,</p> <p><i>Enquiry skills:</i> classify, group, fair test, investigate, prediction, observe, record, results, table, measure, conclusion</p>	<p>Skills (key skills for the unit in bold)</p> <p><i>Enquiry skills:</i></p> <ul style="list-style-type: none"> • Designing a fair test. • Asking relevant questions. • Observing outcomes over time. • Taking accurate measurements. • Gather, record and interpret data accurately in a variety of ways. • Characterising and identifying difference, similarities or changes. • Drawing conclusions <div style="border: 1px solid black; padding: 5px;"> <p>Application/ Outcomes</p> <ul style="list-style-type: none"> • Observe and identify parts of a plant and their functions. • Plan and carry out a fair test exploring what a plant needs to grow. Observe plant growth over time. • Investigate how a plant absorbs water. • Describe why plants need flowers and the role of pollination. • Recognise that plants form a seed as part of their life cycle and explore different ways seeds are dispersed. • Explaining what different plants look like/their features • Plants in our local environment </div>	<p>What we already know</p> <p>From previous learning at KS1 or personal interests outside of school, some children may know:</p> <ul style="list-style-type: none"> • What different plants look like and possibly the names of parts of plants. • How to grow plants (from seed or as a young plant) • Caring for plants at home <p><u>KS1 – Knowledge</u></p> <ul style="list-style-type: none"> • Y2/Sp2 – Seeds grow into adult plants • Y2/Sp2 – Can a plant survive on Mars? • Y2/Sp2 – Plants need water, light and a suitable temperature to grow and stay healthy • Y2/Su2 – How plants change over time • Y2/Su2 – Identify and name a variety of plants <p><u>KS1 – Enquiry/working scientifically skills</u></p> <ul style="list-style-type: none"> • Y2/A1 - Observing first-hand experiences • Y2/Sp2 - Observe and describe <p><u>KS2 – Knowledge and Skills</u></p> <ul style="list-style-type: none"> • Y3/A2 – Rocks – Observe over time • Gathering data / creating and interpreting bar charts (Maths) • Measurements – rulers (Maths)
<p>Other/Cross Curricular Links/Adaptation for SEND</p> <p>Maths – Statistics – interpret and present data using bar charts, pictograms and tables SEND Adaptations – word-banks, image-mats, mixed ability pairings, varying outcomes</p>		<p>Concepts</p> <ul style="list-style-type: none"> • Parts of a plant and their functions. • What a plant needs to grow and survive. • Life cycle of a plant including: <ul style="list-style-type: none"> ○ How a plant reproduces and the role of pollination. ○ Seed formation and dispersal.