



Summer 1	Plants					
Prior learning	EYFS - Discover that plants are living things, learn where they come from, explore how to look after plants.					
Lesson objective	Understand that seeds grow into plants	Identify the basic parts of a plant and tree	Understand that different plants can grow in the same environment	Know the difference between deciduous and evergreen trees	Know that fruit trees and vegetables are varieties of plants	Record the growth of a plant
Key vocabulary	seed plant tree soil predict	stem petal leaf root flower	environment weed daisy dandelion wild	deciduous evergreen seasons branch bush	supermarket fruit vegetable farm tractor	growth seedling young plant adult plant observe
Creative context	Jack and the Beanstalk					
Substantive knowledge	Become familiar with common names of flowers and plant structures including seeds	Identify and describe the basic structure of a variety of common flowering plants, including trees Become familiar with common names of flowers and plant structures	Identify and name a variety of common wild and garden plants	Identify and name a variety of deciduous and evergreen trees	Understand how plants change over time	Observe the growth of planted flowers Become familiar with plant structures Keep records of how plants change over time
Disciplinary knowledge	Ask simple questions Observe closely and use simple equipment Use their observations and ideas to suggest answers to questions	Identify and classify	Identify and classify Gather and record data	Observe closely, using simple equipment	Observe closely Identify and classify Use their observations and ideas to suggest answers to questions Gather and record data to help in answering questions	Observe closely Gather and record data



<p>Recorded learning</p>	<p>Observe, touch and describe a variety of seeds. Compare and contrast. Plant a variety of seeds - sunflowers, cosmos, dandelions, tomato seeds, beans and vegetable seeds. Draw a series of pictures on storyboards to explain how to plant a seed. Ask questions and make predictions.</p> <p>Each lesson, take photographs of the planted seeds, as these will be needed for lesson 6.</p>	<p>Label the parts of the plant on the handout (or draw a plant diagram). Additional task, draw or use cut-out coloured cards to create own flowers, using the real flowers for observation and label.</p> <p>Challenge Task: Apply knowledge and identify the parts of a tree.</p>	<p>Take a walk in your local area/school grounds to observe the wild flowers that are growing. Children to draw the flowers they see. Classify and sort the plants by colour.</p> <p>Challenge Task: Sort flowers according to different criteria, such as size or features? For example, do they have spiky leaves or petals? Are they smooth or prickly? Can they find a way to present their classifications?</p>	<p>Use the handout (Developing Experts) to draw pictures to show how a deciduous tree changes throughout the seasons.</p> <p>Challenge Task: Cut out the pictures provided and make a storyboard called 'A year in the life of a tree'.</p>	<p>Have a selection of seeds and stones from various fruits and vegetables and the matching fruit or vegetable. Or pictures of each one.</p> <p>Match the seed to the fruit or vegetable and record predictions on the handout. Then cut open the fruit or vegetable to see if correct and record this on sheets (this can also be an opportunity for the children to taste the fruits/vegetables if possible).</p> <p>Challenge Task: Are there plants that we grow and eat, that don't have seeds.</p>	<p>Using the photographs of the seeds that have been taken over the unit, order the photos to show how their seeds grew. Draw and label their plant, to show their knowledge of the structure of a plant.</p> <p>Challenge Task: Explain any parts of their plant that are missing (not grown yet). Can they draw what they think their plant may look like when it is fully grown?</p>
<p>Future learning</p>	<p>Plants: Year 2 - Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy Year 3 - Compare the effect of different factors on plant growth, lifecycle of flowering plants</p>					