

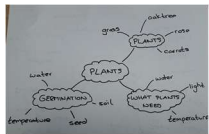
## YEAR 2

	EYFS	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
PLANTS BIOLOGY	<p>The three <b>Prime ELGs</b> of <b>Communication &amp; Language, PSED and Physical Development</b> provide the foundations of which all other learning is built upon.</p> <p><b>Specific:</b> <b>The Natural World ELG</b></p> <p>Explore the natural world around them, making observations and drawing pictures of animals and plants. Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class. Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter</p>	<p>Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees</p> <p>Identify and describe the basic structure of a variety of common flowering plants, including trees.</p>	<p>Observe and describe how seeds and bulbs grow into mature plants</p> <p>Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.</p>	<p>Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers</p> <p>Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant</p> <p>Investigate the way in which water is transported within plants</p> <p>Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.</p>			

### PLANTS COMPOSITES

Observe and describe how seeds and bulbs grow into mature plants  
Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.

## COMPONENTS

	1	2	3	4	5	6	End Point
	What do plants need to grow?	What do seeds need to germinate?	What is germination?	What do bulbs need to grow?	How do seeds and bulbs grow into mature plants?	What do plants need to stay healthy?	Children will have grown a healthy plant from a seed or bulb
<b>CONCEPTS</b> 	FUNCTIONS CHANGE AND GROWTH	FUNCTIONS CHANGE AND GROWTH	FUNCTIONS CHANGE AND GROWTH	FUNCTIONS CHANGE AND GROWTH	FUNCTIONS CHANGE AND GROWTH	FUNCTIONS CHANGE AND GROWTH	Understand that plants grow from seeds and bulbs. Understand what plants need to be healthy
<b>SKILLS</b>	Identify what plants need to be able to grow	Identify what seeds need to germinate. Observe the stages of germination	Observe and identify the stages of germination	Observe and identify the stages of plant growth	Observe and describe how seeds and bulbs grow into healthy plants	Explore and describe how plants need water, light and a suitable temperature to grow and stay healthy.	Identify and observe the different stages of how plants grow. Identify what plants need to be healthy.
<b>KNOWLEDGE</b> <a href="https://www.twinkl.co.uk/resource/science-knowledge-organiser-plants-year-2-t-sc-2549657">https://www.twinkl.co.uk/resource/science-knowledge-organiser-plants-year-2-t-sc-2549657</a>	Plants need water, light and a suitable temperature to grow.	Seeds germinate. They need the right conditions to germinate.	Seeds germinate. Seeds need the right conditions to germinate.	Plants can grow from bulbs. Bulbs need the right conditions to grow	Plants grow from seeds or bulbs. Plants grow in different ways	Plants need water, light and a suitable temperature to grow and be healthy	Plants grow from seeds and bulbs. They need certain conditions to grow healthily.
<b>LESSON LINK</b>	<a href="#">MTP Term 5 and 6</a>	<a href="#">MTP Term 5 and 6</a>	<a href="#">MTP Term 5 and 6</a>	<a href="#">MTP Term 5 and 6</a>	<a href="#">MTP Term 5 and 6</a>	<a href="#">MTP Term 5 and 6</a>	
<b>PROGRESSIVE VOCABULARY</b>	plant mature grow water light temperature	plant seed grow water light temperature	plant seed grow water light temperature	plant bulb grow water light temperature	plant bulb grow water light temperature	plant bulb grow water light temperature	Articulate and recognise subject specific vocabulary
<b>CURRICULUM EXPERIENCES</b>		Planting, growing, tending to and observing plants grow from seeds and bulbs.	Planting, growing, tending to and observing plants grow from seeds and bulbs.				Planting, growing, tending to and observing plants grow from seeds and bulbs.
<b>END POINT</b>	Children will be able to identify	Children will know that seeds germinate to become plants	Children will be able to identify the stages of germination	Children will know that bulbs grow to become plants	Children will be able to identify what plants need to grow	Children will be able to identify what plants need to grow	

	what plants need to grow						
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**BIRCHINGTON**



**CHURCH OF ENGLAND PRIMARY**