

Year 2 – Plants

Working Scientifically	Sticky Knowledge	Linked Texts	Key Scientists
- Recall and use specific scientific vocabulary accurately (year group key vocabulary). - Ask simple questions and recognise answer many differ, use simple secondary sources. - Observe closing, using simple equipment. - Perform simple tests. - Identify and classify. - Use their observations and ideas to suggest answers to questions. - Gather and record data to help in answering questions. - Record and communicate findings using simple scientific vocabulary.	Plants grow from seeds/bulbs Plants need light, water and warmth to grow and survive Flowers make seeds to make more plants (reproduce) Plants are important We need plants to survive (to clean air, to eat) We can eat different parts of the plants (leaves, stems, roots, seeds, fruit) From Yr 1 - Plants grow from seeds/bulbs - Plants need light and water to grow and survive - Plants are important - We can eat lots of plants	The Tin Forest (Helen Ward) Jack and the Beanstalk (Richard Walker) Ten Seeds (Ruth Brown) A Seed Is Sleepy (Dianna Aston)	Agnes Arber (Botanist) Joseph Banks (Naturalist who worked with Captain Cook)
Key Question(s):	Key Question(s):	WS vocabulary	
Can you describe the function of four different parts of a plant? Can you name three things plants need to survive? Can you explain how bulbs grow into plants? Why is having a suitable temperature important when growing a plant? How do plants stay healthy?	Do cress produce seeds, how could we find out? Do all plants produce flowers and seeds? What is different between freshly cut and planted flowers? Do plants flower all year round? What are flowers for? What happens to a plant after it has produced seeds?	Investigation, enquiry, what to change, what we used, what we did, what we found out, chart, table, group, compare, observe, sort, classify, record, accuracy, test	

Teaching suggestions in Enquiry types

<u>Comparative tests</u>	<u>Identify & Classify</u>	<u>Observation over time</u>	<u>Pattern Seeking</u>	<u>Research</u>	<u>BIG Question – Problem solving</u>
Do cress seeds grow quicker inside or outside? 	How can we identify the trees that we observed on our tree hunt? 	What happens to my bean after I have planted it? 	Do bigger seeds grow into bigger plants? 	How does a cactus survive in a desert with no water? 	What should I do to grow a healthy plant? (Also use EXPLORIFY) <u>Assessment Opportunity</u> 