

Science – Plants

Year Two



Root

Stem

Leaf

Pollination

Identify

Nutrients

Deciduous

Evergreen

Dispersal

By the end of this unit, you will understand the different conditions plants need to grow best. You will be able to identify local plants and find out about plants from India.

Important information



During this unit of work, you will use the knowledge you gained last half term to go even deeper in your learning about plants. You will complete a comparative experiment to see which factor is most important for a plant to grow, water or sunlight. You will also look at how plants spread and reproduce. Where do new plants come from?



You will then look at different kinds of tree that grow around our school and in our local area. You will start to learn how to identify them using their leaves. You will then be plant researchers and find out about plants that live and grow in India. You will think about how they are different to plants that grow here and why this might be the case.



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	Lesson Question	What you will learn	Learning Review
1	Is water or light more important for a plant to grow?	You will plant four seeds. One will receive light and water, one just light, one just water and one will get no light or water. You will predict which plants will grow the best and why.	
2	What are the different parts of a plant and what do they do?	You will recap the parts of the plant and what they do based on your learning from before Easter. You will annotate an image to show to show this.	
3	How do plant seeds spread?	You will learn the definitions of the words pollination and dispersal. You will learn how plants produce new seeds and how these seeds are spread.	
4	Can you research different plants that grow in India?	You will learn about some examples of plants that grow in India. You will research these plants for yourself and find information about them. How are the plants in India different to plants here? Why do you think this is the case?	
5	Can you identify local trees using their leaves?	You will look at the how different trees have different shaped leaves. You will use an identification sheet to identify our local trees using the leaves.	
6	What are the results of the comparative test?	You will look at the seeds that we planted in week one. Which grew the best? Which factor is most important, water or sunlight?	