

Knowledge Organiser



Year 2, Spring 2: Plants
Science Strand: Biology
Whole School Topic: Discover the Wonders of the World

Key Vocabulary

| | |
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| bud | growth on a plant that develops into a stem, leaf or shoot |
| bulb | a root shaped like an onion that grows into a new plant |
| germinate | when a seed begins to grow its shoots. Seeds need warmth to germinate. |
| seed | part of a flowering plant that grows into a new plant |
| seedling | a young plant that has grown from a seed |

Scientific Enquiry Approaches that we can use this term:



What will I know about plants by the end of this topic?

- Plants are living things and require things to grow.
- Plants need water, light and a suitable temperature to grow and stay healthy.
- Plants can grow from seeds or bulbs.
- Plants germinate and grow at different rates.

Plants can grow from seeds or bulbs.



Seeds and bulbs germinate to grow into seedlings.

Seedlings then grow into mature plants



seedling



mature plant



Some plants grow best in the shade.



Some plants grow best in full sun



Some plants do not need much water



Some plants need lots of water.

What do plants need to grow and stay healthy?



water

light

a suitable temperature

space