

Science Knowledge Organiser

Year 2

Summer (ii)

How do our senses help us?

Substantive Knowledge

Green plants need water, light and a suitable temperature to thrive.
Plants change over time.

To observe and describe how seeds and bulbs grow into mature plants.



My plant has My plant has My plant has My plant has

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To recall how plants need water, light and a suitable temperature to grow and stay healthy.



Water



Light



Air

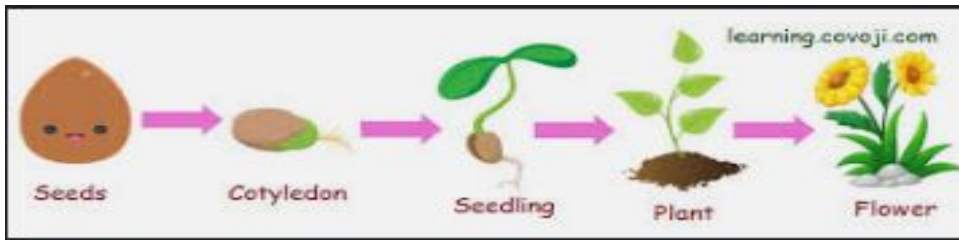


Space to grow



Nutrients

To know how a variety of plants change over time from a seed or bulb.



To make observations about similar plants at different stages of growth.



I observe that one plant has germinated and has roots and a small stem.

I observe that one plant has larger roots, a long stem and many leaves.

To set up a comparative test to show that plants need water to stay healthy

Conditions	Results
Water	
No water	

The seed that had water has grown roots and a stem.

The seed that had no water has stayed the same.

This shows that seeds need water in order to germinate.



Water



Light



Correct temperature

Portable Knowledge – What we need to remember

Green plants need water, light and a suitable temperature to thrive. Plants change over time.

Core Vocabulary:

observe - To look at something and notice its changes.

describe - To give a detailed account in words.

compare - looking at what is the same and different in two things