



Plants

YEAR 2 SCIENCE

National Curriculum expectations: Science—Plants

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

Ask simple questions and recognising that they can be answered in different ways.

Observe closely, using simple equipment

Identify and classify

Use their observations and ideas to suggest answers to questions

germination	When the conditions are right, the seed soaks up water and swells, and the tiny new plant bursts out of its shell. This is called germination .
sprout	When a plant sprouts , it grows new shoots .
shoot	A shoot grows upwards from the seed or plant to find sunlight .
seed dispersal	Seed dispersal is when the seeds move away from the parent plant. They can be moved by the wind or animals.

What do plants need to grow well?

sunlight	All plants need light from the sun to grow well. Some plants need lots of sunlight . Some plants only need a little sunlight .
water	All plants need water to grow. Without water , seeds and bulbs will not germinate .
temperature	Temperature is how warm or cold something or somewhere is. Some plants like cooler temperatures and some like warmer temperatures .
nutrition	Food or nourishment. Plants make their own food in their leaves using sunlight .

Useful websites

- <https://www.bbc.co.uk/bitesize/topics/zpxnyrd>
- <https://www.topmarks.co.uk/Interactive.aspx?cat=64>

