

Plants- Year 2- Kapow unit- Plant growth

Previous learning

Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees

Identify and describe the basic structure of a variety of common flowering plants, including trees.

Key scientists you could look at...

Agnes Arber- British plant morphologist and anatomist

Scientific skills

Working scientifically	Questioning and enquiry	Observing and measuring	Investigating	Recording	Grouping and classifying
To use practical scientific methods, processes and skills with increasing confidence	Ask questions about the world around us	Observe closely, using simple equipment Use observations and ideas to suggest answers to questions	perform simple tests. To discuss my ideas about how to find things out To say what happened in my investigation	Gather and record data to help in answering questions. Record simple data Record and communicate their findings in a range of ways Can show my results in a table that my teacher has provided.	Identify and classify Observe and identify, compare and describe

Key Vocabulary for Year 2

Seeds	
Bulbs	
Water	
Light	
Temperature	
Growth	

Previous vocabulary

Deciduous, evergreen trees, leaves, flowers, blossom, petals, fruit, roots, bulb, seed, trunk, branches and stem

Useful links

<https://www.stem.org.uk/resources/community/collecion/13299/year-2-plants>

https://www.outstandingscience.co.uk/index.php?action=view_page&page=view_unit&unit=2b

<https://www.hamilton-trust.org.uk/science/year-2-science/plants-ready-steady-grow/>

Experiment and activity ideas

Growing seeds to demonstrate germination	Time lapse videos to show growth of plants	Plant lifecycles	Types of seed investigation and the conditions needed for growth	Cress heads
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Knowledge- objectives

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.

Resources in school

Use of the forest school site to observe plants in their natural habitats, magnifying glasses.

