

Plants- Year 1- Kapow unit- Plants: Introduction to plants

Previous learning

EYFS- ask questions about the natural world. Can talk about some of the things that he/she has observed such as plants, animals and natural things. Is developing an understanding of growth, decay and changes over time. Shows a care for living things and the environment. Makes observations of animals and plants and explains why some things occur, and talk about changes. Growing seeds.

Key Vocabulary for Year 1

Deciduous	Seed
Evergreen trees	Trunk
Leaves	Branches
Flowers	Stem
Blossom	
Petals	
Fruit	
Roots	
bulb	

Previous vocabulary

Trees, plants

Useful links

- <https://www.science-sparks.com/plant-science-for-key-stage-1/>
- <https://www.stem.org.uk/resources/community/collecion/12534/year-1-plants>
- <https://www.plt.org/educator-tips/easy-plant-science-experiments-for-the-classroom/>
- <http://www.coreknowledge.org.uk/resources/Science%20Resource%20Pack%20-%20Year%201-%20Plants.pdf>

Key scientists you could look at...

Carl Linnaeus- Botanist- found system for naming plants

Scientific skills

Working scientifically	Questioning and enquiry	Observing and measuring	Investigating	Recording	Grouping and classifying
Use practical scientific methods, processes and skills	Ask simple questions about the world around us	Begin to observe closely, using simple equipment Use simple observations and ideas to suggest answers to questions	Perform simple tests with support Begin to discuss ideas about how to find things out Begin to say what happened in my investigations	Gather and record data with some adult support to help to answer questions Begin to record simple data Begin to record and communicate their findings in a range of ways Show results in a simple table that my teacher has provided	Identify and classify with some support Begin to observe and identify, compare and describe Begin to use simple features to compare objects, materials and living things, and with help, decide how to sort and group them.

Experiment and game ideas

Plant/tree hunt at forest school	Growing seeds such as beans in clear sandwich bags	Flower press-label basic parts of plants	Plant dissection	Fine motor tray, remove different parts of plant with tweezers
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Knowledge- objectives

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.

Resources in school

View finders, magnifying glasses, microscopes with slides, petri dishes,



Carl Linnaeus