

The Flourish Federation—Knowledge Organiser

Brookfield Infant and Junior Schools



Science Focus:

Plants

Year 1

Term 5/6

What? (Key Knowledge) Activities

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

Collect samples of flowers, plants and leaves from the local environment.

Use an app or webpage such as www.shootgardening.co.uk/plant/identify to find out what plants are growing. Can you find out which are wild /which have been planted?

Collect a selection leaves from trees. Look for other signs such as flowers you can use to identify.

Use an identification sheet or https://www.woodlandtrust.org.uk/trees-woods-and-wildlife/british-trees/how-to-identify-trees/?gclid=EAIaIQobChMIjqCX2-jG6AIVVeDtCh2FAQKeE-AAYASAAEgJZi_D_BwE&gclid=aw.ds to help you find out what type of tree is it and whether it is evergreen or deciduous.

Identify and describe the basic structure of a variety of common plants including roots, stem, trunk, leaves, flowers

Look at different examples of plants. Use post it notes to label the different parts of a plant and the jobs each part does.

Watch bbc bitesize- parts of a plant

<https://www.bbc.co.uk/bitesize/topics/zpxnyrd/articles/z3wpsbk>

What? (Key Vocabulary)

Spelling

Definition

Deciduous trees

Trees that have leaves that change colour and fall off in Autumn.

Evergreen

Trees whose leaves remain green and stay on the tree all year round.

wild plant

A plant that grows naturally without be planted.

shoots

New growth in a plant such as a stem on a leaf

roots

The parts of a plant that grow underground and feed the plant by sucking up water and nutrients.

bud

A small growth at the tip or on the side of a stem that later develops into a flower, leaf, or branch. Or a flower that has not fully opened.

Who? (Key People)

Charles Darwin
1809-1882

A famous naturalist, geologist and biologist, known for his 'thinking walks' where he would observe and discover and find out about

David Attenborough
1926-

- famous for his nature documentaries. Studied plants and animals in the natural world.

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ICT Opportunities

Using I-pads to find and photograph different materials in the local environment.

Use woodland trust tree app on ipads to help identify trees by their leaves



Cross - Curriculum Links

Art— DT sketch different flowers. Make a garden collage using natural materials including flowers, leaves, sticks etc, bark rubbing

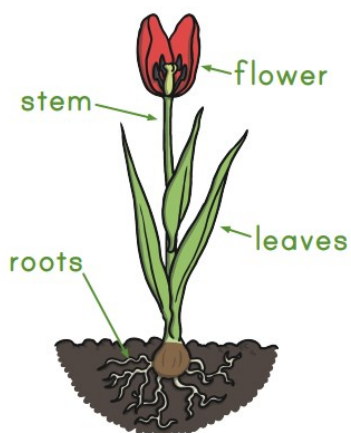
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Visuals

Tree Identification Sheet

beech ☐	ash ☐	holly ☐	lime ☐
hazel ☐	larch ☐	elder ☐	birch ☐
sycamore ☐	yew ☐	sweet chestnut ☐	oak ☐

Parts of a Plant



Plants and Flowers Hunt Sheet

Tick the plants and flowers that you have found!

 ☐	 ☐	 ☐
 ☐	 ☐	 ☐
 ☐	 ☐	 ☐
 ☐	 ☐	 ☐