

Science Knowledge Organisers

Science Focus

Plants

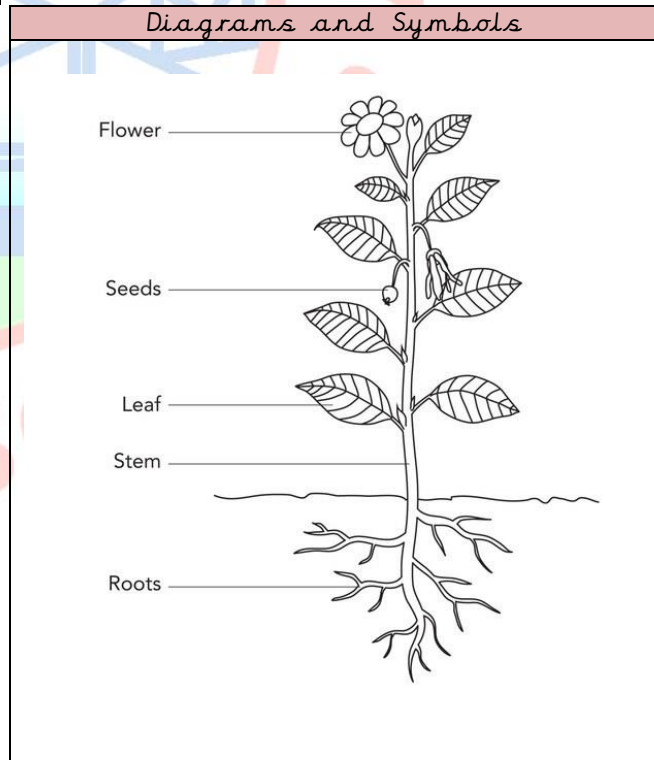
Year 1

Autumn 2

Key Knowledge	
What is a plant?	A living thing that grows in the ground.
What are the main parts of a plant?	Flowers Stem Roots Leaves
What do plants and trees need to survive?	Sunlight and water
What are the most common plants?	Tulips Daffodils Foxgloves Bluebells Roses
What are the main parts of a tree?	Crown Leaves Twigs Branches Trunks Roots
What are the most common trees?	Ash Beech Birch Maple Oak

Key Vocabulary	
Seed	The part of a flowering plant that can develop into a new plant.
Evergreen	A plant or tree that keeps its leaves all year.
Deciduous	A tree that loses its leaves in Autumn and grows new ones in Spring.

Possible Experiences
Grow own flowers or trees and record changes. Find ways to prove plants are alive. Survey visiting insects to a plant. Changing the colours of flowers using different coloured water to feed. Use time-lapse photography to show deciduous trees changing.



Greater Depth Thinking

Look more carefully into the idea of photosynthesis and how it works.

Grow seeds in different environments and record results to draw conclusions.

