

How Plants Grow

EYFS and KS1

RHS Wisley lesson plan

ELFS Understanding of the world ELG14
National Curriculum: Science



Learning objectives	Structure	Plenary
- To ask questions and decide how they might find answers to them. - Use first hand experience and simple information sources to answer questions. - Explore using their senses. - Identify and name some common garden plants and trees - Identify and describe the basic structure of a variety of common flowering plants, including trees - Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy. - Observe that seeds grow into mature plants.	Introduction Welcome and Health & Safety - Explain that the children will learn about the parts of a plant, explore the garden discovering a range of plants, plant a seed and play a game. Activities - Story e.g. <i>A Seed in Need</i> or <i>The Tiny Seed</i> - Sort pictures of plant parts. - Plant individual seeds to take back to school. Discuss what the seed needs to grow into a healthy plant. - Visit the garden and explore a range of plants. - Activities may include identifying plant parts and tallying petal colours. Groups will collect fallen plant parts as we walk. - Each group will stick collected plant parts to a large sticky strip. Which part is missing? Why? - Highlight the fact that trees are a large plants and look at similarities and differences between trees and other plants. - Compare deciduous and evergreen trees. - Play the Sunflower Game (Parts of a plant) – if time.	Ask what they have learned today about plants and how they best grow. Resources: Compost Flower pots Labels Seeds to sow Games Sorting cards Sticky strips Tally sheets More able: Discuss how the seeds we see might disperse. Less able: Adults to emphasis that plants have the same features but they may look different in different plants.
Assessment Questions - Ask questions related to plant parts and seed growth e.g. what is this part? What does it do? - What do plants need to grow well? How will we look after the seeds we have planted?	Key Vocabulary: Seed, root, stem, leaf, flower, bud, compost, soil, air, water, light, warmth, deciduous, evergreen	