

Scientific Questioning

Concept: Plants

Year group	Key questions	Vocabulary
R	Knowledge and Understanding of the World: Children explore creatures, people, plants and objects in their natural environments.	Plants, soil, roots, flower,
1	What are the parts of a plant? What plants can you find outside?	Deciduous, evergreen, wild, flower, tree, plant, root, bulb, seed, stem
2	How do seeds and bulbs grow into plants? What do plants need to stay healthy?	Micro-habitat, alive, healthy, natural, environment, conditions, growth
3	Why are plants important? What are the requirements of plant growth? What do plants need in order to germinate? How is water transported through plants? What is the life cycle of a plant? What is dispersal?	Nutrients, soil, seed dispersal, life cycle, reproduction, flowering, seed formation, pollination, transportation.
4	How can we categorise plants? How can our surrounding environment affect plants?	Nutrition, function, observation, categories.
5	Can you describe the reproduction of plants? Can you compare the life cycles of some plants?	Reproduction: sexual asexual,
6	How do plants adapt and evolve? How can you broadly categorise plants? Explain your decision.	Micro-organisms, categorisation, evolution, adaptation, classification, characteristics.