

Plant Nutrition and Reproduction



This project teaches children about the requirements of plants for growth and survival. They describe the parts of flowering plants and relate structure to function, including the roots and stem for transporting water, leaves for making food and the flower for reproduction.

- Plant parts;
- Root systems;
- Stems;
- Water transport;
- Investigating leaves;
- Life cycle of flowering plants;
- Flower parts;
- Researching pollination;
- Seed formation and dispersal;
- Variation in plant needs;
- Working scientifically – Identifying and classifying, Observing changes over time, Pattern seeking, Research, Comparative test

Children will learn to link plant structure to function and identify plant parts associated with water transport and reproduction. They will build on prior learning, naming and describing the function of different parts of flowering plants, including the roots, stems, leaves and flowers. Your child will observe fibrous roots and taproots and investigate how water and nutrients are transported in plants. Your child will create the life cycle of a flowering plant and learn the parts and functions of flower parts. They will ask scientific questions about pollination and research to find the answers. They will learn about seed formation and dispersal and identify how the structure of seeds aid dispersal.