

## Year 3 – Plants



### **Scientific Knowledge and Conceptual Understanding:**

1. LO: I can explore the requirements of plants for life and growth.  
What do plants need?
2. LO: I can identify, locate and describe the function of different parts of flowering plants.  
Do the different parts of the plant have a function?
3. LO: I can identify, locate and describe the function of the roots in plants.  
How do plants transport water?
4. LO: I can explore the part that flowers play in the life cycle of flowering plants, including pollination.  
How do plants reproduce?
5. LO: I can explore the part that flowers play in the life cycle of flowering plants, including seed formation and seed dispersal.  
How are seeds dispersed?

### **Previous and Future Learning:**

Year 1	Children learnt about different plants and trees and described the basic structure.
Year 2	Children studied how plants grow from seeds and bulbs in more detail. They will also look at what plants need to grow and stay healthy.
Year 5	Children will look at the life cycle of a plant including the life process of reproduction.
KS3	Children will study plants in much closer detail, observing the cell structure and how plants create their own food through photosynthesis.

### **Key Vocabulary:**

plant  
roots  
seed  
pollination

tree  
stem  
bulb  
formation

flower  
leaf  
nutrients  
dispersal