

STICKY LEARNING

By the end of this unit you should be able to:

- Use scientific observations, name the parts of flowering plants and explain their functions using scientific language
- Name and describe different ways in which seeds are dispersed: wind; through animal faeces; through sticky burrs attached to animals' fur.
- Describe the lifecycle of a flowering plant, using the correct scientific vocabulary: germination, pollination, fertilisation and seed dispersal
- Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.
- Investigate the way in which water is transported within plants.
- Know how water is transported within plants.
 - Carry out simple experiments and use their observations to explain that water and minerals are absorbed by the roots of the plant, transported up the stem to the leaves and exits through the stomata in the leaves
 - Plan an investigation to test whether changing the conditions in which a plant grows affects its healthy growth e.g. consider how germination might be affected by heat; varying the amount of water a plant gets to simulate different environments such as deserts or ponds