

Test yourself...

- Can you explain the functions of the parts of a flowering plant? Draw and label a diagram.

Roots, stem/trunk, leaves, flower/blossom.

- Can you describe the life cycle of flowering plants?

Pollination, seed formation, seed dispersal, germination.

- What different methods do you know for seed dispersal?

Key Learning:

Many plants (but not all) have roots, stems/trunks, leaves, flowers/blossom.

**Roots:** absorb water and nutrients from the soil and anchor the plant in place.

**Stem:** transports nutrients around the plant and holds the leaves and flowers up in the air for photosynthesis, pollination and seed dispersal.

**Leaves:** use sunlight and water to produce the plant's food by photosynthesis

Topic Mat

LKS2

Plants

Some plants produce flowers to enable reproduction.

**Pollination:** the transfer of pollen from the male part of the flower to the female part which makes seeds. Pollination can be by wind or insect.

**Seeds:** dispersed in different ways by water, wind and animals.

**Germination:** when seeds begin to grow

Look at different seeds and decide what their method of dispersal would be... wind, animal or water?



Vocabulary:

Photosynthesis, pollen, insect/wind pollination, seed formation, seed dispersal (wind dispersal, animal dispersal, water dispersal).