Go to an area that has flowers and children to watch / record which flowers are visited.

What colour flowers do pollinating insects prefer?

Vocabulary	
Absorb	Soak up or take in.
anther	The part of a stamen that produces and releases the pollen.
Carbon dioxide	A gas produced by animals and people breathing out.
Climate zone	Sections of the earth that are divided according to the climate. There are 3 main climate zones polar, temperate and tropical.
deciduous	Trees that lose their leaves in the autumn every year.
dispersed	Scattered, separated or spread through a large area.
dissect	To carefully cut something up in order to examine it.
Ever green	A tree or bush which has green leaves all year round
Fertilisation	In plants where pollen meets the ovule to form a seed.
flower	The part of plant that is often brightly coloured and grows at the end of the stem.
Fruit	Something that grows on a tree or a bush containing seeds or a stone covered by a substance you can eat.
Germination	If a seed germinates it starts to grow
Healthy	Well and not suffering from illness.
lifecycle	The series of changes that an animal or plant passes through from the beginning of its life until its death.
Nutrients	Substances that help plants and animas to grow.
Ovule	A small egg.
pollen	A fine powder produced by flowers. It fertilisers other flowers of the same species so that they produce seeds.
Pollination	To pollinate a plant or tree means to fertilise it with pollen. This is often done by insects.
roots	The parts of a plant that grow under the ground.
Stigma	The top of the centre part of the flower which takes in pollen.
Vegetation	Plants trees and flowers.
Wild	Animals or plants that live or grow in natural surroundings and not looked after by people.



## **Hurst Hill Primary School Knowledge Organiser**

Science Plants Year 3 Autumn 2 Biology

Biology is the science that understands living organisms, including animals and plants.

## **Plants**

## Statutory requirements

Pupils should be taught to:

- identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers
- explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant
- investigate the way in which water is transported within plants
- explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.

