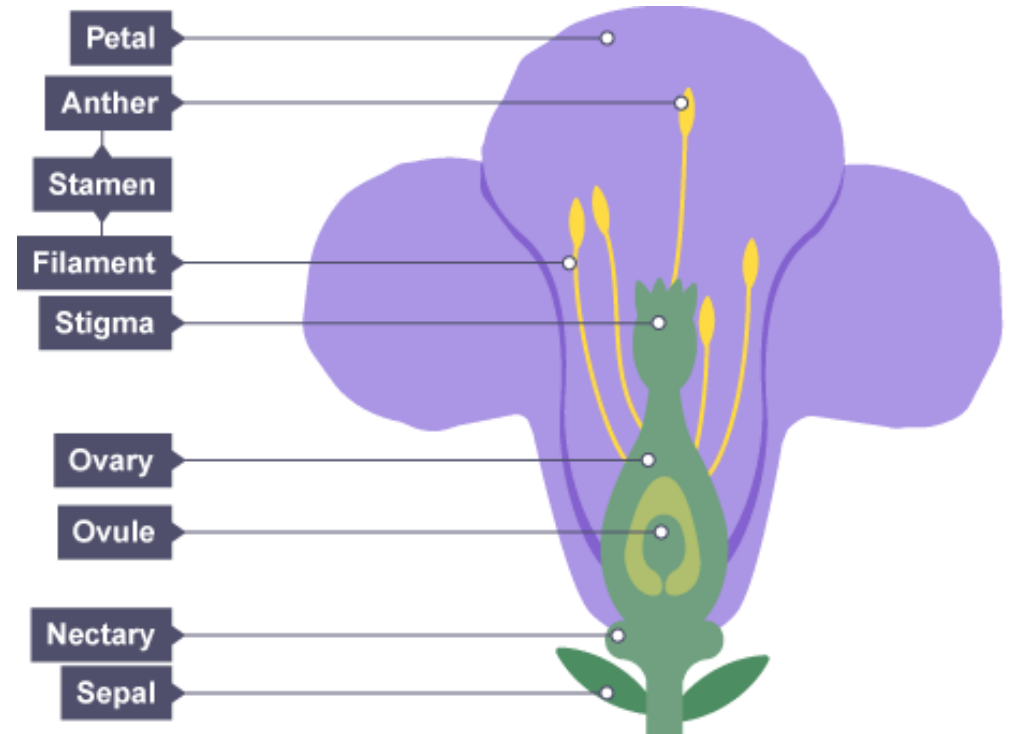


A feast of flowers and fruits

KNOWLEDGE ORGANISER

<u>Part of a flower</u>	<u>Role</u>
Petal	Often brightly coloured to attract insects
Anther	Produce pollen grains
Filament	Holds the anther
Stamen	The male part of the flower (anther and filament)
Stigma	The top of the female part of the flower which collects pollen grains
Ovary	Produces female cells, which are contained in the ovule
Nectary	Produces a sugary liquid called nectar , which attracts insects
Sepals	Protect the unopened flower



Fertilization

where pollen is transferred from the anther, the male part of a flower, to the stigma, the female part of a flower.

Fruit

Fruits are formed after the flower is fertilized with pollen.

Seed

The small parts produced by plants from which new plants grow

Seed dispersal

How seeds are spread away from the plant. Seeds may be dispersed by a number of ways including air, water, and animals.

Pollen

Pollen is a fine powder produced by certain plants. The wind carries it to other plants so they can make seeds

Botanist

Someone who studies flowers