

# Dog Kennel Hill Primary School - Science

**Topic: Plants**

**Year: 2**

**Strand: Biology**

**What should I already know?**

- **Plants** can grow.
- The names of some **common garden plants** (e.g. poppy, rose) and the names of some **common wild plants** (e.g. daisy, dandelion, nettle).
- **Deciduous trees** lose their **leaves** in the autumn every year.
- **Evergreen trees** have green **leaves** all year round.
- The parts of a plant including **petals, fruits, roots, bulbs, seeds, stem, trunks and branches**

**What will I know by the end of the unit?**

**Plants** are living things and require things to grow.

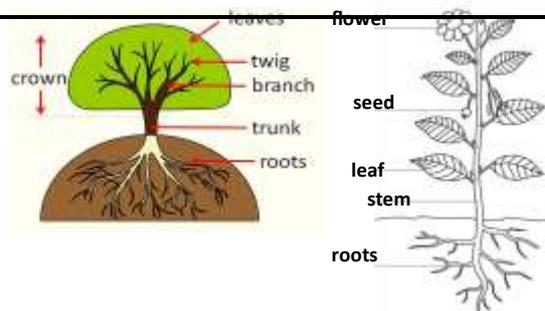
- **Plants** require things such as water, warmth, **nutrients** from soil and light to grow.
- If they do not have one or more of these things, they may stop growing. □ **Plants** can:
- move
- grow
- react to their surroundings (sense)
- absorb **nutrients**
- **reproduce**

Which **plants** do we eat?

- Many **plants** provide us with food by bearing **fruits** which carry their **seeds**.
- When farmers grow **plants** to provide us with food, these are called **crops**.
- We eat many **fruits** that contain **seeds** (including tomatoes!).
- We also eat different parts of **vegetable plants**: □ **root vegetables** (carrots, potatoes)
- **stem vegetables** (celery, spring onion)
- **leafy vegetables** (cabbage, lettuce)
- **flowering vegetables** (cauliflower, broccoli)
- We eat grains and cereals from **plants** too (wheat, oats).
- Nuts and seeds are also sometimes edible (sesame seeds, pumpkin seeds, peanuts).
- Many **herbs** are also grown to add flavour to foods.



What are the parts of **common trees** and **plants**?



**Vocabulary**

Branches	parts that grow out from the <b>tree trunk</b> and have <b>leaves, flowers, or fruit</b> growing on them
Bulb	a root shaped like an onion that grows into a <b>flower or plant</b>
Common	something that is found in large numbers or it happens often
Crop	<b>plants</b> such as wheat and potatoes that are grown in large quantities for food
Deciduous	a <b>tree</b> that loses its leaves in the autumn every year
Evergreen	a <b>tree</b> or bush which has green <b>leaves</b> all the year round
Flower	the part of a <b>plant</b> which is often brightly coloured and grows at the end of a <b>stem</b>
Flowering	<b>trees or plants</b> which produce <b>flowers</b>
Fruit	something which grows on a <b>tree</b> or bush and which contains <b>seeds</b> or a stone covered by a substance that you can eat
Garden	a piece of land next to a house, with <b>flowers, vegetables, other plants,</b> and often grass
Herb	a <b>plant</b> whose <b>leaves</b> are used in cooking to add flavour to food, or as a medicine
Leaf/leaves	the parts of a tree or plant that are flat, thin, and usually green
Nutrients	substances that help plants and animals to grow
Petal	thin coloured or white parts which form part of the <b>flower</b>
Plant	a living thing that grows in the earth and has a <b>stem, leaves, and roots</b>
Reproduce	when an animal or plant produces one or more individuals similar to itself
Roots	the parts of a <b>plant</b> that grow under the ground
Seed	the small, hard part from which a new <b>plant</b> grows
Stem	the thin, upright part of a <b>plant</b> on which the <b>flowers and leaves</b> grow
Tree	a tall <b>plant</b> that has a hard <b>trunk, branches, and leaves</b>
Trunk	the large main <b>stem</b> from which the <b>branches</b> grow
Vegetable	<b>plants</b> such as cabbages, potatoes, and onions which you can cook and eat
Vegetation	<b>plants, trees and flowers</b>
Weed	a <b>wild plant</b> that grows in <b>garden</b> and prevents the <b>plants</b> that you want from growing properly
Wild	animals or <b>plants</b> that live or grow in natural surroundings and are not looked after by people

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Question 1

Question 2

Question 3

Question 4

Question 5