

Knowledge Organiser - Science - Plants - Key Stage 1 (Year 1) - Spring 2 2025

Careers connected to plants:
agronomist, botanist, farmer, gardener,
horticulturist, illustrator, landscaper



What I already know

- I have explored the natural world around them, making observations and drawing pictures of animals and plants
- I have described my immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps
- I have begun to understand some important processes and changes in the natural world around , including the seasons and changing states of matter



Sticky Learning



wildflower
flowers that are
not planted by a
person

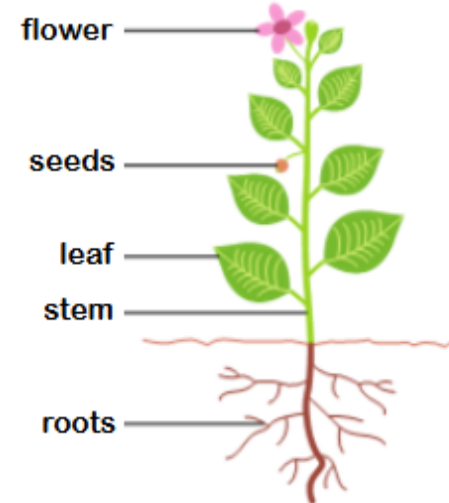
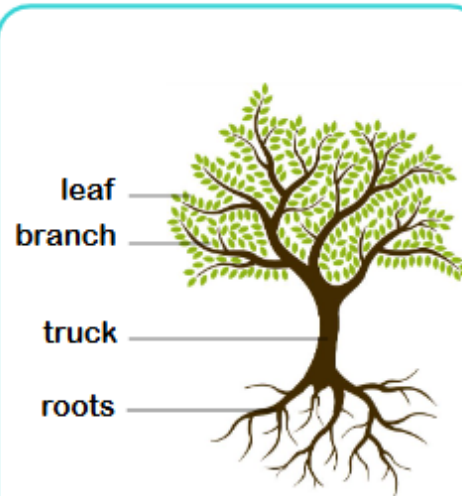
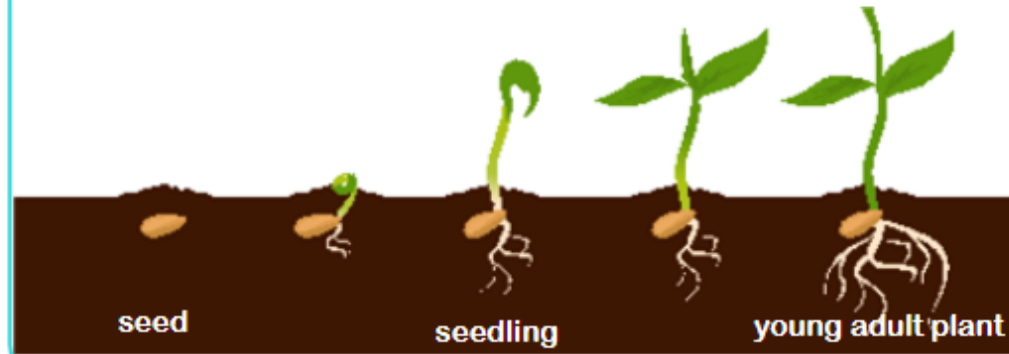


deciduous
trees that drop
their leaves
every year



evergreen
trees that keep
their leaves all
year round

Seeds grow into larger plants such as flowers, bushes and trees.



Core Learning



1. Understand that
seeds grow into
plants



2. Identify the basic
parts of a plant and
tree



3. Understand that
different plants can grow
in the same environment



4. Know the difference
between deciduous and
evergreen trees



5. Know that fruit and
vegetables are
varieties of plants



6. Record the growth
of a plant



Circle the wildflowers.



Circle the tree which loses its leaves during the winter.



Draw a line between the different stages of a plant's growth.

seed seedling young adult plant



Label the parts of the plant.

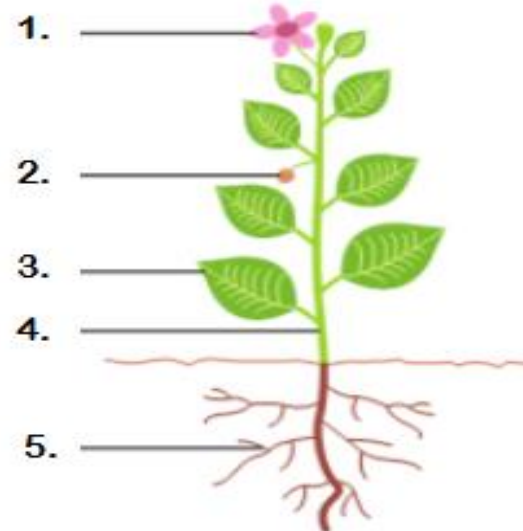
roots = ____

seeds = ____

stem = ____

leaf = ____

flower = ____



Science (Rocket) Words

Word	Meaning
tree	a large woody plant with a trunk and branches
oak	a variety of tree with large leaves and acorns
plant	a living thing that has roots or a stem or trunk and leaves
predict	to guess what might happen
seed	the small part of a plant which grows into a new plant
flower	part of a plant that has petals
root	part of a plant that grows underground
leaf	part of the plant that allows it to breathe and catch water
petal	a leaf that forms part of the flower and is usually coloured
stem	part of a plant that supports a flower
dandelion	a common plant with bright yellow flowers and leaves with points along the edges
weed	a type of plant that grows and is not wanted, particularly in gardens or among crops
wild	flowers that are not planted by a person but have spread their own seeds
daisy	a small wildflower with a yellow centre and white petals

Word	Meaning
buttercup	a common wildflower with bright yellow blossoms
seasons	changes in weather and temperature throughout the year. There are four seasons: winter, spring, summer and autumn
deciduous	trees that drop their leaves every year
evergreen	trees that keep their leaves all year round
bush	a low plant with many woody branches
branch	a woody part of a tree or bush that grows out from the trunk
supermarket	a store selling foods and household items
fruit	part of a plant that has seeds
vegetable	part of a plant that can be eaten
farm	an area where crops are grown and animals are kept
tractor	a powerful motor vehicle with large tires which is used to pull ploughs and other farm machines
seedling	a very small plant that has just grown out of the soil
young plant	a small plant that is not yet fully grown
growth	the process of growing
adult plant	a grown plant that produces seeds or bulbs
observe	to watch something happen