



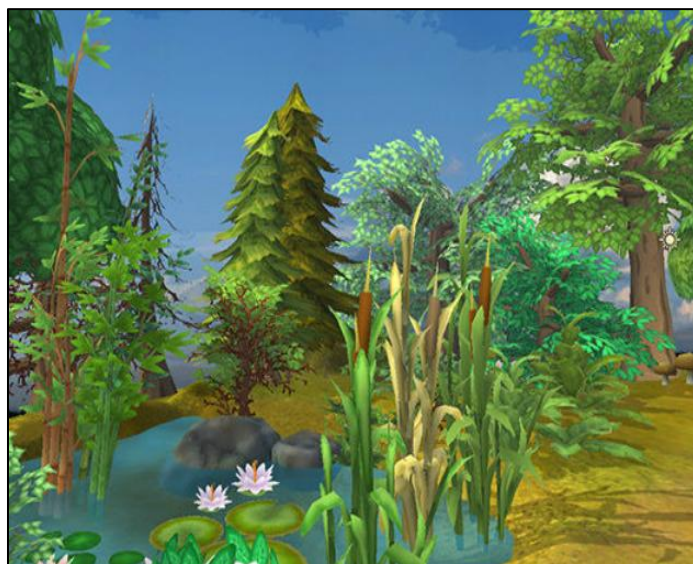
Year 2

PLANTS

What do plants need to grow and be healthy?

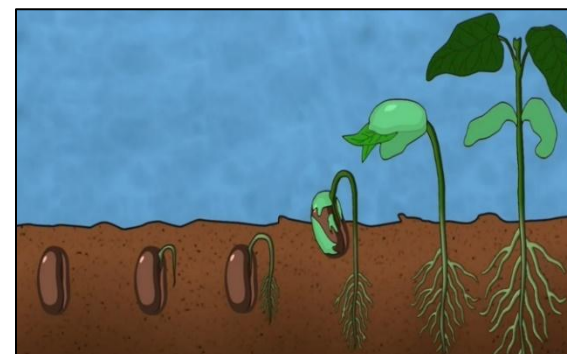


What you should already know...



- Plants are a large group of living things that use sunlight to make their own food.
- There are many different kinds of plants, including trees, vines and grasses.
- Plants have lots of different parts, for example stems, leaves and roots.
- Some trees lose their leaves in the winter (deciduous). Some keep their leaves through the year (evergreen).

Growth from Seeds/Bulbs into Mature Plants



- Germination is the name for when a plant starts to grow. A plant is germinating when its seed begins to sprout.
- Inside a seed/bulb is the baby plant
- Seeds and bulbs do not need sunlight in order to grow. They already have their own food store inside them!
- However, they do need the right conditions to grow. Normally, they need water, air and the right temperature. This can often be found in well-watered soil!

What Plants Need to Grow



Water and Nutrients

Like animals and humans, plants need water and nutrients to survive.

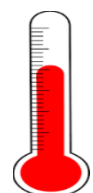
- Plants are able to get water from the soil through their roots.
- They can also catch water on their leaves.



Light

Plants need lots of sunlight to help them grow.

- Plants do not eat food. They instead use sunlight to make their own food.
- Too little light will leave plants weak.



Temperature

-Plants need the temperature to be just right for them to grow properly.

- If it is too hot, they may burn and wilt. If it is too cold, they may freeze and die. This is why there are less plants at the poles and the deserts.



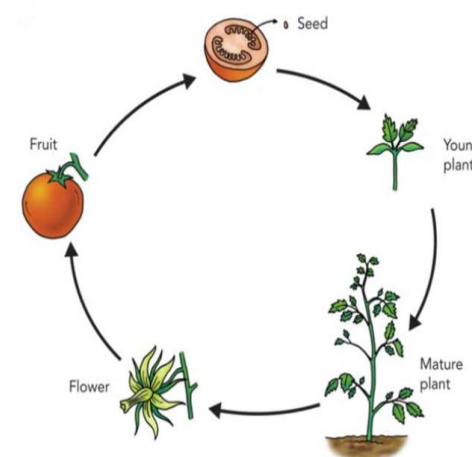
Plant Life Cycle

Plants have a clear life cycle that helps them to keep reproducing:

Seeds/bulbs – Plants begin life as seeds or bulbs. They need soil, air and water to grow.

Seedling – Plants grow into young plants. They now need light, temperature, water, space and time to keep growing.

Flowering/Fruit – Plants grow flowers and fruits. These



Key vocabulary: root, stem, leaf, leaves, flower, soil, sunshine, water

