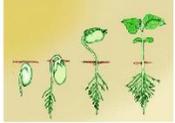


Key Vocabulary

germinate



To cause a seed to begin to grow.



seed



Something made by a plant for a new plant to grow.



pollinate



To pass pollen from another plant so seeds can be made.



oxygen



The gas trees release.



shoot



A young branch or stem of a plant.



disperse



The way in which a plant spreads its seeds.



nutrients



A type of food for plants.



deciduous



A plant with leaves that fall off every year.



evergreen



Plants which have leaves all year.



Important People



Capability Brown (Landscape Architect and Royal Gardner)

Lancelot Brown, more commonly known with the byname Capability Brown, was an English landscape architect. He is remembered as "the last of the great English 18th-century artists to be accorded his due" and "England's greatest gardener". He designed over 170 parks, many of which still endure. He was born in August 1716 at Kirkharle and died on 6 February 1783, London



Gertrude Jekyll was a British horticulturist garden designer, craftswoman, photographer, writer and artist. She created over 400 gardens in the United Kingdom, Europe and the United States, and wrote over 1,000 articles for magazines such as Country Life and William Robinson's The Garden. She was born on 29 November 1843 at Mayfair, London and died on 8 December 1932 at Munstead Wood, Godalming.

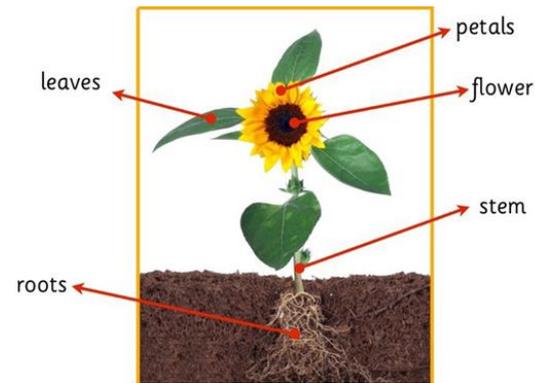
QUOTES: *A garden is a grand teacher. It teaches patience and careful watchfulness; it teaches industry and thrift; above all it teaches entire trust.*

Key Facts

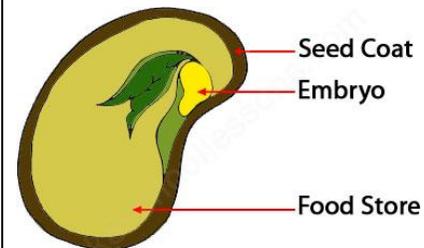
- A **plant** is a living thing that grows in the earth and has a stem, leaves, flowers and roots.
- It is the only living thing that makes its own food.
- Plants provide food, shelter and oxygen for humans and other animals to breathe.
- Plants can be used to make medicine, furniture, clothing and many other helpful things
- Seeds germinate, grow into a plant, produce seeds and disburse the seeds to start the cycle again.
- A plant needs the correct amount of sunlight, water, nutrients, and the correct temperature to stay alive.
- Water: Plants regulate the water cycle. They move water from soil to atmosphere through a process called transpiration.
- Oxygen: Plants absorb carbon dioxide and release oxygen in the air that is used by all living beings for breathing.

Diagrams and pictures

The parts of a flower



The parts of a seed



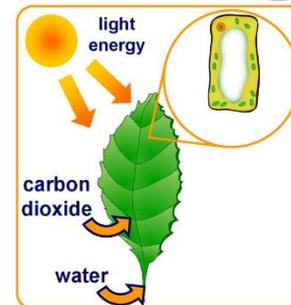
Photosynthesis: where it happens

boardworks

- Plants use light energy from the Sun to power photosynthesis.

Where in the leaf does this reaction take place?

- Photosynthesis takes place in what part of **plant cells**?



100

100