

Topic Vocabulary

Minerals/nutrients are substances found in rocks and soil which all living things need to be healthy.

petals are the outer parts of a flower and they are often bright and colourful.

germination is when a seed starts growing and a tiny root and shoot begin to sprout.

Stamen - the male part of the plant

Carpel - the female part of the plant

Pollination is the way pollen gets to a stamen from a stigma.

Useful Weblinks

<https://www.bbc.co.uk/bitesize/topics/zy66fg8>

<https://www.dkfindout.com/uk/> - Search plants on the website. You can click on Parts of a flower, growing flowers, flowering plants and plants.



Summer Term Science Learning Grid for Year 3

Plants



Science Facts to learn

The **root** is the first part of the plant to grow when a seed germinates. It is used to anchor the plant into the ground and take in water from the soil.

The **stem**, also known as the **trunk** in trees, supports the parts of the plant which are above ground and enables water and nutrients to be transported throughout the plant.

The main function of the **leaves** is to make food for the plant. Most leaves have a large surface area and are arranged in a way that provides maximum exposure to light and air.

The first stages of the life cycle of a flowering plant are:

Germination - The seed first grows a root and then a shoot to become a seedling. This can take weeks.

Growth - The plant increases in size and number of leaves until it is a mature plant. Then it begins to grow flowers.

Home Learning Challenge Ideas

Can you grow something at home and take photos or draw pictures to tell us about it? You could keep a plant diary or make a poster to show what happens.

Look around you as you walk around/walk in the woods/play in your garden to see what is growing. What do you notice? How does everything change? You could draw different flowers or make rubbings or a collage of the leaves you find.

Can you think of your own investigation about plants to do at home?

We would love to see any of the topic work that you choose to do at home so you might do something completely different. We are looking forward to sharing it together and displaying it on the Beechwood Website.