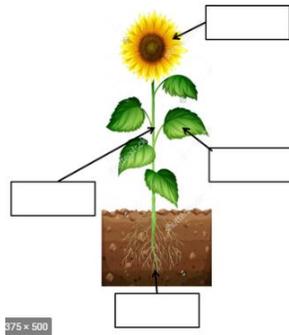


Parts of plants

<https://www.bbc.co.uk/programmes/articles/Mf5rhbTkHLZ3fbJzScyDvC/primary-science-plants>

Use this link to help you answer the following questions.

- What are the different parts of the plants?
- What is the function of each part of the plant?
- Draw a plant with all the parts and explain the functions of each part to the plant too.



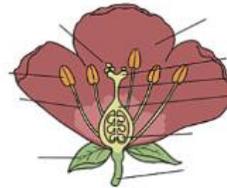
Research: what do plants need

- Research and find out what the fundamental needs of plants are to survive.

Investigation: Plant anatomy

- receptacle, sepals, nectaries, carpel, stigma, style, ovary, stamen and petals- are all parts of the flower.

Parts of a Flower



- Can you identify them?
- Draw your own flower and have a go at labelling each part of the flower.
- Challenge yourself by also writing a function for each part of the flower.

3D Model

- Create a 3D model of a plant.
- Or create a 3D model of the flower.
- Label the parts of the plant/flower.



Research and Diagram

- Research and find out what pollination is. Write it out in your own words.
- Research and find out how water gets around the plant (from roots to the leaves).
- Draw a diagram to show this.

Plants

Year 3 Science Takeaway Homework Menu



National Curriculum Expectations

- identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers
- explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant
- investigate the way in which water is transported within plants
- explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal

Scientific Vocabulary:

- Photosynthesis, pollen, insect/wind pollination, seed formation, seed dispersal - wind dispersal, animal dispersal, water dispersal

Takeaway homework guidelines

- It is up to you to choose what task to complete.
- Choose a task that is appropriate - but remember, the more you push yourself the more of a scientist you will become!