

Science: Dissection of a plant

In science this week, we are going to take a deeper look into the different parts of a plant.

For this you will need:

- *A large (ish!) wild or garden plant*
- *Piece of paper*
- *Celotape*
- *Pen/pencil*

How to dissect your flower:

- *Begin by carefully taking the different parts of the flower apart and laying them out onto your piece of paper. Can you identify the different parts of the flower mentioned below?*

Root carries water and nutrients from the soil to the plant and keeps it anchored in the ground.

Petal often brightly coloured to attract insects

Leaf uses energy from sunlight to photosynthesise creating oxygen and sugars for the plant to use for energy

Pollen pollen is a fine powdery substance which contains the male reproductive cells. It is produced by the anthers of seed bearing plants.

Stem a plant stem transports water and nutrients from the soil to the rest of the plant. The stem supports the leaves and flowers allowing them to be raised above the ground to be in the light

- Once you have identified the different parts of the flower, stick them down onto your paper.
- Label the different parts of the flower with a sentence of what each part is used for.

Look at the pictures below for some ideas on how to label your flowers.

