

Parts of a Plant

Identify the parts of a plant using real plant material

5-9

Biodiversity
&
Interdependence



This is a much more meaningful and sustainable method for children to become aware of the roles of the different parts of a real plant compared to labelling a worksheet.

Roots - Anchor the plant into the ground and they absorb water and minerals from the soil.

Stem - Holds the plant upright and transports nutrients, minerals and water between the roots, leaves and flowers.

Leaf - Uses the sunlight's energy to convert carbon dioxide and water into food for the plant (*photosynthesis*)

Flower - The reproductive organs of the plant are in the flower. The flowers are colourful and often fragrant to attract pollinators.

Bud - Protects the developing leaves and flowers.

Equipment

- A recycled piece of card such as a panel from a cereal box
- Double-sided sticky tape
- Pencils
- An area of the grounds with a variety of wild plants

Advice

1. Discuss the importance of environmental stewardship and being gentle with the plants.
2. Ensure there are no rare wildflowers in the area.
3. Where there are not many specimens of a plant advise on taking only one small piece from each so that the process is not ecologically destructive.
4. If using common school playing field plants such as daisy, dandelion, clover, pineapple weed or plantain each child may carefully take a full plant and stick it to their board.

Extension

Emphasise how important flowers are as a food source for pollinating insects. Look closely at the flower can the children extract some pollen on a cotton bud?



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