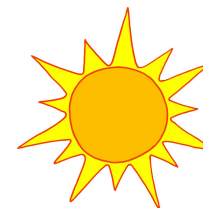




Plants



Key knowledge/facts

- The main parts of most plants are roots, stem/trunk, leaves and flowers.
- Plants need air, light, water and nutrients from soil and room to grow well.
- Different plants need different amounts of these depending on their usual habitat, for example plants that usually grow in the desert like cacti will need less water to survive.
- Water is transported within plants (in through the roots and up through the stem).

Tier 2 Vocabulary

Root – A part of the plant which attaches to the ground.

Stem – The main body or stalk of a plant

Leaves – A flat part of the plant usually green and attached to the stem.

Flower – The seed bearing part of the plant.

Trunk – The main woody stem of a tree.

Soil – Upper layer of earth which plants grow on.

Seeds – Part of a plant which can make a new plant.

Tier 3 Vocabulary

Nutrients - Compounds in foods essential to life

Seed formation – How a seed is made.

Seed dispersal – Spreading seeds over a wide area.

Pollination - The process that allows plants to reproduce

Germinate – When the seed starts to grow.

flower

Flowers play an important part of the reproduction of plants, involved in pollination and seed dispersal.

Insects are needed for pollination - flowers are bright and colourful to attract the insects



stem

Stems support the plant and keep it upright. Water and nutrients are transported up through the stem.

leaf

Leaves make food for the plants, they catch the sunlight that plants need to make food - this is photosynthesis.

roots

Roots anchor the plant into the ground, without roots it would fall over. Roots also take in water and nutrients from the soil.

