



Knowledge Organiser

Year Group	Subject	Topic
2	Science	Young Gardeners

Big Picture This topic brings together study of living things and habitats and is strongly focussed on outdoor learning and investigations.

Key words: annual / compost / flower / fruit / germinate / germination / fruit / health / healthy / leaf / plant / root / seed / seedling / soil / stem / vegetable / properties / materials / bulb



Vocabulary

Bulb: The round underground part of a plant that contains food for the plant, for example, an onion bulb, daffodil bulb, a tulip bulb.



Corms: Corms are not made up of scales, they do not have the fleshy leaves you would find on a bulb and the bud is on top of the corm. Examples of plants grown from corms are gladiolus and crocus.

Germinate: This is when a seed begins to grow, using its stored food, and put out roots and shoots.

Properties: A special quality or characteristic of something that makes it different from another material, e.g. transparent, flexible.

Root: The part of a plant that grows downwards, it gets water from the ground, and holds the plant in place.



Stem: The stem is usually the upper part of the plant and it can have branches, leaves and flowers.

Tuber: Tubers, such as potatoes, are thickened underground stems, unlike bulbs they don't have a covering of layers.



Enquiry Questions Observe and describe how seeds and bulbs grow into mature plants. Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.