



seeds



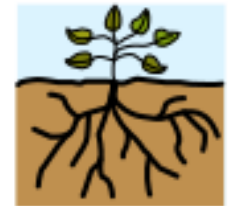
pollen



nutrients



pollination



roots



soil



Science: Plants



stem



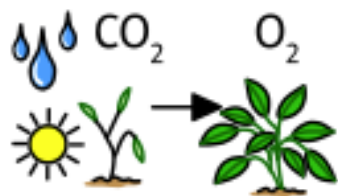
pollinators



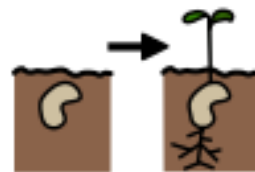
trunk



seed
dispersal



photosynthesis



germination

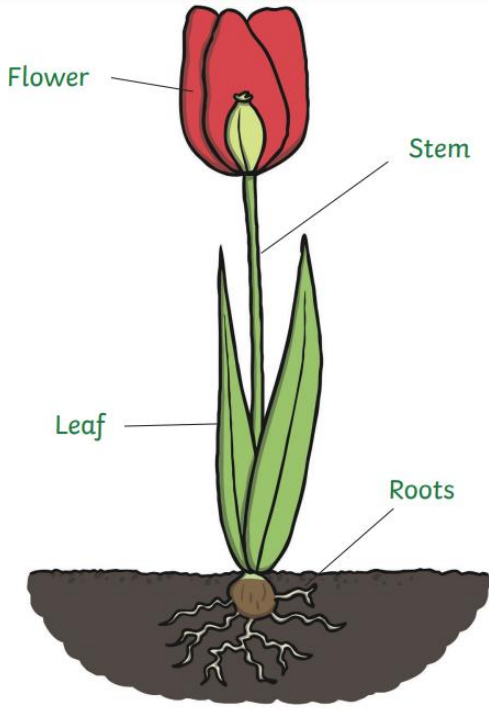
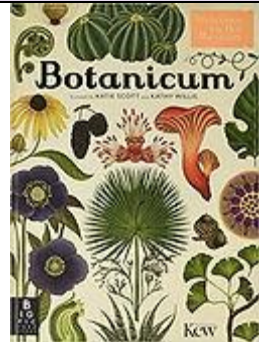



flowers



leaves

Science- Plants: Y3 Topic Vocabulary Mat

| Subject Specific Vocabulary | | Relevant Pictures | Exciting Books/Websites |
|-----------------------------|---|---|---|
| seeds | The part of a plant that can grow into a new plant. |  |  https://classroom.thenational.academy/units/plants-d1e9 https://www.bbc.co.uk/bitesize/article/s/z2w3p4j |
| pollination | Pollinators (or the wind) move pollen from one plant to another. This process that allows plants to make new plants. | | |
| roots | The part of a plant that absorbs water and nutrients from the soil and anchors it to the ground. | | |
| stem/trunk | The part of a plant that transports the water and nutrients around the plant and holds the leaves and flowers up in the air. | | |
| germination | The growth of a plant from a seed. | | |
| photosynthesis | The process the leaves of a plant use to create food for the plant using light from the sun. | | |
| seed dispersal | The way seeds are spread to allow new plants to grow. Types of dispersal include: wind, animal and water. | | Other information  <p>Butternut squash is grown from seed in our Roof garden and Edible playground!</p> <p>There are also colourful wild flowers to attract bees.</p> |
| pollinators | The bees and butterflies that help to pollinate plants are called 'pollinators'. | What I've learnt already Y1 <ul style="list-style-type: none"> I know and can identify and name a variety of common wild and garden plants, including deciduous and evergreen trees. I know and can identify and describe the basic structure of a variety of common flowering plants, including trees. | Key Knowledge <ul style="list-style-type: none"> I can identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers I know the requirements of plants for life and growth (air, light, water, nutrients from the soil, space) and how they can vary I know through investigation the ways water is transported within plants I know the part flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal |
| pollen | A fine powder that causes plants to make new seeds. | | |
| nutrients | Substances that the body or a plant needs to function. For humans, this could be vitamin C. Plants also need nutrients, which they get from the soil. | | |
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