

What does a plant need to grow?

light, suitable temperature (not too hot or too cold), water, air and nutrients from the soil.



Bluebell





Primrose



Daffodil





We are Scientists... Plants

How do plants grow?

Seeds – the part which can grow in to a new plant.

Germinate – begin to grow and put out shoots.

Shoots – young branch or stem.

Beans - edible seeds.

Fruit – edible structure that holds the seeds.

What makes a healthy plant? Green leaves

Straight strong stem

Bright, vibrant flower

Oak Tree (non-flowering)





Fir Tree (Evergreen)



Processes

Transpiration – water moves up

Pollination – bee gets pollen stuck on body from stamen of one flower and rubs it off on stigma of another.

Fertilisation – pollen attaches and creates a new seed.

Horse Chestnut Tree (flowering and deciduous)





We are curious, we are unique, we are together, we are Whiteshill!

Parts of a Plant

Root – anchor the plant and transfer nutrients from the soil.

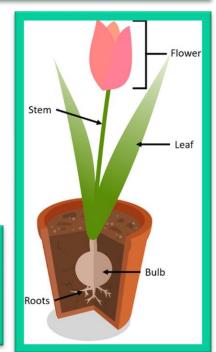
Stem/trunk - structure and transport nutrients.

Leaves – get nutrition from the sun.

Flowers/blossom - attract pollinators

Bulb - store food for the plant (not all plants have these).

Stamen and Stigma – reproduction.





the stem from the roots to the leaves.

Seed dispersal – new seed ends up in the soil e.g. blown by wind, bird waste, fall down and scatter, stick in animal's fur.