

Science- Plants

Environment

Prior Knowledge

Last year, we learnt that a seed needs warmth, water and oxygen to germinate., that plants have roots, a stem, leaves, flowers, petals and pollen. We also learnt that there is a difference between wild and cultivated plants and the difference between deciduous and evergreen plants.



My Component Knowledge:

Lesson 1: I can understand that some materials come from plants.

Lesson 2: I can understand why it is important for a plant to spread its seeds and how it might do this.

Lesson 3: I can understand what pollen is and the role it plays in helping to make new plants.

Lesson 4: I can understand the basic structure of a flower and the basic function of the main parts.

Lesson 5: I can understand the parts of a plant and explain their uses.

Lesson 6: I can understand the main parts of a tree and their uses.

My Composite Knowledge:

I can understand and describe the structure of plants including leaves, flowers (blossom), petals, fruit, roots, bulb, seed, trunk, branches and stem, as well as the stages of a plants development. I can recognise and describe the uses we have for plants.

My Powerful Knowledge:

I can understand and describe the main changes as seeds and bulbs grow into mature plants. I am developing my scientific understanding of plants and their importance in our environment and world.

Key Vocabulary

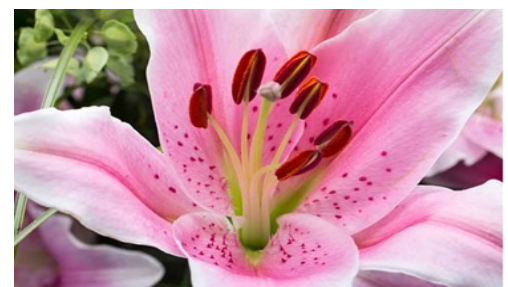
Tier 1: Seed, bulb, flower, fruit, petal, plant

Tier 2: Common, crop, flowering, roots, stem, leaves, trunk, bark, vegetable.

Tier 3: Herb, nutrients, reproduce, pollen.



What is pollen?



How are plants useful?