

# 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.



### 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, pollen, reproduce.

### 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:

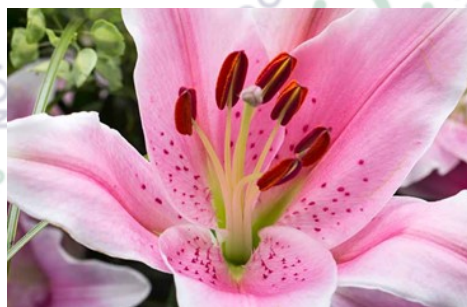
I can understand and describe the structure of plants including leaves, flowers (blossom), petals, fruit, roots, bulb, seed, trunk, branches and stem, as well as the stages of a plant's development. I can recognise and describe the uses we have for plants.

### 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.



### What is pollen?



### How are plants useful?