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| St Julie Catholic Primary School - Science | | |
| Topic: Plants | Year: 2 | Strand: Biology |

Diagram

Description automatically generated with medium confidenceGraphical user interface, application

Description automatically generated

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| **Vocabulary** | |
| **plant** | A living things that grows and has stem, leaves and roots. |
| **germination** | When the new plant begins to burst out of its seed or bulb. |
| **Life cycle** | The changes living things go through to become an adult. |
| **Reproduce** | When living things make a new living thing of the same kind. |
| **Seed dispersal** | When seeds move away from the adult plant. |
| **Shoot** | Grows upwards from the seed or plant to find sunlight. |
| **Nutrition** | Food or nourishment. Plants make their own food in their leaves using sunlight. |
| **Temperature** | How warm or cold something is. |

**What should I already know?**

* Plants are living things.
* The names of some deciduous and evergreen trees.
* The names of some common garden and wild flowering plants.
* The main parts of a flowering plant and tree.

**Let’s investigate!**

When I work as a scientist, I will ask questions and make observations about:

* the conditions that plants need to germinate and grow well
* what is the same and what is different between bulbs and seeds?

**Sticky Knowledge**

**By the end of this topic I will :**

* **Know** that plants grow from bulbs and seeds
* **Know** that plants can make more of themselves
* **Know** that plants need light, water and warmth to survive
* **Know** that flowers are made up of different parts: leaf, stem, root, flower, petal
* **Know** that seeds can be dispersed (spread) in different ways.

A plant has stages of growth and a life cycle.