

## Key Knowledge

All plants need **sunlight** to **grow**. Some need more than others.

All seeds need **water** to **germinate**.

**Temperature** is how warm or cold it is. Plants need different temperatures.

Plants make their **food** themselves in their **leaves** from **sunlight**.

**Germination** happens when the conditions are right, the seed soaks up water and swells and the new plant bursts out of its shell.

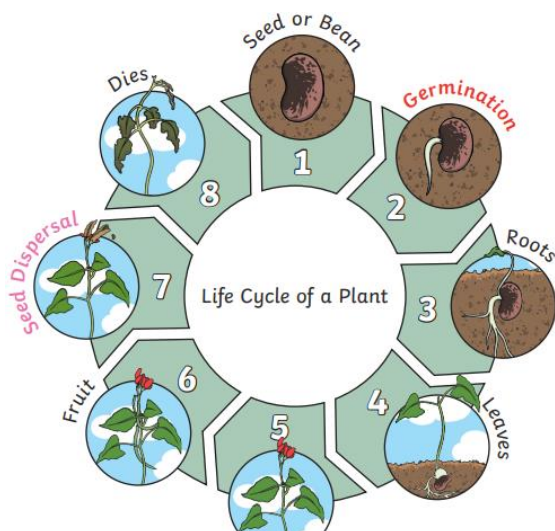
A plant grows **new shoots** when it sprouts.

A **shoot** grows upwards from a **seed** towards the **sunlight**.

**Seed dispersal** is when the seeds move away from the plant by either the wind or by animals.

**Charles Darwin**-a scientist famous for the theory of Evolution.

**Jane Colden**- a famous female scientist who discovered new plants such as Hypericum Virginicum- St. John's Wort.



## Key Vocabulary

|                |             |            |
|----------------|-------------|------------|
| germination    | sunlight    | seed       |
| shoot          | water       | conditions |
| seed dispersal | temperature | bud        |
| nutrition      | bulb        | root       |
| stem           | leaf        | plant      |

<https://www.youtube.com/watch?v=M7Q8GqzPWg8>

