

## Key Vocabulary

**Germination**—When a seed soaks up water and swells, the tiny plant bursts out of the shell.

**Shoot**—The first part of a plant to appear. This always grows upwards from the seed to find sunlight.

**Nutrition**—Food or drink that is consumed by plants for energy.

**Temperature**—How hot or cold a place or object is.

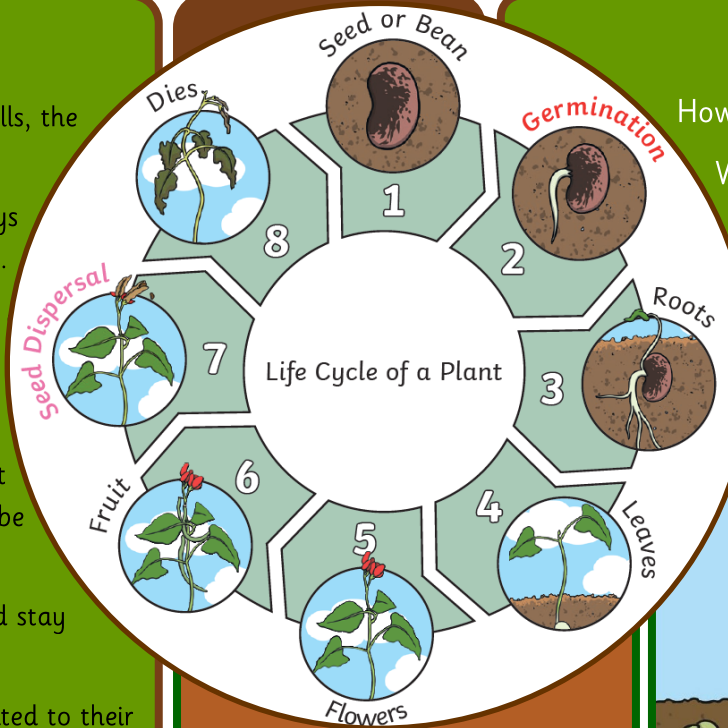
**Dispersal**—When seeds move away from their parent tree or plant. They can drop in a fruit or be moved by wind or animals.

**Conditions**—The things that plants need to grow and stay healthy.

**Adapted**—How animals and plants become better suited to their habitats. This happens over hundreds of years.

**Species**—A particular type of living thing.

**Equator**—The imaginary line around the earth. It is half way between the North and South Poles.



## Key Questions

- How can plants survive in hot, dry or cold places?
- What do plants need to grow and stay healthy?
- What do the different parts of the plants do?
- How do plants perform the 7 life processes?
- What is inside a seed?



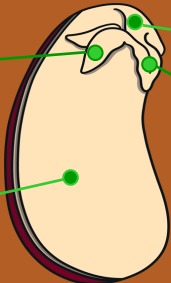
## Inside a Seed

This part will grow into the stem and leaves.

Baby plant

Food store

This part will grow into the roots



## Plants Living in Extreme Conditions

Hot and dry



Prickly pear cactus

Cold and windy



Cushion plant

Wet and warm



Banana plant

## What Plants Need



Sunlight



Water



Air



Nutrients