

Year 2 Spring Term 2024

Knowledge Organisers



Lesson Sequence



1. Know the differences between seeds and bulbs



2. Design an experiment to find out what plants need to grow



3. Describe what plants need to grow and stay healthy



4. Describe the life cycle of a plant



5. Observe and record the growth of plants over time



6. Understand that plants adapt to suit their environment

What Plants Need to Grow

Plants need water to survive. Plants get water through their roots.

Plants need the right temperature to grow.

Plants need sunlight to help them grow and make their own food.

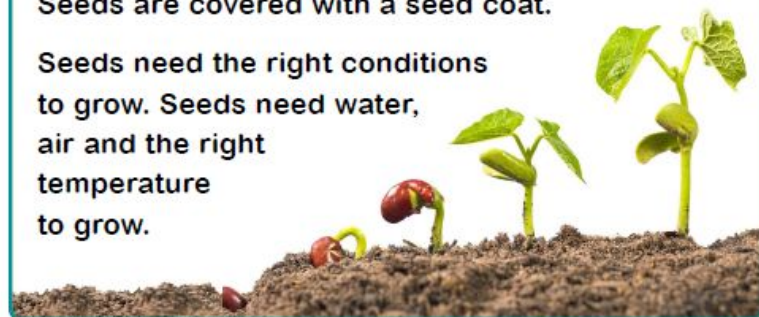
Plants need room to grow. Plants need time to grow. It can take days, months or even years for them to grow.



Life Cycle of a Plant

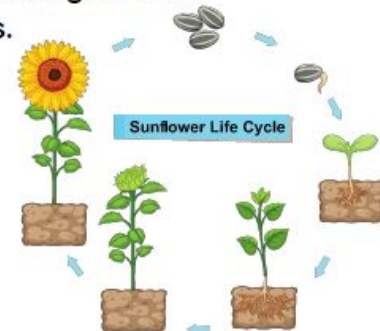
A plant germinates when it starts to grow. Inside a seed/bulb is the baby plant. Seeds are covered with a seed coat.

Seeds need the right conditions to grow. Seeds need water, air and the right temperature to grow.



Life Cycle of a Plant

Plants begin life as seeds or bulbs. They need soil, air and water to grow. Plants grow into young plants called seedlings. Plants grow flowers and fruits. These produce seeds. When the plant is pollinated, the seeds find their soil. The process starts again!



Knowledge organiser – Continents and Oceans

Our learning

1. Where am I?
2. What is a continent?
3. What is an ocean?
4. What are the human features of the continents?
5. What are the physical features of the continents?

Substantive knowledge

I live in a country called the UK.

The world is made up of many countries.

Countries are grouped into continents.

The UK is a continent called Europe.

There are seven continents on Earth.

Continents are separated by land or water.

The water is called an ocean.






There are five oceans on Earth.

The countries in the UK.



a map of the seven continents and five oceans

Core vocabulary

	country	<i>a large area of land where people live</i>
	continent	<i>a very large area of land</i>
	ocean	<i>a huge area of salty water</i>
	human feature	<i>things made by humans</i>
	physical feature	<i>things made by nature</i>