

# Year 2 Knowledge Organisers

Spring 2025



### 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.

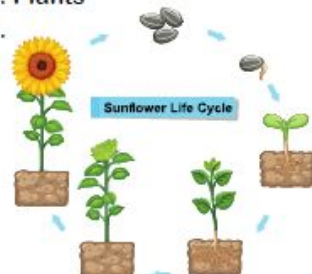
Seeds need the right conditions to grow. Seeds need water, air and the right temperature to grow.



### 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!





**Lesson Sequence**



1. Learn how to order the stages of the human life cycle



2. Describe the stages of life from adulthood to old age



3. Learn how to match offspring to their parent



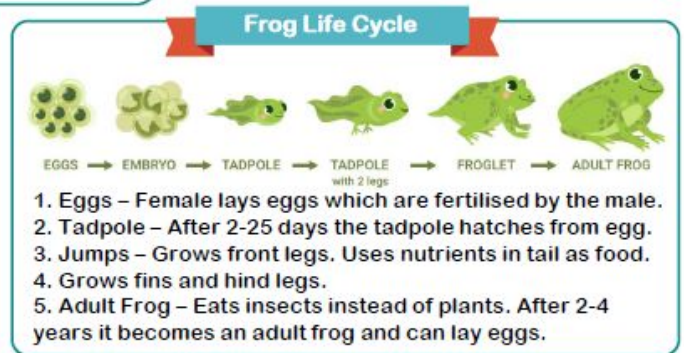
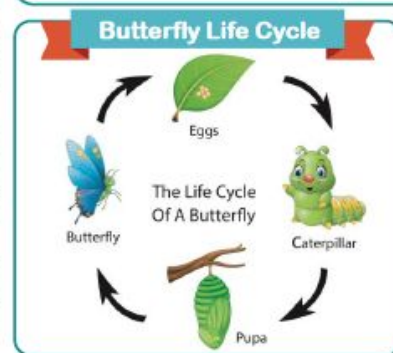
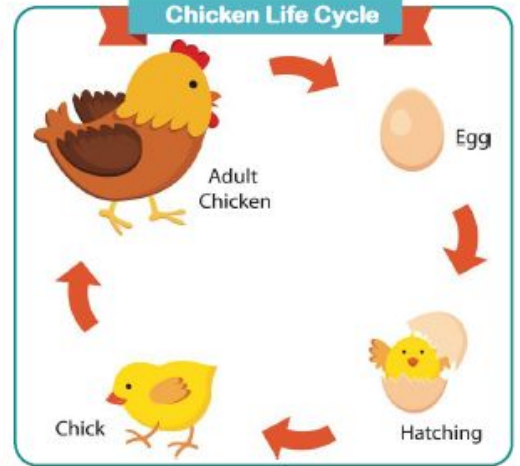
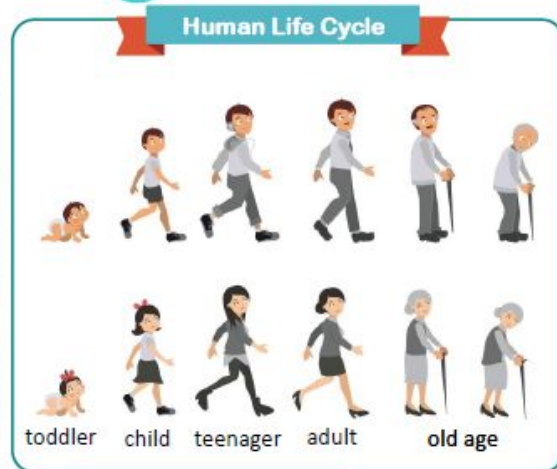
4. Explore the life cycle of a chicken



5. Describe the life cycle of a butterfly



6. Explore the life cycle of a frog



# Geography

## Knowledge organiser – Continents and Oceans

### What will we be learning?

- Understanding where I am in the world.
- Locating the seven continents.
- Locating the five oceans.
- Human features of the continents.
- Physical features of the continents.

### Key facts

The seven continents:  
Antarctica, Africa, Asia, Europe, North America, Oceania and South America.

The five oceans:  
Atlantic, Arctic, Indian, Pacific and Southern.

### Key knowledge

The world is made up of many countries. The countries can be grouped into continents.  
The large amounts of water between each continent are called oceans.  
Some of the continents are joined by land. Others are separated by oceans.  
Human features are made by people.  
Physical features are created by nature.



Place names	Geographical terms and processes	Locational terms
Australia Brazil China Egypt France India Spain United States of America	atlas continent globe human ocean physical	east hemisphere north south South Pole west

### Glossary

**continent:** a very large area of land

**hemisphere:** half of the globe

**ocean:** a huge area of salty water