

## Am I the same person I was 5 years ago?

### Previous Science learning

In lower Key Stage 2 the children started learning about both plant and animal classification and looked into the life cycle of plants. They also looked at vertebrate and invertebrate, animal diets and the design of teeth and their intended use.

### This learning experience

During this learning experience, the children will develop previous knowledge further with a focus on reproduction both sexually and asexually in plants as well as comparing similarities and differences of this to reproduction in animals. We will also be studying life cycles of different classifications of animals and finishing the unit by making our own information text to show the human life cycle and stages of development. During this unit, the children will explore human developments and changes from foetus to old age; this will include the changes to the body during puberty (from a scientific perspective).

### Outcome

The children will make an information text page on the life cycle of a human.

### Key vocabulary

Reproduction  
Characteristics  
Classification  
Features  
Degeneration  
Adolescence  
Mammals  
Birds  
Reptiles  
Amphibians

### Knowledge and Skills

#### Key Knowledge

The difference in the life-cycle of a mammal, amphibian, insect and birds.

The life process of reproduction of some animals and plants.

The human timeline of growth and change from foetus to adulthood and old age.

#### Key Skills

Hypothesising, investigating, observing, recording, concluding and evaluating.

### Character

Explorers

Aspiration & Resilience

Follow my passions and seek challenges in order to aspire to be the best version of myself.

### Metacognition

Independence

The 'Y' Map

Y map helps children to build up a better and clearer picture about people, places and events. Each part of the Y enables children to think of what and why things happened and also, who (or how).