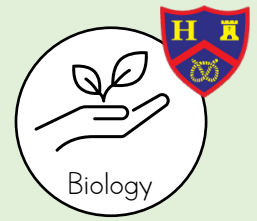


# Animals Including Humans

Year 5



## Review:

*What should I already know?*

- Food chains are used to show how living things get their food and energy. They show producers, predator and prey.
- Animals, including humans, have different types of teeth which all have different functions.
- Body systems:  
Humans and some other animals have **skeletons** and **muscles** for support, protection and movement. The **digestive** system has several function, including ingestion, absorption and excretion.

Vocabulary	
<b>Biology</b>	Biology is all about living things.
<b>Working Scientifically</b>	Working scientifically is about answering scientific questions.

<b>Puberty</b>	Puberty is the name for the time when your body changes as you move from childhood to adulthood.
<b>Gestation</b>	Gestation is the time between conception and birth (how long something is pregnant for).
<b>Teenager</b>	The ages between 13-19. It is a time where humans mature rapidly.
<b>Toddler</b>	Is the period that a young child starts to walk and become more independent.

## Essential knowledge.

- I will be able to describe the changes as humans develop to old age.

- Baby
- Toddler
- Child
- Teenager
- Adult
- Senior



- I will be able to describe when puberty happens and what it consists of.

	Human	House Mice	African Elephant	Blue Whale
Gestation period	9 months	20 days	22 months	10-12 months
Sexual maturity	11-17 years	4-6 weeks	10-12 years	10 years
Life expectancy	80 years	1 year	60 years	90 years

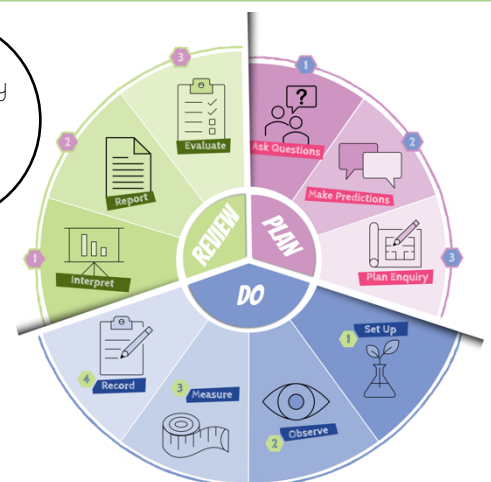
## Working scientifically

### What is our enquiry type?

Observing Changes Over Time	<b>Pattern Seeking</b>	Identifying, Grouping & Classifying	Fair Testing	<b>Research</b>
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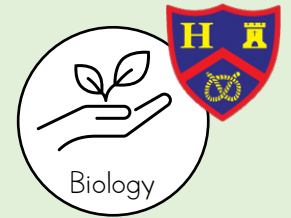
### Working scientifically skills

<b>PLAN</b>	Ask questions	<b>DO</b>	Record
<b>PLAN</b>	Make predictions	<b>Review</b>	Interpret



# Living Things and their Habitats

Year 5



## Review:

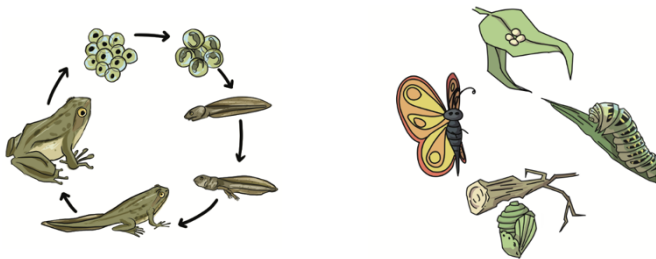
*What should I already know?*

- Animals and plants can be grouped in multiple different ways.
- Living things often adapt to the habitats they live in.
- Both natural and man-made events can change habitats over time, placing living things in danger.

Vocabulary	
Biology	Biology is all about living things.
Working Scientifically	Working scientifically is about answering scientific questions.

## Essential knowledge.

- I will be able to describe the similarities and differences between the life cycles of **mammals**, **amphibians**, **insects** and **birds**.



- I will know that living things reproduce in different ways and will be able to **describe the process** of reproduction in some plants and animals.

Life Cycle	The journey of changes that take place throughout the life of the living thing.
Reproduction	The process by which living things create young or offspring.
Asexual reproduction	One parent is needed to reproduce, it is an exact copy of the parent.
Sexual reproduction.	Two parents are needed to reproduce, offspring is similar but not identical to parents.

Plants	Animals
Plants can reproduce with asexual or sexual reproduction.	Animals reproduce with sexual reproduction.

## Significant Scientists



### Jane Goodall

An anthropologist that studies the behaviour of animals, specifically chimpanzees.



### David Attenborough

A naturalist that studies living things by observation instead of experiments.

## Working scientifically

### Our enquiry focus:

Observing Changes Over Time	Pattern Seeking	Identifying, Grouping & Classifying	Fair Testing	Research
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### Our working scientifically skills:

PLAN	Ask questions	DO	Record
DO	Observe	REVIEW	Evaluate

