

**Science Topic: Living Things and their Habitats**

**Year 5 Summer 1**



**Prior Learning**

In previous years, we learnt that living things grow, move, consume nutrients and reproduce and we learnt that dead things used to do the same but no longer do. We also learnt about different types of animals, such as vertebrates and invertebrates and can name the five different kinds of vertebrate. In addition to this, we know that each part of a plant has a specific function.

**What? (Key vocabulary)**

<b>Life Cycle</b>	The stages and changes a living thing goes through during its life.
<b>Life Span</b>	The amount of time a member of a species lives for.
<b>Embryo</b>	A plant or animal at its earliest stage of development before it is born or comes out of an egg.
<b>Fertilisation</b>	The process of the male and female sex cells fusing together to create a new organism.
<b>Womb</b>	The organ in the lower body of a woman or female mammal where offspring are conceived and in which they <b>gestate</b> before birth.
<b>Weaned</b>	When a baby or young animal stops feeding on its mother's milk and starts eating other food instead.
<b>Adolescence</b>	The social and emotional stage of development between childhood and adulthood.
<b>Metamorphosis</b>	The process of transformation from an immature form to an adult form.
<b>Pupation</b>	The inactive life stage between immature and mature stages of an insect.
<b>Spores</b>	Reproductive cells produced by bacteria, fungi and plants to create offspring.

**Who? (Significant people)**

<b>Rosalind Franklin</b>	Used x-rays to discover the double-helix of DNA.
<b>Chris Packham</b>	Advocates for the conservation of British wildlife and insects and educates the public on British nature.