

**Science Topic: Animals, including Humans**

**Year 4 Spring 1**



**Prior Learning**

In Years 1, 2 and 3, we learnt about how we can eat different kinds of food in order to have a healthy diet. We found out that different animals eat different types of food and we learnt the scientific names of carnivore, omnivore and herbivore to describe this. We also learnt how to construct a food chain beginning with energy from the Sun.

**What? (Key vocabulary)**

<b>Digestion</b>	The process of the body breaking down and changing food so that it can be absorbed as energy.
<b>Producer</b>	Living things, such as plants, which make their own food and energy by <b>photosynthesis</b> .
<b>Consumer</b>	Living things which get their food and energy by eating producers or other consumers.
<b>Predator</b>	An animal which hunts and kills other animals for food.
<b>Prey</b>	An animal which is hunted, killed and eaten as food by predators.
<b>Saliva</b>	A clear liquid produced by glands in your mouth, which contains water and a chemical called amylase to help begin breaking down the food that you eat.
<b>Enzymes</b>	Chemicals in your body which help speed up chemical reactions. In digestion, enzymes help to speed up how your body breaks down food.
<b>Incisors</b>	Flat-topped, small, front teeth that help animals to cut food or scrape meat from bones.
<b>Canines</b>	Long, cone-shaped teeth with a sharp point that help animals to pierce and tear meat.
<b>Molars</b>	Broad, square teeth with points and grooves that help animals to chew and grind food.

**Who? (Significant people)**

<b>William Beaumont</b>	Researched how the stomach was lined with mucus and discovered that different foods digest at different speeds.
<b>Jamie Oliver</b>	Developed a healthy eating campaign with the government to produce and provide children with healthier food on a budget.