

**What we already know:**

- The parts of the human body and what they do.
- All animals need water, air and food to survive.
- The different ways in which humans are healthy.
- Animals get **nutrition** from what they eat.
- Humans and some animals have skeletons and **muscles** for support, protection and movement.
- What **carnivores**, **omnivores** and **herbivores** are.
- **Excretion** is one of the seven living processes.

**What's next?**

In Year 5, children will build on their knowledge and understanding of the life processes, in both animals and plants. They will learn about the human life cycle, exploring how they grow and develop as well as the life cycles of animals. They will also learn about reproduction in both animals and plants.

**What is the role of our teeth and how do we look after them?**

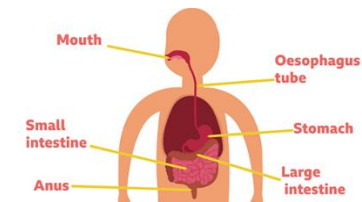
- Teeth are used for cutting and chewing food.
- They start the **digestive process** which gives us the energy we need to live.
- Humans look after their teeth by brushing and flossing and ensuring that they do not eat foods high in sugar.
- Not looking after teeth can lead to an increase in **plaque** and **tooth decay**.

**The Digestive System**

- The smell of food triggers **saliva** to be produced.
- The **digestive** system begins with the mouth and teeth where food is **ingested** and chewed.
- **Saliva** is mixed with the food which helps to break it up.
- When the food is small enough to be swallowed, it is pushed down the **oesophagus** by **muscles** to the **stomach**.
- In the **stomach**, food is mixed further.
- The mixed food is then sent to the small **intestine** which **absorbs nutrients** from the food.
- Any leftover broken down food then moves on to the large **intestine**.
- The food minus the nutrients arrives in the rectum where **muscles** turn it into **faeces**. It is stored here until it is pushed out by the anus. This is called **excretion**.

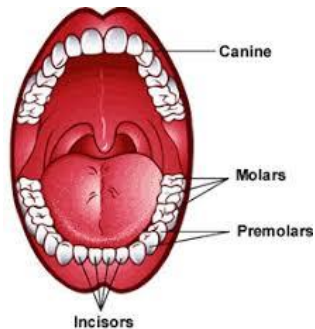
**How will I do this?**

- Compare the teeth of **carnivores**, **omnivores** and **herbivores**.
- Match animals to their teeth and explain your reasons for this.
- Investigate the amount of sugar in drinks and learn how sugar leads to an increase in **plaque** and how this destroys tooth **enamel**.
- Identify the parts of the **digestive** system and explain their functions.
- Create a presentation to show how our food is **digested**.



**What are the different names and functions of human teeth?**

- **Canines** are pointed for tearing and ripping food - these are usually used when chewing meat.
- **Incisors** are shovel shaped and help bite lumps out of and cutting food.
- **Premolars** and **molars** are flat and they grind and crush food.



**Vocab**

**Tier One**

Absorb  
Decay  
Muscles  
Stomach

Nutrition  
Organ  
process

**Tier Two**

Canine  
Incisor  
Molar  
Premolar  
Oesophagus  
Intestines  
Salvia

Carnivore  
Herbivore  
Omnivore  
Digestion  
Faeces

**Tier Three**

Enamel  
Plaque  
Excretion  
Ingested