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| **St Julie Catholic Primary School – Science** |
| **Topic: Animals including Humans** | **Year: 4** | **Strand: Biology**  |

**Sticky Knowledge to remember:**

**The main parts of the digestive system:**

* Food enters the body through the **mouth**
* The **teeth** start to break the food down. **Saliva** is added and the tongue rolls the food into a ball.
* After swallowing, the food passes down the **oesophagus** to the stomach
* In the **stomach** the food is broken down further by being churned around and some chemicals are added.
* Food passes into the **small intestine**. Here **nutrients** are removed from the food to be used elsewhere in the body.
* The rest passes into the **large intestine** where **water** is removed to be used elsewhere in the body.
* What is left is then stored in the **rectum** until it leaves the body through the **anus** when you go to the toilet.

**Teeth**

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| Humans have 4 types of teeth:  |
| * **incisors** – used for cutting
 |
| * **canines** – rip and tear food
 |
| * **molars and premolars** – for grinding and chewing food
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**What should I 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.



**In this topic I will learn:**

• 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.

**In investigations I will:**

* Identify fair tests
* Identify and use variables
* Make predictions
* Repeat measurements for accuracy
* Ask scientific questions
* Build scientific models to help answer questions