

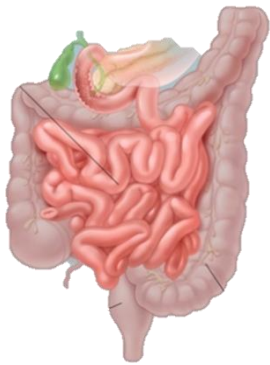
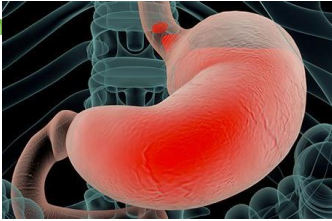
Science Focus: Animals, including Humans	Year Group: 4	Autumn Term
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Key Knowledge:

Parts of the Digestive System

● **Oesophagus** – The **oesophagus** contracts (squeezes) and pushes our food down into the stomach.

● **Stomach** – The **stomach** breaks down food into small pieces. It churns the food around with stomach acid to make the pieces even smaller.



● **Small intestine** – The **small intestine** absorbs nutrients into the body.

● **Large Intestine** – The **large Intestine** absorbs water from the remaining food. Stools (poo) are made in the **large Intestine**.

● **Rectum** – Stools (poo) are stored in the **rectum** before leaving the body.

***Additional Organs**

● **Teeth** – chews, and breaks down food ready to swallow.

● **Tongue** – Pushes the food around your mouth and helps you to swallow.

● **Liver** – Breaks down fat from food.

Possible Experiments:

Skeleton model.

Making our own lung structure.

Key Vocabulary:

Digest – Break down food so it can be used by the body.

Oesophagus – A muscular tube which moves food from the mouth to the stomach.

Stomach – An organ in the digestive system where food is broken down with stomach acid and by being churned around.

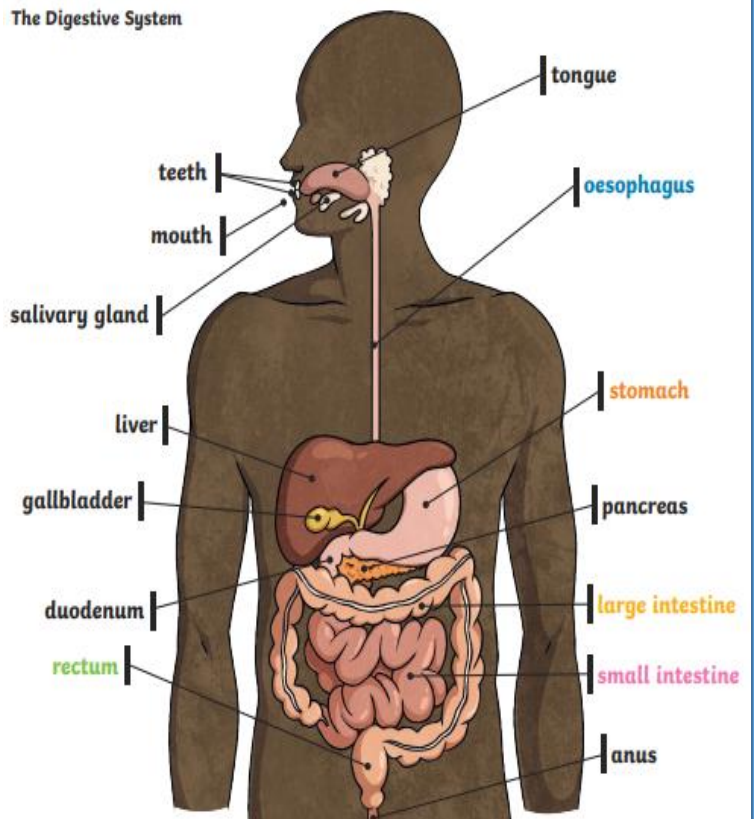
Small intestine – Part of the intestine where nutrients are absorbed into the body.

Large Intestine – Part of the intestine where water is absorbed from remaining waste food. Stools are formed in the large intestine.

Rectum – Part of the digestive system where stools (poo) are stored before leaving the body.

Diagrams and Symbols:

The Digestive System



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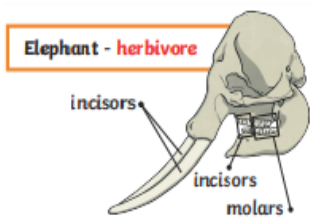
Key Knowledge:

Types of Teeth

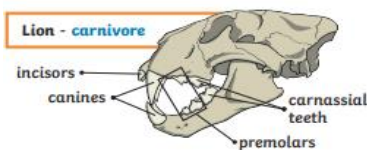
- **Incisor** – bites and cuts food.
- **Canine** – tears and rips food.
- Premolar – holds and crushed food.
- **Molar** – grinds food.

Animals and their teeth

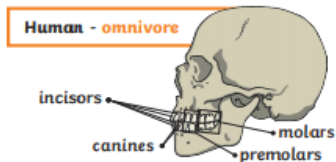
● **Herbivores** have **incisors** and **molars**. They need more **molars** to grind down the plants they eat.



● **Carnivores** have enlarged **canine** teeth to rip through the animals they eat.



● **Omnivores** have all 4 types of teeth, used to eat both meat and plants.



How to look after your teeth

- Limit sugary food and drink.,
- Brush your teeth twice a day.
- Visit your dentist regularly.

Possible Experiments:

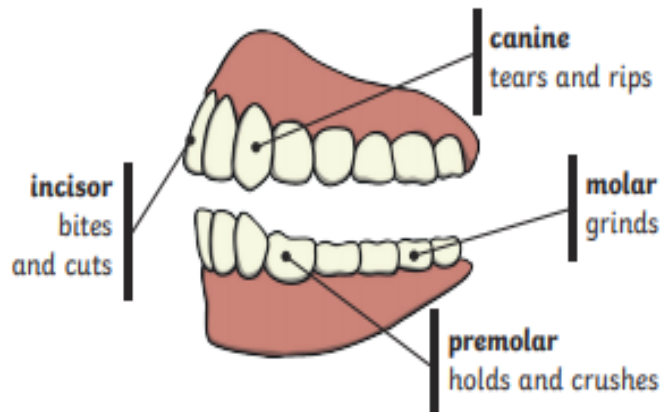
- Cow skull to look at types of teeth
- Salt dough modelling

Key Vocabulary:

- Herbivore** – An animal that eats plants.
- Carnivore** – Animals the feeds on other animals.
- Omnivore** – An animal that eats plants and animals.
- Producer** – A plant that produces its own food.
- Predator** – An animals that hunts and eats other animals.
- Prey** – An animal that gets hunted and eaten by another animal.
- Incisor** – A narrow-edged tooth at the front of the mouth.
- Canine** – A pointed tooth.
- Molar** – A grinding tooth at the back of the mouth.

Diagrams and Symbols:

Human Teeth and Their Functions



Some people have wisdom teeth but they have no function now.