



Year 4 will be exploring the topic: ‘Digestive System’. This unit of work will have a specific focus on animals including humans, living things – digestion and teeth.

Maths Learning

Mathematics:

Number: Place Value

Identify, represent and identify numbers using different representations.

Number: Roman Numeral

Read Roman numerals to 1000 (I to C) and know that each time the numeral system change to include the concept of 0 and place value.

Number: Negative Number

Count in multiples of 6,7,9,25,1000. Count backwards through 0 to include negative numbers.

Revision and consolidation:

Mentally adding 10 and 100 and counting in 25's 50's, 100's and 1000

English Learning

We will be reading:

‘Operation Gadgetman’, by Malorie Blackman.

Writing focus

Narrative

Create settings character and plot in narratives to engage the reader. Write narratives with a clear beginning middle and end and a coherent plot.

Diary entry

Developing empathy and drawing evidence from what is implied using evidence from the text. Developing comprehensions skills inferring meaning using evidence from the text

Home Learning

Parents can support in the following ways:

- Use the internet to research digestion and teeth.
- If you or someone you know has a pet, look at their teeth, are they the same are they different to yours? In what way?
- Practise rapid recall of all multiplication and division facts and apply these to real life problems.
- Practise handwriting and spelling word lists.
- Daily reading with opportunity for book discussion



'Digestive System'

Year 4

What I already know and can do:

In Science I have:

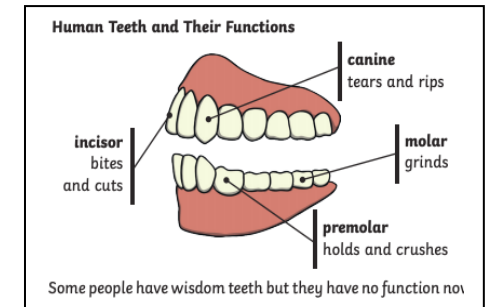
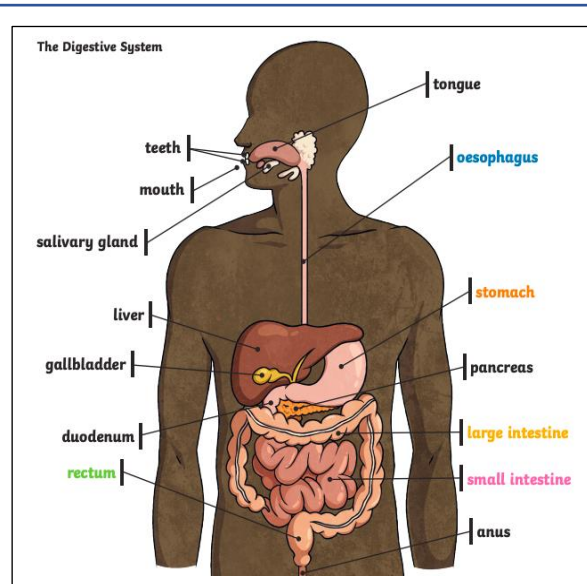
- Carried out simple investigations
- Prepared a simple investigation which is fair, with one changing factor
- Made predictions about the outcome of investigations
- Used simple scientific equipment
- I have learnt that sound travels as vibrations through the air
- I have learnt about simple circuits to light up a bulb
- Used evidence to draw conclusions
- Gathered information from simple texts
- Found out the importance of collecting scientific evidence

Key Vocabulary I will learn:

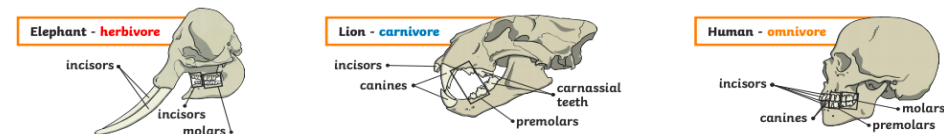
| | |
|------------------------|--|
| Digest | Break down food so it can be used by the body. |
| Oesophagus | A muscular tube which moves food from the mouth to the stomach. |
| Stomach | An organ in the digestive system where food is broken down with stomach acid and by being churned around |
| Small 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 | Stools are formed in the large intestine. |
| Rectum | Part of the digestive system where stools are stored before leaving the body through the anus |
| Herbivore | An animal that eats plants |
| Carnivore | An animal that feeds on other animals. |
| Omnivore | An animal that eats plants and animals. |
| Prey | An animal that gets hunted and eaten by another animal. |
| Predator | An animal that hunts and eats other animals. |
| Producer | An animal that gets hunted and eaten by another animal. |

My new learning is:

- To identify and name the parts of the human digestive system.
- To describe the functions of the organs in the human digestive system.
- To identify and describe the different types of teeth in humans.
- To describe the functions of different human teeth.
- To use food chains to identify producers, predators and prey.
- To construct food chains to identify producers, predators and prey.



The teeth of an animal are designed to eat different foods depending on the diet of the animal. Examples of a **herbivore**, a **carnivore** and an **omnivore** skull:



An Example of a Food Chain

The arrows in a food chain show the flow of energy.

