Science -Year 4 - autumn 2 - Animals Including Humans

Vocabulary	Meaning
canines	Teeth used for tearing and ripping food.
digest	To break down food so that it can be used by the body.
enzymes	Special molecules in the body that cause chemical reactions.
food chain	A series of organisms inter-related in their feeding habits.
glands	Organs that release fluids to be used by the body.
incisors	Teeth used for biting and cutting food.
large intestine	Absorbs water from waste food and forms stools from the waste food.
molars	Teeth at the back for the mouth that are used to grind food.
oesophagus	A muscular tube which forms the path from the mouth to the stomach.
predator	An animal that hunts and eats prey animals.
producer	Organisms that make their own food.
small intestine	Absorbs nutrients from food.

Skills

- To be able to label a diagram of the digestive system.
- To compare herbivores, carnivores and omnivores based on their diet.
- To use a ruler to draw tables and graphs to record my findings.
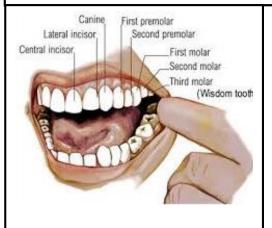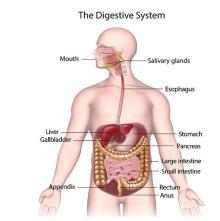- To explain how to keep it a fair test when researching.

Books

The Digestive System – Christine Taylor-Butler

Knowledge

- When food enters our bodies it goes through a process of digestion explain the various steps this includes.
- Name parts of the digestive system and explain the function of each part.
- Understand that organisms have different diets and they can be grouped according to their diets.

What I should be able to do and know now.

Knowledge:
- To know that teeth are used to chew food.
- To know that once food is swallowed it goes to the stomach.
- To know that animals can eat other animals but also plants.
- To know that not all animals eat the same diet.
- To know that food is used by the body to grow and stay healthy.
- To know that organs in the body have different functions to keep us alive.

Skills:
- Label a basic diagram using arrows.
- Draw a table to collect results for an experiment.
- Explain in small steps how a process happens.

Growth Mindset Strategies

If I find something challenging I can:

Look back at the information I have been given.

Ask a friend if they can help me.

Use a diagram or text book.

Look at the example the teacher gave me.

Use an I-pad to research.

What I will be learning

- That there are 4 types of teeth in the human mouth; canines, incisors, premolars and molars and each one is used for a different function.
- The journey of digestion that food goes through once it enters the mouth and is swallowed.
- The names and functions of the parts of the digestive system.
- The diets of herbivores, omnivores and carnivores and how animals are adapted to their diet.

What I will know and be able to do at the end of the topic.

Knowledge:

Can you name the 4 types of teeth in the mouth?
Can you explain what each type of teeth are used for?
The molar teeth are used to _____ and _____ food.
The canine teeth are used to _____ and _____ food.
The incisor teeth are used to _____ and _____ food.
What are the parts of the digestive system?
Can you explain what the job of the large intestine is?
Can you explain the process of digestion when food enters the mouth?
An omnivore eats _____ and _____ whereas a carnivore only eats _____ and a herbivore only eats _____.

Skills:

Recognise the parts of the digestive system and correctly label them.

Create a table using a ruler for collecting data from my research.

Explain how to make it a fair test when carrying out an experiment and carry this out in practice.