



Science Topic: Animals, including Humans

Year: 4 Term: Autumn 2

Key Knowledge/Content:

- Animals have teeth to help them eat.
- Different types of teeth do different jobs.
- Food is broken down by the teeth and further in the stomach and intestines where nutrients go into the blood.
- The blood takes nutrients around the body.
- Nutrients produced by plants move to primary consumers then to secondary consumers through food chains

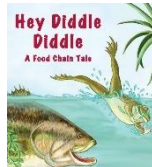
Scientist Focus:

Washington Sheffield (Dental Surgeon)

The inventor of modern toothpaste in a tube

Book Link:

Hey Diddle Diddle, A Food Chain
Tale- Pam Kapchinske



Links to:

Prior learning:

To know that animals eat different types of food to survive.

Future learning:

To create a classification system depending on animals and their characteristics.

Key vocabulary with definition:

Prior vocabulary:

- Mammal- An animal with fur, that produces young children
- Fish- Has gills and scales and lives in the water.
- Birds- Have feathers and wings and lay eggs.
- Reptiles- Have scales and cold blooded.
- Amphibians- Can live on land and in the water.

New vocabulary:

- Liver- Cleans blood and produces bile.
- Intestines- Absorbing digested food materials for energy.
- Pancreas- Makes enzymes important for digestion.
- Stomach- Hollow organ for storing and breaking down food.
- Gall bladder- Stores and produces bile.
- Oesophagus- Tube passing food from the mouth to the stomach.
- Canine- Sharper teeth for teeth food.
- Molar- Back teeth for crushing food.
- Incisor- Front teeth for biting food.
- Producer- Starting a food chain.
- Consumer- Living thing that eats food/ animals.

By the end of this unit

All children can: name the different types of teeth and **create** a food chain containing producers and consumers.

Most children can: compare the features of a producer and consumer and **describe** how the digestive system works, labelling the key parts.

Some children can: explain how people can protect their teeth and **understand** why dental hygiene is important in keeping our teeth healthy.

Background understanding for teachers and parents:

This unit will look at animals including humans. Children will look at the type of teeth we have and how they can be maintained with good dental hygiene. They will also look at and create food chains including a range of animals.

Curriculum Driver (one):

Healthy Lifestyle

Evidence outcome:

Understand how to keep our teeth healthy through effective dental hygiene and understand how to keep our digestive system healthy.