The Knowledge
Supporting the National Curriculum

Knowing More **Remembering More** **Learning More**

Animals including humans

ARDLEIGH GREEN
JUNIOR SCHOOL

Year 4
Science

Key Facts

- You have two sets of teeth in your lifetime.

- Adults have 32 teeth whilst children only have 20.

- Our stomach can stretch. An adult's stomach can hold approximately 1.5 litres of food and drink.

- Our oesophagus is approximately 25m long.

- It take 7 seconds for our food to travel to the stomach once you have swallowed it.

- Scientists believe we have wisdom teeth because our ancestors used to eat a lot of tougher food, such as leaves and nuts, which needed more grinding.

- **Incisors:** We have 8 and they are flat and are sometimes described as spade shapes.

- **Canines:** We have 4. They are pointy and sometimes referred to as fangs.

- **Pre-molars:** We have 8 and they are towards the back of our mouths. They hold and crush our food.

- **Molars:** There are 8 and they are the largest teeth which grind our food.

- **Wisdom:** We have four as we get older and they help to grind our food.

The digestive system

- What is our digestive system made up of?

- Teeth
- Mouth
- Tongue
- Salivary glands
- Oesophagus
- Liver
- Pancreas

- stomach
- large intestine
- small intestine
- rectum
- anus

Key Vocabulary

Digestive system: series of organs that break down food
Oesophagus: tubes running from mouth to stomach
Saliva: a fluid in the mouth which helps break down food
Peristalsis: the movement of food through parts of the digestive system
Incisors: front teeth for cutting food
Molars : wide, flat teeth for grinding food
Enamel very hard layer covering the tooth
Fluoride: ingredient in toothpaste that helps prevent cavities forming
Consumer: an animal which gets its food from other living things
Predator: an animal that gets its food from killing and eating other animals

Test Yourself

- What organs are in the digestive system?

- What is the function of the four different types of teeth?

- What is a food chain?

- What is a producer?

- What is a prey?

What I would like to know…