



## Endpoints for Science

### Year 4 – Food and the Digestive System



We will be learning about the human digestive system, exploring how food travels through the body starting with the teeth.

#### What I know and can explain

Food chains start with a plant (producer), show what animals eat within a habitat and how energy is passed on over time

The digestive system is responsible for digesting food and absorbing nutrients and water

The mouth, oesophagus, small intestine and large intestine are organs of the digestive system

The four different types of teeth are incisors, canines, premolars and molars

Incisors have sharp, straight edges for slicing and cutting food

Canines are pointed for gripping and tearing chewy food such as meat.

Pre-molars and molars are wide and have cusps, for crushing and grinding up food so it is small enough to swallow

Regular teeth brushing, limiting sugary foods and visiting the dentist are important for good oral hygiene

#### Useful Vocabulary

**Carbohydrate** - A nutrient that is the body's main source of energy and found in foods such as potatoes and pasta

**Consumer** - A living thing that eats other living things

**Digestion** - The process where food is broken down into small particles that can be absorbed by the body

**Digestive system** - All the body parts that work together to digest food, including the mouth, oesophagus, stomach, small intestine and large intestine.

**Food chain** - A diagram that shows how food energy is transferred from one living thing to another

**Predator** - An animal that hunts, kills and eats other animals for food

**Producer** - A producer is a living thing which produces its own food using an external source of energy, usually the Sun.