



# Subject Theme Overview

Year 4

Charlton Kings Junior School

<b>Subject</b>	Science	<b>Theme</b>	Animals, including humans – teeth and digestion	<b>Term</b>	Summer 6
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### What should I already know?

- A variety of common animals that are carnivores, herbivores and omnivores
- Animals, including humans, need water, air and food for survival
- Many animals, including humans, have a skeleton for support, protection and movement
- Humans need a balanced diet, containing the right types and amounts of food
- Humans need to consume food – they cannot make it inside their bodies

### Working Scientifically

Set up a simple practical enquiry (what damages our teeth and how can we protect them?)

Make careful observations (and use these to draw conclusions) (of the teeth of different creatures)

Make simple conclusions (about animals' diets based on their teeth)

### Investigations

- Identifying herbivores and carnivores from their teeth; why are their teeth different?
- What damages our teeth? How can we protect them?
- What does each part of the digestive system actually do?
- How do our ideas about the digestive system compare to a model?

### What should I know by the end of the unit?

- The basic parts of the human digestive system and their simple functions (mouth, tongue, teeth, oesophagus, stomach, small and large intestine)
- The different types of teeth in humans and their simple functions (incisors, canines, premolars, molars)

### Significant scientific ideas

The digestive system is one of a number of systems that work together to make humans function. Others include the musculoskeletal system (Y3), reproductive system (Y5), circulatory, nervous and respiratory systems.

### Key Vocabulary

<b>digestive system</b>	The parts of the body that work together to turn food and liquid into the building blocks and energy a body needs
<b>oesophagus</b>	Tube connecting the mouth to the stomach (the 'food pipe')
<b>intestine</b>	Tube connecting the stomach to the anus. It helps digest food.
<b>herbivore</b>	An animal that feeds on plants
<b>carnivore</b>	An animal that feeds on meat (other animals)
<b>omnivore</b>	An animal that feeds on both plants and other animals
<b>incisor</b>	Narrow-edged tooth at the front of the mouth, for cutting
<b>canine</b>	Pointed tooth between the incisors and premolars, for gripping and tearing
<b>molar</b>	Flat-topped teeth at the back of the mouth, for grinding