

Year 4 - Animals including humans

Do we just need our teeth to eat?

Prior learning

In Year 3, you learnt about the human skeleton and having a nutritious diet.

Future learning

In Year 5, you will learn how about human development.

In this unit you will:

- Describe the simple functions of the basic parts of the digestive system in humans
- Identify the different types of teeth in humans and their simple functions
- Construct and interpret a variety of food chains, identifying producers, predators and prey

Key Scientist: Dr Megan Rossi



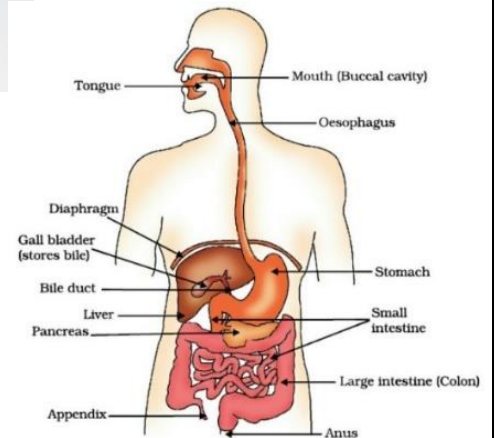
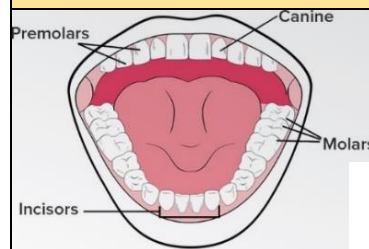
Dr Megan Rossi is an Australian scientist and became interested in gut research. She is a qualified dietitian and has written many recipe books.

Science discipline: **Biology**

Biology is the study of living things. A biologist is a scientist who studies biology. Biologists try to understand the natural world and the things that live in it.



Scientific diagram



Vocabulary:

- **Digestion:** The process by which food and drink are broken down into smaller parts so that the body can use them to build and nourish cells and to provide energy.
- **Nutrients:** Important substances you get from food that help your body survive and grow.
- **Plaque:** A sticky, slimy substance made up mostly of the germs that cause tooth decay.
- **Bacteria:** Tiny, single-celled organisms that get nutrients from their environments.
- **Enamel:** The hardest substance in your whole body, and it covers and protects your teeth.
- **Cavity:** A hole that can grow bigger and deeper over time in tooth.
- **Enzymes:** Important substances made by the cells of plants and animals.