



Year 4 Animals including humans

Strand: Biology

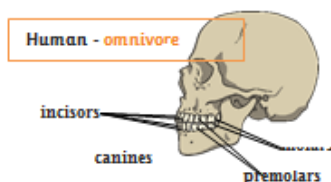
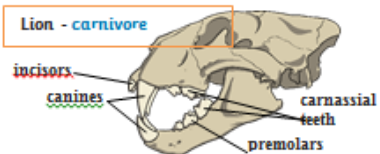
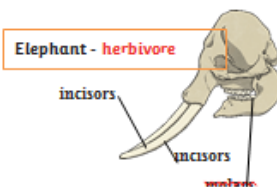
Big idea: Living things are special collections of matter that make copies of themselves, use energy and grow.

Big question: What happens to food in my body?

Topic vocabulary

digest	The break down of food that can be absorbed and used by the body
excrete	to get rid of from the body.
saliva	a liquid produced by the mouth that helps us to chew and digest food.

The teeth of an animal are designed to eat different foods depending on the diet of the animal.



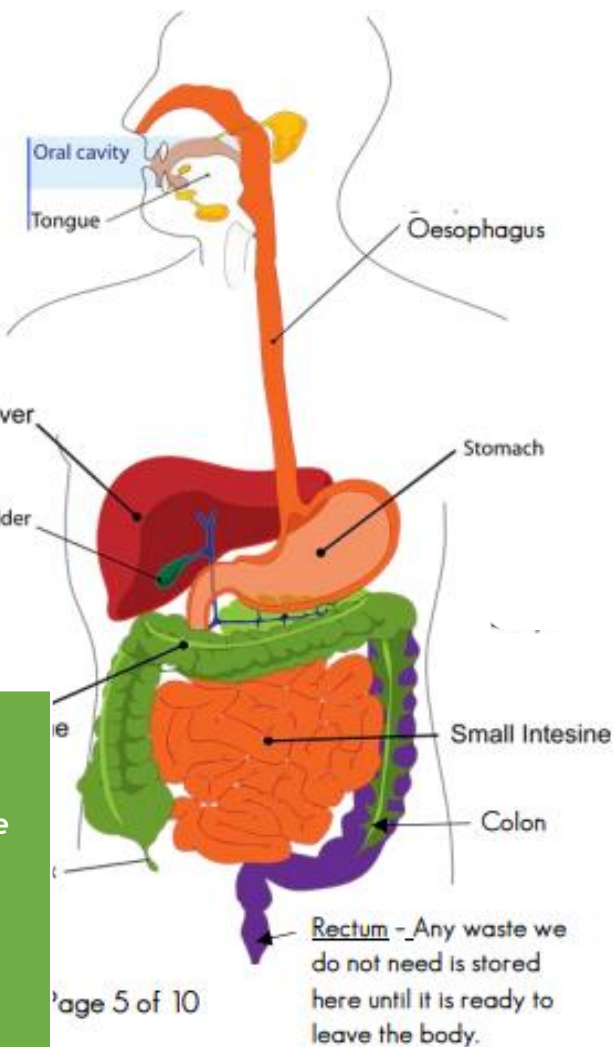
Mouth - Where food first enters the body. It is chewed and mixed with saliva, then swallowed.

Teeth - Used to break food into smaller pieces making it easier to swallow.

Oesophagus - Tube of muscle which connects the mouth to the stomach.

Stomach - Food is mixed with stomach acid and broken down to form a liquid.

Intestines - Liquid from the stomach passes into the small and large intestines. This is where nutrients and water we need is passed into the blood stream and transported around our body

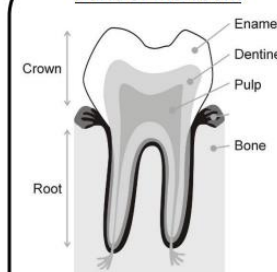


To help prevent tooth decay:

- limit sugary food and drink;
- brush teeth twice daily using a fluoride toothpaste;
- visit your dentist regularly.



Parts of the Tooth

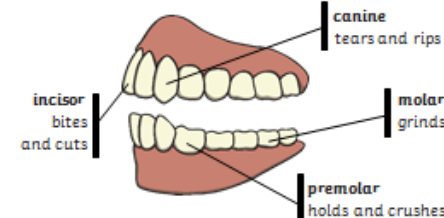


Enamel: The visible part of the tooth. It is harder than bone and protects the tooth.

Dentine: Found underneath the enamel and is similar to bone.

Pulp: Found in the centre of the tooth and is full of blood vessels and nerves. It supplies the tooth with nutrients.

Human Teeth and Their Functions



Some people have wisdom teeth but they have no function now.

Key Scientist Robert Tanner Freeman

He became the first African-American dentist when he graduated from Harvard Dental School in the Spring of 1869.

He served his community with the mission of extending dental treatment and education to the impoverished, disabled, and minorities.

