



Year 4 – Animals including humans

The small intestine is about 6 metres long, while the large intestine is only about 1.5 metres long.

The average adult human produces about 160 kg of poo in a year!



ROCKET WORDS – learn these words and their definitions

Key Word	Definition
digestion	Breaking food down into smaller pieces that can be absorbed into the blood
absorb	Take in or soak up (energy or a liquid or other substance)
organ	Organs are the body's recognisable structures
oesophagus	Tube connecting your mouth to your stomach
stomach	Organ which churns food and contains acid
small intestine	The organ where most digestion happens and the nutrients from the food are absorbed into the blood
large intestine	Organ that absorbs water from food that is not digested
incisor	Sharp teeth at the front of the mouth for cutting food
canine	Pointed teeth at the side of the mouth for ripping
molar	Blunt teeth at the back of the mouth for grinding food

The Digestive System

Follow the boxes to see where your food travels through the digestive system.

1

mouth

Food is chewed by the teeth and saliva is added.



liver – makes a substance called bile that helps to break down fat

5

large intestine

Excess water is absorbed.

6

rectum and anus

Food is stored in the rectum and then leaves the body via the anus.

2

oesophagus

After food is swallowed, it passes down the **oesophagus**, which connects your mouth to your **stomach**.

3

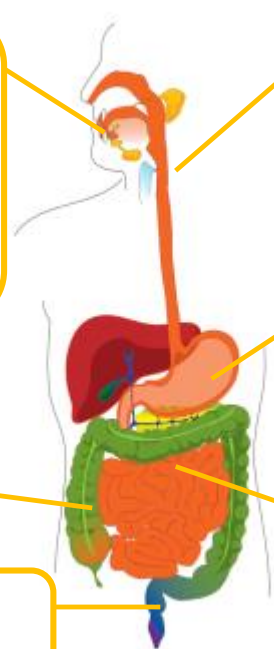
stomach

Food is churned and mixed with acid.

4

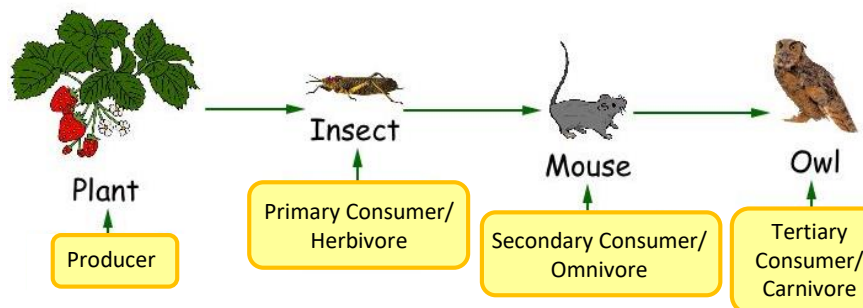
small intestine

Most of the **digestion** happens here. The **nutrients** from the foods are then absorbed into the bloodstream.



Food chains

Food chains show the path of energy from one living thing to another.



Producers convert light energy into food by a process called **photosynthesis**.

Animals are called **consumers** because they eat plants and other animals to get their energy.

Herbivores only eat plants.

Omnivores eat both plants and animals.

Carnivores eat only animals.