Key Knowledge

**Digestion** means to break down food so it can be used by the body for nutrients and energy.

The **stomach** is an organ where food is broken down with stomach acid and being churned around.

The **oesophagus** is a muscular tube which moves food from the mouth to the stomach.

Your **heart** is a very strong muscle and plays an important role in the **circulatory system** to keep the blood flowing.

You heart first pumps blood to the **lungs**. Here, the blood picks up **oxygen** from the air that is breathed in.

The blood (carrying oxygen) then travels back to your heart. The **heart** gives the blood a second push. This time, it’s sent around the body to various **organs**.

The blood travels back to the heart and the process starts again.

Science Year 6
Spring

**Animals including humans**

Key Questions

What are the main organs in the circulatory and digestive system?

What is the function of the heart?

What is the impact of diet, exercise, drugs and lifestyle on the human body?

How do nutrients travel around the body in humans and animals?

Key Vocabulary

- Heart
- Digestive
- Circulatory
- Organ
- Skeletal
- Blood Vessel
- Respiratory
- Capillaries
- Gallbladder
- Arteries
- Large/small intestine
- Oesophagus
- Veins