

Nova's Human Body Discovery Flashcards

Learning objective: To identify and understand the functions of the main organs and systems in the human body, including the circulatory and digestive systems.

Read the front of the card to test your knowledge. Flip the card to check your answer. Use these to quiz yourself or a partner to prepare for your science assessment.

What is the primary function of the heart in the circulatory system?

The heart acts as a pump to circulate blood around the body, delivering oxygen and nutrients to cells.

Which gas do we breathe in that is essential for our bodies to function?

Oxygen.

What is the main role of the small intestine during digestion?

To absorb nutrients from digested food into the bloodstream.

What do we call the blood vessels that carry blood away from the heart?

Arteries.

What is the process called where the body releases energy from food?

Respiration.

Which organ is responsible for filtering waste products from the blood?

The kidneys.

What are the tiny air sacs in the lungs where gas exchange happens called?

Alveoli.

Why is it important to have a balanced diet for our body systems?

To provide the correct nutrients, vitamins, and minerals needed for growth, energy, and repair.

What is the function of the oesophagus?

It is the muscular tube that carries food from the mouth down to the stomach.

What is the role of white blood cells in the body?

To help fight off infections and diseases as part of the immune system.

True or False: Veins carry blood back to the heart.

True.

Nova asks: Which system includes the brain, spinal cord, and nerves?

The nervous system.