Nova’s Circulatory System Flashcards

Learning objective: To understand the main parts of the human circulatory system and how they transport nutrients, water, and oxygen around the body.

Read the front of the card to test your knowledge. Flip it over (or check the answer after the pipe symbol) to see if you are correct. Use these to revise for your Grade 5 science assessment.

What is the main function of the human circulatory system?

To transport oxygen, nutrients, and water to the body's cells and remove waste products like carbon dioxide.

Which muscular organ acts as a pump to push blood around the body?

The heart.

What are the three main types of blood vessels?

Arteries, veins, and capillaries.

Which blood vessels carry oxygenated blood away from the heart to the rest of the body?

Arteries.

Which blood vessels carry deoxygenated blood back towards the heart?

Veins.

What are the tiny, thin-walled vessels where gas exchange occurs between blood and tissues?

Capillaries.

Which gas is picked up by the blood from the lungs to be delivered to the body's cells?

Oxygen.

Which waste gas is collected from the body's cells and transported to the lungs to be breathed out?

Carbon dioxide.

What does the blood transport from the digestive system to the rest of the body?

Nutrients.

True or False: The circulatory system works alongside the respiratory system to provide the body with oxygen.

True.