

## The ASPIRE Curriculum-Key Learning



Year: 6

Title: Animals Including Humans

Subject: Science

Key Knowledge	Key Skills	Key Vocabulary
The heart pumps blood to the lungs to get oxygen. It then pumps this oxygenated blood around the body. Blood transports:	To know the three main parts of the circulatory system and describe the job of the heart.	<i>Circulatory system:</i> A system which includes the heart, veins, arteries and blood transporting substances around the body. <i>Heart:</i> An organ which constantly pumps blood around the circulatory system.
Mammals have hearts with four chambers. Notice body body body body that has come from the body is deoxygenated, and the four the body is form	To describe the important jobs of the blood vessels and blood.	<i>Blood vessels:</i> The tube-like structures that carry blood through the tissues and organs. <i>Veins:</i> Arteries and capillaries are the three types of blood vessels.
blood that has come from the lungs is oxygenated again. The blood isn't actually red and blue: that on a diagram.	To be able to describe the importance of exercise and how it affects the heart.	<i>Oxygenated blood</i> : Oxygenated blood has more oxygen. It is pumped from the heart to the rest of the body. deoxygenated blood <i>Deoxygenated blood</i> : is blood where most of the oxygen
Capillaries are the smallest blood vessels in the body and it is here that the exchange of water, nutrients, oxygen and carbon dioxide takes place. Arteries carry arteries veins	To be able to plan a scientific enquiry. To be able to record, report and present results appropriately.	has already been transferred to the rest of the body. <b>Drug:</b> A substance containing natural or man-made
oxygenated       capillaries       Veins       carry         blood       away       from       the         from       the       blood       tward         theart.       the       transference	To understand that regular exercise is important for a healthy body.	chemicals that has an effect on your body when it enters your system.
P Ias ma       Platelets       help       you         stop bleeding when       you       you       you         The other       you get hurt.       you       you         your blood       Red blood cells       you       through your body.         grant are solid.       You you       You       you       through your body.	To be able to explain how diet and exercise affect the body.	<i>Alcohol:</i> A drug produced from grains, fruits or vegetables when they are put through a process called fermentation. <i>Nutrients:</i> Substances that animals need to stay alive and
Prugs, alcohol and smoking have negative effects on the body.	<ul> <li>To be able to recognise the impact of drugs and alcohol on the way bodies function.</li> </ul>	healthy.

## Luke 1:37 "For with GOD nothing shall be impossible"

## **#ASPIRE**