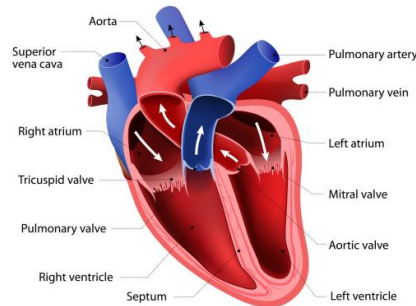


Year 6 Summer

Animals Including Humans – The Circulatory System

Enquiry Question: What is blood?



What should I already know?	What will I know at the end of the unit?
<ul style="list-style-type: none"> I can identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat. I can identify that humans and some other animals have skeletons and muscles for support, protection, and movement. I can describe the simple functions of the basic parts of the digestive system in humans. I can identify the different types of teeth in humans and their simple functions. I can construct and interpret a variety of food chains, identifying producers, predators, and prey. I can describe the changes as humans develop to old age. 	<ul style="list-style-type: none"> I understand the function of the heart and its role in the circulatory system. I can identify and compare blood vessels. I can explore blood. I know how the body transports water and nutrients. I can investigate what affects your heart rate. I know about the impact of drugs and alcohol on the body.

Vocabulary	
circulatory system BPM diet pulse oxygenated deoxygenated	atrium ventricle vessel valve diffusion osmosis

Recommended Reads	Jobs for the future
	

Suggested Investigations
Which type of exercise has the greatest effect on our heart rate? (Comparative) How does the length of time we exercise for affect our heart rate? (Fair Test) How does my heart rate change over the day? (Observations over time) Is there a pattern between what we eat for breakfast and how fast we run? (Pattern seeking) How have our ideas about disease and medicine changed over time? (Research)