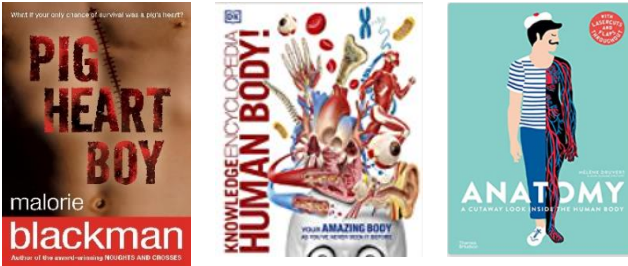
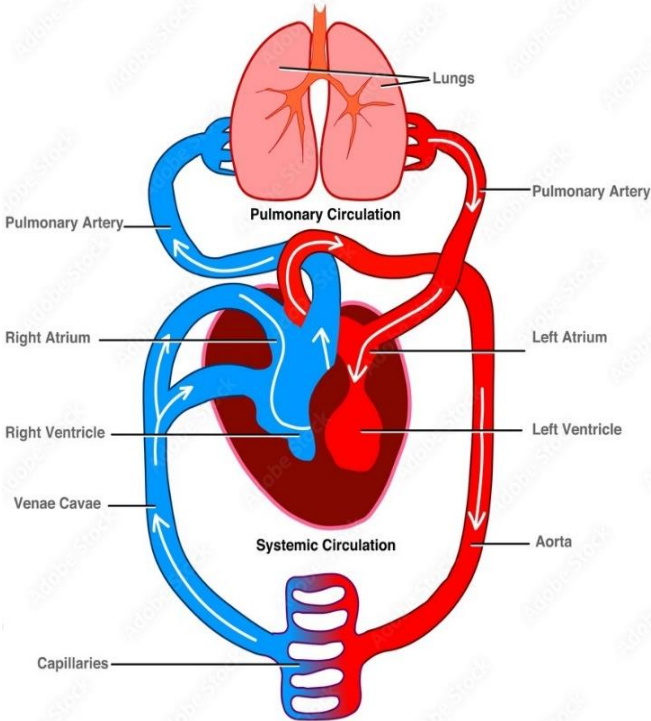


YEAR 6 SCIENCE – ANIMALS, INCLUDING HUMANS- Autumn 1

Tier 3 Vocabulary	Knowledge Facts	Book curriculum	
Circulation system: Permits blood to circulate and transport nutrients around the body.	The circulatory system is made up of blood vessels that carry blood away from and to the heart. Arteries carry blood away from the heart; veins carry blood back to the heart.		
Heart: A muscular organ that pumps the blood through the circulatory system	The main function of the circulatory system (the heart, blood and blood vessels): provide oxygen and nutrients to muscles, tissues and organs.		
Lungs: The organ that gathers in air as part of breathing.	Nutrients and water are transported and absorbed in the system in the stomach, small and large intestines.		
Blood: The liquid that transports oxygen around the body.	A healthy diet/lifestyle balances the needs of your body with the kinds of food you eat. Different nutrients support different parts of the body.		
Oxygen: A colorless, odorless gas humans inhale.	Exercise: physical activity requiring effort, increases heart rate and works your muscles (investigation).		
Vein: A blood vessel carrying blood back to the heart.	Drugs are legal but only if you have been prescribed them. Illegal drugs can lead to serious health problems. Alcohol is a legal drug but there are restrictions and recommended limits on its use. Assessment (test)	<h3>Heart and Blood Circulation System</h3> 	
Artery: A blood vessel carrying blood away from the heart.			
Protein: A nutrient needed by the human body for growth and maintenance.	National Curriculum End Points Describe the ways in which nutrients and water are transported within animals, inc. humans. Identify and name the main parts of the human circulatory system , and describe the functions of the heart, blood vessels and blood. Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.		
Fibre: Helps regulate the body's use of sugars, helping to keep hunger and blood sugar in check (indigestible).			
Carbohydrates: One of the main nutrients found in food: provides energy for cells, tissues, and organs.			
Fat: Essential to give your body energy and to support cell function.			
Drug: Any substance that has an effect on you body when it enters your system.	