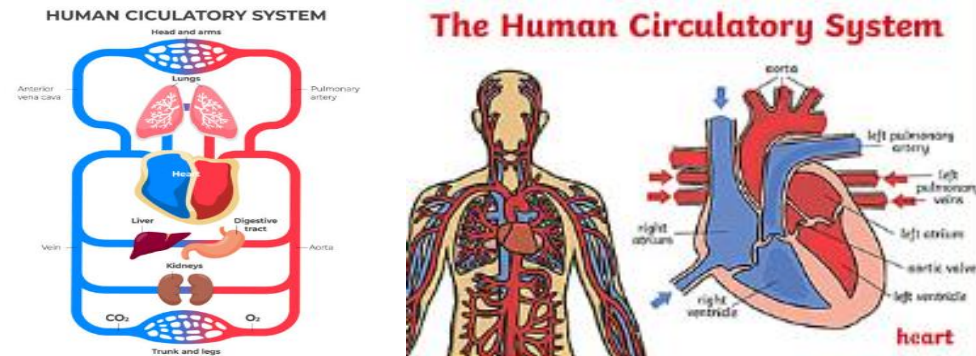
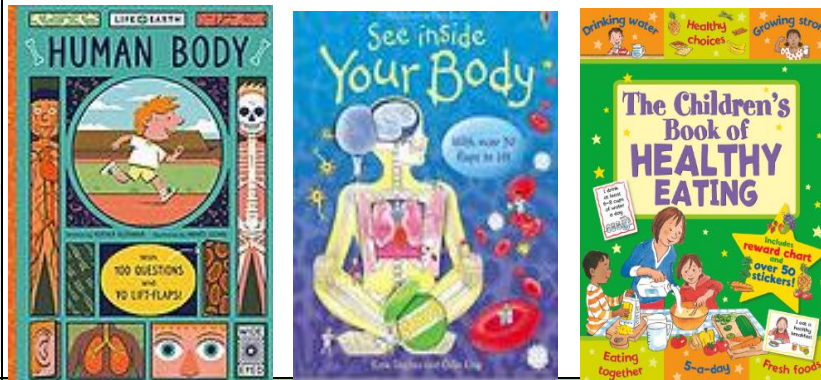






Broomwood Primary School Knowledge Organiser



UKS2 Animals Including Humans - Is it right to fight?

Subject Specific Vocabulary		Memorable Image	Exciting Books
Circulatory System	The circulatory system is a network within the body that consists of blood, blood vessels, and the heart.		
Nutrients	Nutrients are important substances you get from food that help your body survive and grow		
Heart	A heart is an organ that pumps continuously. This pumping moves blood around the body, which is vital for providing the body with nutrients and oxygen.		
Lungs	Lungs are body parts, used for breathing. They are part of the body's respiratory system. All animals that have a backbone and breathe air have lungs.		
Artery	Arteries are the large vessels that carry blood through the heart, around to every part of your body.	Sticky Knowledge	Scientist
Vein	A vein is a type of blood vessel that carries deoxygenated blood away from the body's tissues and back to the heart. They form part of the circulatory system.		
Drug	A drug is a chemical that you take into your body, which changes the way you feel and act.		
Pulse Rate	Pulse is a steady beat like a ticking clock or your heartbeat. It can be measured in time by counting the number of beats per minute.		
Vitamin	Vitamins are nutrients that humans need to grow, reproduce, and be healthy.		
Mineral	Minerals are inorganic substances that do not come from an animal or a plant.		
Iron	Iron is a mineral found in plants and animals and all living things.		
Oxygenation	Two types of blood vessels carry blood throughout our bodies: Arteries carry blood that have oxygen from the lungs to the heart then to the rest of the body.		
De-oxygenation	De-oxygenated blood is the blood that has a low oxygen saturation in comparison to blood leaving the lungs.		
Reproduce	To reproduce is to make more, either by having babies or creating copies.	I know the main parts of the circulatory system and their functions. I know and can list foods that provide energy for activity and food that contain large amounts of sugar and fat. I know that fruit and vegetables are vital to maintain good health. I know how nutrients and water are transported within animals, including humans. I know and can explain what the word drug means and how they can both help and harm. I know and can explain the possible effects of smoking on the human body. I know and can describe the changes as humans develop to old age.	 <p>My name is Christiaan Barnard and I am a cardiac surgeon who performed the first successful human heart transplant in 1922.</p>  <p>My name is Yu Youyou and I am a Nobel prize winner for finding a traditional cure for Malaria.</p>
Gestation	The time between egg fertilisation and giving birth is called the gestation period.		
Excrete	It is the process of eliminating waste products of metabolism and other non-useful materials.		