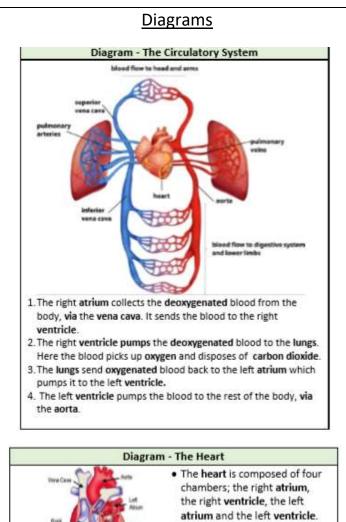
What should I already know?	What will I know by the end of this unit?	Vocabulary Aorta - the main artery through which blood leaves your heart before it
 Which things are living and which are not. Classification of animals (e.g. amphibians, reptiles, birds, fish, mammals, invertebrates) Animals that are carnivores, herbivores and omnivores. Animals have offspring which grow into adults. The basic needs of animals for survival (water, food, air) The importance of exercise, hygiene and a balanced diet. Animals get nutrition from what they eat. Some animals have skeletons for support, protection and movement. The basic parts of the digestive system. The different types of teeth in humans. Respiration is one of the seven life processes. The life cycle of a human and how we change as we grow 	What will I know by the end of the unit?What is the circulatory system?• The circulatory system is made of the heart, lungs 	 flows through the rest of your body Arteries - a tube in your body that carries oxygenated blood from your heart to the rest of your body Blood vessels - the narrow tubes through which your blood flows. Arteries, veins and capillaries are blood vessels. Capillaries - tiny blood vessels in your body carbon dioxide- a gas produced by animals and people breathing out Circulatory system - the system responsible for circulating blood through the body, that supplies nutrients and oxygen to the body and removes waste products such as carbon dioxide. Deoxygenated- blood that does not contain oxygen Heart - the organ in your chest that pumps the blood around your body Lungs - two organs inside your chest which fill with air when you breathe in. They oxygenate the blood and remove carbon dioxide from
		Organ - a part of your body that has a particular purpose Oxygen - a colourless gas that plants and animals need to survive Oxygenated blood - that contains oxygen Pulse - the regular beating of blood through your body. How fast or
	Why is exercise so important? Exercise can: • tone our muscles and reduce fat • increase fitness • make you feel physically and mentally healthier • strengthens the heart • improves lung function • improves skin	

Scientific enquiry

- How does your pulse change with exercise? What is the most efficient way of presenting this data?
- Which exercise produces the fastest pulse? How would you make this a fair test?



De Cryproleit State

