Bomere and the XI Towns Federation Knowledge Organiser—Science

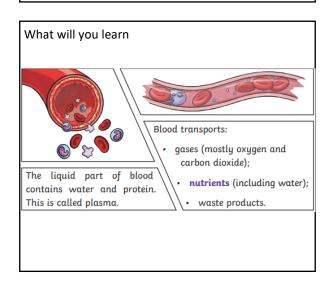
Topic: Science— Heart and Lungs

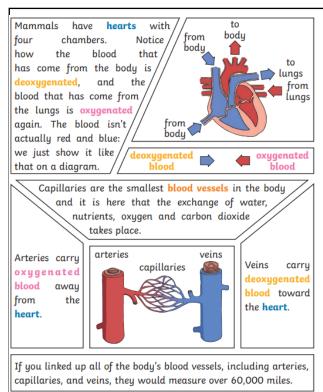
Class/Year Groups: Year 6

Term: Autumn

What you already know?

Pupils have not studied the heart and circulatory system in detail before, though they should be able to name the organs.





Vocabulary:	
Circulatory System	A system which includes the heart, veins, arteries and blood transporting substances around the body.
Heart	An organ which constantly pumps blood around the circulatory system.
Blood Vessels	The tube-like structures that carry blood through the tissues and organs. Veins, arteries and capillaries are the three types of blood vessels.
oxygenated blood	Oxygenated blood has more oxygen. It is pumped from the heart to the rest of the body.
deoxygenated blood	Deoxygenated blood is blood where most of the oxygen has already been transferred to the rest of the body.



National Curriculum Objectives:

- , Identify and name the main parts of the human circulatory system, and explain the functions of the heart, blood vessels and blood
- recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function
- describe the ways in which nutrients and water are transported within animals, including humans.

