



St Bartholomew's Knowledge Organiser	Class 4	Spring 2 Science – Year B	Animals including Humans: Humans & Health
<b>What we will learn:</b>		<b>Science Knowledge</b>	
<p>In this unit you will learn:</p> <ul style="list-style-type: none"> <li>➤ To label the major organs of the human body</li> <li>➤ About the circulatory system and what its function is in your body.</li> <li>➤ About the heart, its different parts and how it keeps blood moving around your body.</li> <li>➤ To carry out an investigation of your choosing about pulse rates and write it up as a scientific report.</li> <li>➤ To research the different food groups and understand how the body uses them to keep healthy.</li> <li>➤ About the parts which make up our blood and what their functions are in our bodies.</li> <li>➤ To write a non-chronological report on the heart – choosing to focus on areas which interest you.</li> <li>➤ Explain how nutrients and water are transported through the body</li> <li>➤ Examine the impact of a healthy/unhealthy diet and lifestyle on the body</li> <li>➤ Identify the effects of drugs on the human body</li> </ul>		<ul style="list-style-type: none"> <li>➤ Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood.</li> <li>➤ Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.</li> <li>➤ Describe the ways in which nutrients and water are transported within animals, including humans.</li> </ul>	
<b>Important Vocabulary</b>		<b>Science skills we will develop:</b>	
<p>heart, pulse-rate, pumps, blood, blood vessels, arteries, veins, transported, lungs, oxygen, carbon dioxide, nutrients, water, muscles, cycle, circulatory system, diet, exercise, drugs, lifestyle</p>		<ul style="list-style-type: none"> <li>➤ Identify scientific evidence that has been used to support or refute ideas or arguments.</li> <li>➤ Plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary.</li> <li>➤ Report and present findings from enquiries, including conclusions, causal relationships and explanations of results.</li> </ul>	