



Unit: Organisation	<ol style="list-style-type: none"> 1. Cells, tissues & organs. 2. The digestive system (req prac) 3. The heart and blood vessels 4. Blood 	<ol style="list-style-type: none"> 5. Coronary Heart Disease 6. Health issues 7. Effect of lifestyle on health 	<ol style="list-style-type: none"> 8. Cancer 9. Plant tissues 10. Plant organ systems
LESSONS			
Knowledge & Skills Development	<ul style="list-style-type: none"> • Classify cells, tissues, organs and organ systems. • Structure and function of the digestive system including bile, glandular tissue. • Structure and function of the heart. • Names and structure of the 3 types of blood vessels. • Components of blood functions. • Definition of CHD 	<ul style="list-style-type: none"> • Awareness of the risk factors that can contribute to CHD. • Definition of health including mental health. • Lifestyle choices and the effect these have on health. • Definition of cancer. Differences between malignant and benign. • Classification of plant cells, tissues, organs and organ systems. 	
Assessment / Feedback Opportunities	Formative Assessment Teacher questioning Quizzes Exam style questions Mid-topic assessment		Summative assessment End of topic assessment Exam questions in future end of topic assessments to assess recall
Key Vocabulary	Independent Variable, Dependent Variable, Control Variables, Method, Conclusion, Precaution, Evaluation, Reliable, Precision, Valid, Anomaly, Describe, Explain, Compare, Analyse, Calculate, Suggest Arteries, Veins, Capillaries Heart Atria, Ventricles. Pacemaker Red blood cells, White blood cells, Plasma, Platelets, Haemoglobin, Double circulatory system, Oxygen, Oxygenated and deoxygenated, blood, Digestion, Enzyme, Active site, lock and key theory, denature, catalyst, Optimum, Protease, Lipase, Carbohydase, Amylase, Bile, Glandular tissue, Stomach, Epithelial tissue, Non-communicable, disease, Communicable, Risk factor, Coronary heart disease, Stent, Statins, Disease, Tumours, Benign, Malignant, Lifestyle, risk factors, Genetic risk factors, Type 1 & 2 diabetes		
Literacy/Reading Opportunities	Subject specific vocabulary introduced before reading of related texts Word etymology from Latin and Greek roots Reading of simple and complex sentences, paragraphs, articles Scientific writing including structuring methods, comparisons and evaluations		
Cross Curricular Themes	Numeracy/Maths – averages (means), reading scales, graph plotting, lines of best fit, using and rearranging equations, using scientific calculators PE – Blood vessels, structure of heart, cardiac cycle and the pathway of the blood		

Personal Development (Including British Values, RSE, Citizenship)	Factors that affect public health Blood donation
Career Opportunities	Nursing, medicine, nutritionist, cardiologist, health visitor, horticulture