



Sequence			
TOPIC (S) Physiology of Human Body Systems	<ol style="list-style-type: none"> 1. Structure of the musculoskeletal System 2. Function of the musculoskeletal System 3. Health matters and treatments related to the musculoskeletal System 	<ol style="list-style-type: none"> 4. Structure of the Lymphatic System 5. Function of the Lymphatic System 6. Health Matters and treatments related to the Lymphatic System 	<ol style="list-style-type: none"> 7. Structure of the Digestive System 8. Function of the Digestive system 9. Health matters and treatments related to the digestive system
Knowledge & Skills development	<ul style="list-style-type: none"> • Knowledge of Axial and appendicular skeleton consisting of various bone types and joints • Composition and location of ligaments and tendons • Major Muscle groups and structure of muscle fibres • Function of musculoskeletal system • How normal movement occurs • The causes, signs, symptoms and treatments of disorders of the musculoskeletal system • Structure of the Lymphatic system including the composition and location of major lymph nodes and organs • Function of the lymphatic system • The causes, signs, symptoms and treatments of disorders of the lymphatic system- namely Hodgkins lymphoma 		<ul style="list-style-type: none"> • Structure of the digestive system to include the digestive organs and accessory organs eg the pancreas, liver and gall bladder • Processes involved in digestion, absorption and assimilation of nutrients to include enzyme action • Developing a knowledge and skills to carry out appropriate practical tests for the presence of macro nutrients • Importance and effect on health of macro and micronutrients • The causes, signs, symptoms and treatments of disorders of the digestive system and the physiological reasoning behind treatments
Assessment / Feedback Opportunities	Teacher marking of assignment tasks	Live marking during lessons	Targeted questioning
Cultural Capital	<ul style="list-style-type: none"> • • 		
SMSC / Promoting British Values (Democracy, Liberty, Rule of Law, Tolerance & Respect)	<ul style="list-style-type: none"> • Listening to others during presentations • Working in groups during practical work or research tasks • 		
Reading opportunities	<ul style="list-style-type: none"> • Recommended Read: The Digestive System: Systems of the Body Series, 2e by Margaret E. Smith PhD DSc and Dion G. Morton MD DSc • Recommended Read: Your Digestive System (Searchlight Books — How Does Your Body Work?) by Rebecca L. Johnson • Recommended Read: Dr. Vodder's Manual Lymph Drainage: A Practical Guide by Hildegard Wittlinger, Dieter Wittlinger, et al. • Recommended Read: Basic Biomechanics of the Musculoskeletal System by Margareta Nordin and Victor H. Frankel 		

Key Vocabulary	Describe Explain, compare, Analyse, Evaluate
Digital Literacy	Office365 applications including SharePoint
Cross-Curricular Links	Numeracy/Maths – averages (means), reading scales, graph plotting, lines of best fit Literacy- coursework extended writing
Careers	PE teacher, Biology teacher, physiotherapist, radiographer, paramedic, nurse