



Unit: <b>Physiology</b>	<ol style="list-style-type: none"> <li>1. Structure of the musculoskeletal System</li> <li>2. Function of the musculoskeletal System</li> <li>3. Health matters and treatments related to the musculoskeletal System</li> </ol>	<ol style="list-style-type: none"> <li>4. Structure of the Lymphatic System</li> <li>5. Function of the Lymphatic System</li> <li>6. Health Matters and treatments related to the Lymphatic System</li> </ol>	<ol style="list-style-type: none"> <li>7. Structure of the Digestive System</li> <li>8. Function of the Digestive system</li> <li>9. Health matters and treatments related to the digestive system</li> </ol>
<b>LESSONS</b>			
<b>Knowledge &amp; Skills Development</b>	<ul style="list-style-type: none"> <li>• Knowledge of Axial and appendicular skeleton consisting of various bone types and joints</li> <li>• Composition and location of ligaments and tendons</li> <li>• Major Muscle groups and structure of muscle fibres</li> <li>• Function of musculoskeletal system</li> <li>• How normal movement occurs</li> <li>• The causes, signs, symptoms and treatments of disorders of the musculoskeletal system</li> <li>• Structure of the Lymphatic system including the composition and location of major lymph nodes and organs</li> <li>• Function of the lymphatic system</li> <li>• The causes, signs, symptoms and treatments of disorders of the lymphatic system- namely Hodgkins lymphoma</li> </ul>		<ul style="list-style-type: none"> <li>• Structure of the digestive system to include the digestive organs and accessory organs eg the pancreas, liver and gall bladder</li> <li>• Processes involved in digestion, absorption and assimilation of nutrients to include enzyme action</li> <li>• Developing a knowledge and skills to carry out appropriate practical tests for the presence of macro nutrients</li> <li>• Importance and effect on health of macro and micronutrients</li> <li>• The causes, signs, symptoms and treatments of disorders of the digestive system and the physiological reasoning behind treatments</li> </ul>
<b>Assessment / Feedback Opportunities</b>	<b>Formative Assessment</b> Teacher questioning Discussions Practical techniques monitored in class		<b>Summative assessment</b> Final Assignment Submission
<b>Key Vocabulary</b>	Describe, Explain, Compare, Analyse, Evaluate  Musculoskeletal, Lymphatic, Digestive		
<b>Literacy/Reading Opportunities</b>	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		

<b>Cross Curricular Themes</b>	Biology – Organ Systems
<b>Personal Development (Including British Values, RSE, Citizenship)</b>	Health and Wellbeing
<b>Career Opportunities</b>	PE teacher, Biology teacher, Physiotherapist, Radiographer, Paramedic, Nurse, Doctor