



The curriculum for this stage of students' education has been designed to introduce students to the structures and functions of the skeletal, muscular, respiratory, cardiovascular and energy systems with a particular emphasis on how the heart works as it does and how it works with the lungs to allow sportspeople to cope with the demands of sport. Furthermore, students will explore the principles of fitness testing including factors affecting the selection and administration of tests, such as ensuring the validity, reliability and suitability of tests. They will explore a range of laboratory and field-based fitness tests, investigating how to administer tests and learn to evaluate and compare results to draw meaningful conclusions about a specific person's fitness.

<p>HALF TERM 1: Unit 5: Application of Fitness Testing.</p> <p>STUDENTS MUST KNOW:</p> <p>A - Understand the principles of fitness testing:</p> <ul style="list-style-type: none"> About validity and reliability of fitness tests. About practicality and suitability of fitness tests. About ethical issues associated with fitness screening. <p>B – Explore fitness tests for different components of fitness:</p> <ul style="list-style-type: none"> A range of fitness tests to assess components of physical fitness. A range of fitness tests to assess components of skill-related fitness. How to plan a range of fitness tests. How to administer a range of fitness tests. <p>HOW THIS WILL BE ASSESSED:</p> <p>Written piece of coursework.</p>	<p>HALF TERM 2: Unit 5: Application of Fitness Testing.</p> <p>STUDENTS MUST KNOW:</p> <p>C – Undertake evaluation and feedback of fitness test results:</p> <ul style="list-style-type: none"> How to produce a fitness profile for a selected sports performer. How to provide feedback to a selected sports performer. <p>HOW THIS WILL BE ASSESSED:</p> <p>Written piece of coursework, supported by video evidence of fitness testing administration.</p>	<p>HALF TERM 3: Unit 1: Anatomy and Physiology</p> <p>STUDENTS MUST KNOW:</p> <ul style="list-style-type: none"> How to understand the structure and functions of the skeletal system. How to identify joints in the body and related synovial joint actions. How to understand the responses and adaptations of the skeletal system to sport and exercise. How to be able to describe factors that affect the skeletal system. <p>HOW THIS WILL BE ASSESSED:</p> <p>End of topic tests, recap prior learning starter questions, quizzes, GL tasks. Summer Term exam.</p>
<p>HALF TERM 4: Unit 1: Anatomy and Physiology</p> <p>STUDENTS MUST KNOW:</p> <ul style="list-style-type: none"> How to understand the characteristics and functions of the different types of muscles. How to be able to name the major muscles in the body and identify the movement of muscles in antagonistic pairs. How to understand the types of skeletal muscle contraction and the different muscle fibre types. How to be able to describe the responses and adaptations of the muscular system to exercise and other additional factors. <p>HOW THIS WILL BE ASSESSED:</p> <p>End of topic tests, recap prior learning starter questions, quizzes, GL tasks. Summer Term exam.</p>	<p>HALF TERM 5: Unit 1: Anatomy and Physiology</p> <p>STUDENTS MUST KNOW:</p> <ul style="list-style-type: none"> How to understand the structure and function of the respiratory system. How to understand the lung volumes used in exercise and a typical response. How to describe the control mechanisms of breathing. How to be able to describe the responses and adaptations of the respiratory system to exercise and other additional factors. <p>HOW THIS WILL BE ASSESSED:</p> <p>End of topic tests, recap prior learning starter questions, quizzes, GL tasks. Summer Term exam..</p>	<p>HALF TERM 6: Unit 1: Anatomy and Physiology</p> <p>STUDENTS MUST KNOW:</p> <ul style="list-style-type: none"> How to describe the structure and function of the cardiovascular system. How to understand the control of the cardiac cycle and how it changes during exercise. How to describe the responses and adaptations of the cardiovascular system to exercise and additional factors. How to recall the role of ATP in muscular contractions. To describe the three major energy systems of the body and how they adapt to exercise. <p>HOW THIS WILL BE ASSESSED:</p> <p>End of topic tests, recap prior learning starter questions, quizzes, GL tasks. Summer Term exam.</p>

Embedding this knowledge can be supported at home by reviewing class notes, guiding learning wider reading, exam practice questions, independent research and study, completing set independent study tasks, watching and participating in sporting activities – understanding current issues in the sporting world.