Key Stage 5 (13)	
Course title: Applied human biology	
Exam board: Pearson	
Specification code: 603/3040/5	
Autumn 1 (September – October) to Autumn 2 (October – December)	TEACHER 1- Cells, tissues, and biological molecules, nervous system, cardiovascular and respiratory system.
	With an exam in May, students need to cover a large volume of content. They begin with the fundamentals of biology at a micro- scale, developing their understanding of the relationship between structure and function. Work on the structure of cells and cell transport extends knowledge from year 9 and 10. The content for the first half term overlaps with that of the A-level, enabling easier course changes. Knowing the structure of cells then allows students to study cell division. Students then discuss stem cells and specialisation before moving onto specialised systems of the body. The nervous system was last covered in year 11. Innervation of the heart follows, picking up on content last seen in year 10. Students conclude the term looking at the other organs of the circulatory and respiratory systems.
	TEACHER 2 - structure, function, and disorders of the muscular and skeletal systems (unit 4)
	The second internally assessed unit has been chosen as it links both to PE/Sports science, and content taught in y11. Of the units on offer, this unit (Functional physiology) best suits the aspirations of many of our students, who wish to progress into careers in physiotherapy, nursing, and paramedic science. The first assessment links back to content taught in year 11 and year 12, and requires students to think about human biology at a systems level. By the end of the term the final draft of assignment A will be submitted.
Spring 1 (January – February) to Spring 2 (February – March)	**TEACHER 1 and 2**- structure, function, and disorders of the endocrine and nervous system (unit 4).
	The unit 3 exam takes place in January, with results being issued in late March. In the interim, teacher 1 supports work on unit 4. The second assignment considers a different system of the body, again making links to content from both year 11 and 12. By the end of the term the final draft of assignment B will be submitted.
Summer 1 (April – June) Summer 2 (June – July)	**TEACHER** 1- targeted work towards re-sits.
	Following the release of unit 3 results, decisions will be made around which (if any) of the two units students should re-sit. Teacher 1's lessons will then be specifically tailored towards the re-sits that will take place in the summer.
	TEACHER 2 - role of homeostasis in co-ordination and control
	The final assignment builds on knowledge gained in assignment B, as well as in years 11 and 12, requiring students to look at the interplay between two organ systems rather than considering them as separate entities as in the previous assignment. By the May holiday the final draft of assignment C will be submitted.