Curriculum Plan	Subject	Biology – Unit 4 and 5 triple	Year	10

Y10Triple		W/C 2nd November	W/C 9th November	W/C 16th November
How you will access home learning		The PowerPoint and lesson materials will be available in our Year 10 Triple group on Microsoft Teams.		
How you be able to interact with your teacher and gain feedback on your work		You can interact with your teacher by asking any questions about the work by using the chat function on your Year 10 Microsoft Team Class. Your teacher will monitor your scores on SHMW quizzes, and you will be able to submit written work for feedback through the online submission function on SHMW.		
Retrieval How we will help you to recall previously learnt knowledge		Five knowledge recap questions about the previous lesson content will be at the start of each PowerPoint which will be put on MS Teams.	Five knowledge recap questions about the previous lesson content will be at the start of each PowerPoint which will be put on MS Teams.	Five knowledge recap questions about the previous lesson content will be at the start of each PowerPoint which will be put on MS Teams.
New Learning	What you will be learning about this week	Unit 4: 1. Photosynthesis and 2. Factors affecting the rate of photosynthesis	Unit 4: 3. Required practical pondeweed and 4. Required practical write up.	Unit 4: 5. How plants use glucose and 6. Aerobic respiration
	How we will teach you the new knowledge or ideas	New knowledge will be taught through PowerPoint content. You will watch clips and animations that show the process of photosynthesis. You will use kerboodle and animations to explore factors that affect the rate of photosynthesis.	New knowledge will be taught through PowerPoint content. You will watch clips and animations that show the required practical "how light intensity affects the rate of photosynthesis". You will be given a sample set of results and asked to plot a graph to show the relationship between light intensity and rate of photosynthesis. You will use a template to write about key aspects of the practical.	New knowledge will be taught through PowerPoint content. You will use kerboodle to read about ways in which plants use the glucose that they make in photosynthesis. You will watch clips and animations about the process of aerobic respiration, and make relevant notes.
	Activities that will help you learn and practice what you've been taught	Activities will be built into the PowerPoint for you to complete as you follow the instructions and slides. These will be broken down into short tasks. You will complete a range of tasks including labelling diagrams, attempting exam style questions and completing revision grids to check for understanding.	Activities will be built into the PowerPoint for you to complete as you follow the instructions and slides. These will be broken down into short tasks. You will complete a range of tasks including labelling diagrams, attempting exam style questions and completing revision grids to check for understanding.	Activities will be built into the PowerPoint for you to complete as you follow the instructions and slides. These will be broken down into short tasks. You will complete a range of tasks including labelling diagrams, attempting exam style questions and completing revision grids to check for understanding.
	What you can do if you are stuck	You can ask a question through the chat function on your Year 10 Biology Microsoft Team. You can go back over the PowerPoint materials and log into Kerboodle to view the textbook.		

		W/C 23rd November	W/C 30th November	W/C 7th December	W/C 14th December
How you will access home learning		The PowerPoint and lesson materials will be available in our Year 10 group on Microsoft Teams.			
How you be able to interact with your teacher and gain feedback on your work		You can interact with your teacher by asking any questions about the work by using the chat function on your Year 10 Microsoft Team Class. Your teacher will monitor your scores on SHMW quizzes, and you will be able to submit written work for feedback through the online submission function on SHMW.			
Retrieval How we will help you to recall previously learnt knowledge		Five knowledge recap questions about the previous lesson content will be at the start of each PowerPoint which will be put on MS Teams.	Five knowledge recap questions about the previous lesson content will be at the start of each PowerPoint which will be put on MS Teams.	Five knowledge recap questions about the previous lesson content will be at the start of each PowerPoint which will be put on MS Teams.	Five knowledge recap questions about the previous lesson content will be at the start of each PowerPoint which will be put on MS Teams.
New Learning	What you will be learning about this week	Unit 4: 6. Response to exercise and 7. Anaerobic respiration	Unit 4: 8. Metabolism and 9. the liver and homeostasis	Unit 4: 10. The nervous system and reflexes. And 11. Ruler drop required practical	Unit 4: 12 Structure and 13. function of the brain and eyes.
	How we will teach you the new knowledge or ideas	New knowledge will be taught through PowerPoint content. You will investigate how the body responds to exercise by doing a simple experiment and measuring pulse rate and breathing rate. You will use kerboodle and video clips to explain the difference between aerobic and anaerobic respiration.	New knowledge will be taught through PowerPoint content. You will look at images of the liver and identify the different structures. You will also learn how the liver can get damaged. You will also look at a video on homeostasis and why it is important to control internal conditions.	New knowledge will be taught through PowerPoint content. You will watch a video clip of the ruler drop required practical identifying the different variable and understanding how it would be carried out. You will also look at a series of images and read information about different reflexes and why we have them.	New knowledge will be taught through PowerPoint content. You will use case study material to understand how the different function of the brain were discovered. You will also explore the different ways we can study the brain. You will then be shown images of the eye and its features to allow you to understand how we see objects.
	Activities that will help you learn and practice what you've been taught	Activities will be built into the PowerPoint for you to complete as you follow the instructions and slides. These will be broken down into short	Activities will be built into the PowerPoint for you to complete as you follow the instructions and slides. These will be broken down into short	Activities will be built into the PowerPoint for you to complete as you follow the instructions and slides. These will be broken down into short tasks. You will complete a range of activities such as investigating reflexes	Activities will be built into the PowerPoint for you to complete as you follow the instructions and slides. These will be broken down into short tasks. You will complete a range of activities such as evaluating the different methods

		tasks. You will complete a range of tasks including labelling diagrams, attempting exam style questions and completing revision grids to check for understanding.	tasks. You will complete a range of tasks including labelling diagrams, attempting exam style questions and completing revision grids to check for understanding.	on our body and completing exam style questions of the topic.	used to study the brain, labelling diagrams of the eye and watching an eye dissection.
	What you can do if you are stuck	You can ask a question through the chat function on your Year 10 Biology Microsoft Team. You can go back over the PowerPoint materials and log into Kerboodle to view the textbook.			