

<b>Curriculum Plan</b>	<b>Subject</b>	<b>Biology - Unit 4 and 5 triple</b>	<b>Year</b>	<b>10</b>
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Y10Triple		W/C 2 <sup>nd</sup> November	W/C 9 <sup>th</sup> November	W/C 16 <sup>th</sup> 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.		
<b>Retrieval</b> 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.
<b>New Learning</b>	What you will be learning about this week	Metabolism and the liver and homeostasis	The nervous system and reflexes. Ruler drop required practical	Structure and 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 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 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 activities such as investigating reflexes on our body and completing exam style questions of the topic.	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 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.		

		W/C 23 <sup>rd</sup> November	W/C 30 <sup>th</sup> November	W/C 7 <sup>th</sup> December	W/C 14 <sup>th</sup> 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.			
<b>Retrieval</b> 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.
<b>New Learning</b>	What you will be learning about this week	Problems that can occur with eyes and how you can correct those problems. Revision for end of unit test.	Revision and end of unit test.	Unit 5 - Hormonal control and the control of glucose in the body.	Treating diabetes and the role of negative feedback in homeostasis.
	How we will teach you the new knowledge or ideas	New knowledge will be taught through PowerPoint content. You will watch video clips on accommodation and how you can correct vision using glasses. You will also read information about new technology that is being developed to correct vision.	No new content will be taught this week as this is revision and the test.	New knowledge will be taught through PowerPoint content. You will watch video clips on what hormones are and the role they play in the body. This will then allow you to identify glands that produce hormones in the body. You will then watch a video on how glucose in the body is maintained by hormones and draw a cycle to explain this.	New knowledge will be taught through PowerPoint content. You will watch a video on the difference between type 1 and type 2 diabetes and how your body responds to each. You will then look at cycles of negative feedback and how our body uses this to maintain homeostasis.
	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 activities such as completing a comparison table on the different types of vision and how they can be	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 also be set a 20 question quiz on photosynthesis, a true/false quiz on the whole	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 also be set tasks such as completing match up activities, answering exam style	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 be set a series of exam style questions to test your understanding. You will also answer

		corrected. You will also design a leaflet for the public describing the most common eye problems and how they can be resolved.	unit and then a revision grid to complete Answers will be provided for all.	questions on this topic and summarising key hormones into a simplified table.	questions based on videos and complete negative feedback loops.
	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.			