

<b>Curriculum Plan</b>	<b>Subject</b>	<b>Biology</b>	<b>Year</b>	<b>Year 11 Double</b>
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		<b>W/C 2<sup>nd</sup> November</b>	<b>W/C 9<sup>th</sup> November</b>	<b>W/C 16<sup>th</sup> November</b>
How you will access home learning		The PowerPoint and lesson materials will be available in our Year 11 Triple group on Microsoft Teams. Resources are all available on the G-drive: G:\Science\year 11\GCSE Biology - unit 7 lessons		
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 11 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. You can also email your class teacher directly.		
<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	Unit 7: 11. The importance of communities and 12. Organisms in their environment	Unit 7. 16. Competition in animals and 17. Adapt and survive	Unit 7.18 Adaptations in animals Unit 7.19 Revision
	How we will teach you the new knowledge or ideas	New knowledge will be taught through PowerPoint content. You will learn the key words used in ecology, and practice using them correctly. You will summarise biotic and abiotic factors in ecosystems. You will watch clips that show how organisms interact with each other, and affect the populations of one another. You will practice some exam questions, and use kerboodle.	New knowledge will be taught through PowerPoint content. You will watch some clips that explore examples of competition in animals and plants. You will look at examples of adaptations and research key examples of this. You will practice some exam questions, and use kerboodle.	New knowledge will be taught through PowerPoint content. You will look at examples of animals that are adapted to hot, cold, salty and high pressure environments. You will the create fact files with examples of each. You will complete the revision grid and MCQ questions before attempting the test the following week.
	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 practicing some exam questions	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 practicing some exam questions and summarising competition and adaptations.	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 practicing some exam questions on adaptations.
	What you can do if you are stuck	You can ask a question through the chat function on your Year 11 Biology Microsoft Team. You can go back over the PowerPoint materials and log into Kerboodle to view the textbook.	You can ask a question through the chat function on your Year 11 Biology Microsoft Team. You can go back over the PowerPoint materials and log into Kerboodle to view the textbook.	You can ask a question through the chat function on your Year 11 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 11 Double group on Microsoft Teams. Resources are all available on the G-drive: G:\Science\year 11\GCSE Biology - Unit 7 lessons.			
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 11 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. You can also email your class teacher directly.			
<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.
New Learning	What you will be learning about this week	Unit 7.20 Test Unit 7.21 Feeding relationships	Unit 7.22 Material cycling Unit 7.23 Rate of decomposition	Unit 7.24 Test feedback Unit 7.25 Rates of decay analysis	Unit 7.26 The human population explosion Unit 7.27 Land and water pollution
	How we will teach you the new knowledge or ideas	New knowledge will be taught through PowerPoint content. You will look at graphs to show the relationship between predator and prey and produce your own version of the graph using data you will be provided with. You will also look at a range of food chains and webs ensuring you can define the environmental key words.	New knowledge will be taught through PowerPoint content. You will learn about how material is passed through the carbon cycle and the key terms to describe each stage. You will also look at pictures to identify the factors that affect the rate of decomposition.	New knowledge will be taught through PowerPoint content. You will watch some clips about the required practical -effect of temperature on the rate of decay of fresh milk by measuring pH change. You will then identify the trend in the results data and evaluate the practical.	New knowledge will be taught through PowerPoint content. You will learn the key words used in ecology, and practice using them correctly. You will summarise the reasons why the human population is exploding and why the numbers within our population do not rise and fall like the predator-prey graphs. You will then look at the impact of this explosion on land and water pollution.
	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 practicing some exam questions on the lynx and snowshoe hare. All answers will be provided on the slides.	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 practicing some exam questions and evaluating <b>which designs for compost bins are best</b> .	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 graded questions of the rate of decay and exam style questions on compost bins.	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 such as defining different types of pollution and then creating a table to identify types of conservation of the environment and specific examples you know about,
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