

Curriculum Plan		Subject	Immune system and exchange	Year	Y12
Spring 1		W/C 10 th January	W/C 17 th January	W/C 24 th January	
How you will access home learning		All work will be set in our Microsoft Teams group. In there, look in the 'Files' section where you will find class materials saved in folders for each week. If working from home you should check your teams group on the day and time you have biology on your timetable			
How you be able to interact with your teacher.		You will be able to join each lesson (or part of the lesson) via Microsoft Teams. This will enable you to listen to teacher delivery for explanations of new content or instructions for tasks. Check the posts in your Microsoft Teams group for details of the specific time to join the lesson live. You will be able to ask questions in the chat function of Microsoft Teams if you have any questions about the work. Work can be submitted through the assignment tab on Teams, when appropriate or via SMHW if the teacher asks.			
Retrieval How we will help you to recall previously learnt knowledge		Retrieval practice will be included in the weekly PowerPoint. It will include five knowledge recap questions about the previous lesson content.	Retrieval practice will be included in the weekly PowerPoint. It will include five knowledge recap questions about the previous lesson content.	Retrieval practice will be included in the weekly PowerPoint. It will include five knowledge recap questions about the previous lesson content.	
New Learning	What you will be learning about this week	T and B cells, antibodies and vaccines. HIV	test yourself for cell recognition and the immune system. Revision for the immune system. Required practical 4 - looking at cell permeability using beetroot	Start the exchange topic - exchange between organisms and their environments, gas exchange in single celled organisms and insects. Review of immune system homework booklet then test for immune system	
	How we will teach you the new knowledge or ideas	PowerPoints will be uploaded to Teams Files area or can be found on the G drive here G:\Science\Home learning biology\Year 12\2. Cells\3. Cell recognition and the immune system or you can watch these video lessons from snap revise The Immune System: B and T Cells A-level Biology OCR, AQA, Edexcel - YouTube The Immune System: Primary & Secondary Immune Response A-level Biology OCR, AQA, Edexcel - YouTube	RP 04: Investigating Cell Membrane Permeability - AQA Biology A-level - PMT (physicsandmathstutor.com)	PowerPoints will be uploaded to Teams Files area or can be found on the G drive here G:\Science\Home learning biology\Year 12\3. Organisms exchange substances\1. Exchange\exchange Gas Exchange in Insects A-level Biology OCR, AQA, Edexcel - YouTube	

		AQA A Level Biology: Types of Immunity and Vaccination - YouTube		
	<p>Activities that will help you learn and practice what you've been taught</p>	<p>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.</p>		
	<p>What you can do if you are stuck</p>	<p>You can ask a question through the chat function on Microsoft Teams or send an email to your teacher. You can go back over the PowerPoint materials which will be saved in Teams. The Teams lessons will be recorded so you can return to them when needed.</p>		

		W/C 31st January	W/C 7 th February
How you will access home learning		All work will be set in our Microsoft Teams group. In there, look in the 'Files' section where you will find class materials saved in folders for each week. If working from home you should check your teams group on the day and time you have biology on your timetable	
How you be able to interact with your teacher and gain feedback on your work		You will be able to join each lesson (or part of the lesson) via Microsoft Teams. This will enable you to listen to teacher delivery for explanations of new content or instructions for tasks. Check the posts in your Microsoft Teams group for details of the specific time to join the lesson live. You will be able to ask questions in the chat function of Microsoft Teams if you have any questions about the work. Work can be submitted through the assignment tab on Teams, when appropriate or via SMHW if the teacher asks.	
Retrieval How we will help you to recall previously learnt knowledge		Retrieval practice will be included in the weekly PowerPoint. It will include five knowledge recap questions about the previous lesson content.	Retrieval practice will be included in the weekly PowerPoint. It will include five knowledge recap questions about the previous lesson content.
New Learning	What you will be learning about this week	Gas exchange in fish, fish head dissection, gas exchange in a leaf, limiting water loss. Review of immune system test	Gas exchange in humans, lung dissection, mechanisms of breathing, exchange of gases in the lungs
	How we will teach you the new knowledge or ideas	PowerPoints will be uploaded to Teams 'Files area or can be found on the G drive here G:\Science\Home learning biology\Year 12\3. Organisms exchange substances\1. Exchange\exchange Gas Exchange in Bony Fish A-level Biology OCR, AQA, Edexcel - YouTube AS Biology - xerophytes - YouTube	PowerPoints will be uploaded to Teams 'Files area or can be found on the G drive here G:\Science\Home learning biology\Year 12\3. Organisms exchange substances\1. Exchange\exchange Gas Exchange: The Structure of the Lungs A-level Biology OCR, AQA, Edexcel - YouTube
	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.	

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