

		W/C 10 th January	W/C 17 th January	W/C 24 th January
How you will access home learning		The PowerPoint and lesson materials will be available on g drive and in the Year 13 group on Microsoft (MS) Teams. You will need access to your Biology Year 2 textbook via Kerboodle and your Biology year 1 textbook you have at home. Both books are available in school		
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 emailing your teacher directly. You can also use the chat function on the Year 13 Microsoft Team Class. Your teacher will monitor your scores on Kerboodle quizzes, and you will be able to submit written work for feedback through the online submission function on SHMW or via email.		
Retrieval How we will help you to recall previously learnt knowledge		Y12 recap question to help with synoptic at the start of each new area in the topic. There will be questions about the previous lessons' content. These will be at the start of each PowerPoint which will be put on g drive and MS Teams.	Y12 recap question to help with synoptic at the start of each new area in the topic. There will be questions about the previous lessons' content. These will be at the start of each PowerPoint which will be put on g drive and MS Teams.	Y12 recap question to help with synoptic at the start of each new area in the topic. There will be questions about the previous lessons' content. These will be at the start of each PowerPoint which will be put on g drive and MS Teams.
New Learning	What you will be learning about this week	Focus on blood glucose regulation and the interaction between hormones. Diabetes and its control. What are the consequences of the failure or impairment of internal homeostatic mechanism? Required practical 11 on creating and using a calibration curve.	Other homeostatic mechanism in the body - the kidney. You will understand the mechanisms of osmoregulation by knowing the gross and ultrastructure of the kidney	Role of ADH in osmoregulation. FOCUS ON REVISION OF SECTIONS 5 - 7 THAT HAVE ALREADY BEEN TAUGHT.
	How we will teach you the new knowledge or ideas	PowerPoint content and teacher led explanations on diabetes from GCSE and building on prior knowledge. You look at graphs show the effect of diabetes on blood glucose levels,	PowerPoint content and teacher led explanations on the gross structure of the kidney. Dissection of the kidney to see this gross structure in practice (if restrictions allow)	PowerPoint content and teacher led explanation on role of ADH Excretory System: ADH & Osmoregulation A-level

		<p>Teacher modelling to talk through the required practical.</p> <p>There will be teacher led explanations on type 1 and type 2 diabetes, causes, symptoms and treatments.</p> <p>https://www.youtube.com/watch?v=rGXP8zBvPHs</p>	<p>Teacher led explanation on the structure of the nephron and osmoregulation.</p> <p>https://www.youtube.com/watch?v=mMPiLguW-wU&list=PLkocNWOBsuEEMyVUCyaRPVj_cahCvjxAr&index=73</p> <p>https://youtu.be/8UVIXX-9x7Q</p>	<p>Biology OCR, AQA, Edexcel - YouTube</p> <p>Revision: PowerPoints and exam questions used in lessons will be available on g drive. Mixture of teacher led revision, small group revision and individual revision.</p>
	<p>Activities that will help you learn and practice what you've been taught</p>	<p>Questions and tasks will be set for you to answer in the PowerPoint as you follow the instructions on the slides.</p> <p>You will create a summary diagram show the effects of the hormones on the regulation of blood glucose.</p> <p>You will label and sketch graphs of blood glucose. You will use these graphs to link in when insulin should be produced or injected.</p> <p>You will be issued with a homework book with exam questions which will be assessed by the teacher and feedback to you. You will be issued with a test yourself sheet which you will self-assess.</p>	<p>Labelling a diagram of the gross structure of the kidney along with labelling of the nephron and other parts of the kidney.</p>	<p>Creation of a summary of osmoregulation.</p> <p>Use of revision quizzes to help revision of difficult content.</p> <p>Revision: Series of exam questions, formative assessment tasks, quizzes etc that will help to check understanding of topics before the mock.</p> <p>Opportunity to get in class support on topics and exam questions.</p>
	<p>What you can do if you are stuck</p>	<p>You can use your online Kerboodle textbook to refer to any previous content. There are extra links on the PowerPoints for consolidation. Please use these to help your understanding. If you have questions in relation to any of the exam questions in homework booklets or test yourself, you can use the frameworks provided, and modelled explanations, to help you answer the questions. If you need to e-mail me to ask a question, then please attach a copy of the work that you have completed so far, so I can be specific in giving you feedback and help. You can ask any questions if the lesson is live using the chat</p>		

function on Microsoft Teams. The Teams lessons will be recorded so you can refer to teacher explanations and listen to them again.

Curriculum Plan

Subject

Biology

Year

13

		W/C 31st January: assessment week begins Friday	W/C 7th February: assessment week
How you will access home learning		The PowerPoint and lesson materials will be available on g drive and in the Year 13 group on Microsoft (MS) Teams. You will need access to your Biology Year 2 textbook via Kerboodle and your Biology year 1 textbook you have at home. Both books are available in school	
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 emailing your teacher directly. You can also use the chat function on the ear 13 Microsoft Team Class. Your teacher will monitor your scores on Kerboodle quizzes, and you will be able to submit written work for feedback through the online submission function on SHMW or via email.	
Retrieval How we will help you to recall previously learnt knowledge		REVISION FOR PAPER 2 MOCK EXAM	Assessment week
New Learning	What you will be learning about this week	FOCUS ON REVISION OF SECTIONS 5 - 7 THAT HAVE ALREADY BEEN TAUGHT.	
	How we will teach you the new knowledge or ideas	PowerPoints and exam questions used in lessons will be available on g drive. Mixture of teacher led revision, small group revision and individual revision. Use Snap revise for any topic you need further clarification of.	

	<p>Activities that will help you learn and practice what you've been taught</p>	<p>Series of exam questions, formative assessment tasks, quizzes etc that will help to check understanding of topics before the mock. Opportunity to get in class support on topics and exam questions.</p>	
	<p>What you can do if you are stuck</p>	<p>You can use your online Kerboodle textbook to refer to any previous content. There are extra links on the PowerPoints for consolidation. Please use these to help your understanding. If you have questions in relation to any of the exam questions in homework booklets or test yourself, you can use the frameworks provided, and modelled explanations, to help you answer the questions. If you need to e-mail me to ask a question, then please attach a copy of the work that you have completed so far, so I can be specific in giving you feedback and help. You can ask any questions if the lesson is live using the chat function on Microsoft Teams. The Teams lessons will be recorded so you can refer to teacher explanations and listen to them again.</p>	