

<b>Curriculum Plan</b>	<b>Subject</b>	<b>Biology - Cells and reproduction</b>	<b>Year</b>	<b>7</b>
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Y7 biology		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 7 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 7 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	To label the different parts of a microscope To describe the structure and identify parts of a plant cell To describe the structure and identify parts of an animal cell	To be able to list the general characteristics of living things Give examples of different specialized cells To recognise examples of animal tissues and organs	To state a definition for diffusion To describe some examples of diffusion in living things Revise the cells unit
	How we will teach you the new knowledge or ideas	New knowledge will be taught through PowerPoint content. You will watch video clips of people using a microscope, preparing a microscope slide and describing the differences between animal and plant cells.	New knowledge will be taught through PowerPoint content. You will watch video clips of amoeba and the levels of organisation. You will also complete an information hunt on specialised cells.	New knowledge will be taught through PowerPoint content. You will watch a video lesson on diffusion where you will need to pause it and answer questions into your book.
	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 labelling of cells activities, gap fills and longer written response questions on how you would view animal and plant cells.	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 levels of organisation, video questions and gap fills on specialised cells.	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 for revision such as a mini MCQ quiz and practice questions on each lesson. All answers will be provided.
	What you can do if you are stuck	You can ask a question through the chat function on your Year 7 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 7 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 7 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	Label the key features of a plants reproductive system. Label the human female and male reproductive organs. Understand the stages of foetal development.	Understand the changes that occur at puberty in males and females. Understand the term fertilisation and how it occurs,	Describe how a mother can keep her baby healthy. Explain the difference between internal and external fertilization Compare different animal breeding strategies	Revision of reproduction: To describe the stages of the menstrual cycle To explain how a flower is adapted for pollination Identify the sex cells in males and females and how they lead to the production of a foetus.
	How we will teach you the new knowledge or ideas	New knowledge will be taught through PowerPoint content. You will watch video clips of the different parts of a flower followed by a labelling activity, You will also watch a video clip on the different stages of foetal development.	New knowledge will be taught through PowerPoint content. You will watch video clips of the journey of the sperm to the egg. You will also be shown clips on the menstrual cycle to allow you to identify the different stages.	New knowledge will be taught through PowerPoint content. You will watch video clips and see images of the effect of smoking and taking drugs of foetal development, You will also watch clips on how different animals have different strategies to product their offspring.	No new knowledge will be taught this week. The weekly power point will include a set of questions recalling different parts of the topic. There will also be the link to the textbook on kerboodle to provide extra support
	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 labelling diagrams of the human and plant reproductive systems. You will also complete a match up activity of the foetal development stages.	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 task on the journey of a sperm and you will also be set a task on ordering the stages of the menstrual cycle	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 task plotting a graph to show how smoking affects a baby's weight. You will also be set a task to research an animal and find out about the type of fertilisation and how the young survive.	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 many small activities as a form of revision to test your understanding over many lessons. You will then create a resource to help you to revise your weakest topic area.
	What you can do if you are stuck	You can ask a question through the chat function on your Year 7 Biology Microsoft Team. You can go back over the PowerPoint materials and log into Kerboodle to view the textbook.			