

Curriculum Plan	Subject	Chemistry - Separate Science	Year	Y9
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		W/C 2 nd November	W/C 9 th November	W/C 16 th November
How you will access home learning		The PowerPoint and lesson materials will be set via the classroom function on SMHW and will also be available on the G drive.		
How you be able to interact with your teacher and gain feedback on your work		You will be able to submit written work for feedback through the online submission function on SHMW. Your teacher will also interact with you via the comment section on SHMW so you can ask any questions about the work here.		
Retrieval How we will help you to recall previously learnt knowledge		The starter tasks will check key knowledge from the previous lesson to prepare students to build on from this in their new learning.	Revision lesson on Atomic Structure and the Periodic Table taught prior to completing the assessment in the second lesson of the week.	You will complete a review lesson on atoms and ions from previous learning.
New Learning	What you will be learning about this week	You will learn about the key trends in group 1 and group of the periodic table drawing comparisons between the two groups. You will learn about the structure and properties of transition metals (separate science only).	You will complete an end of unit test for Unit 1: Atoms and the Periodic Table. This will be marked by your teacher	What is the structure and properties of ionic substances?
	How we will teach you the new knowledge or ideas	New knowledge will be taught through PowerPoint content. There will also be links to videos and websites which help you with these new ideas.	New knowledge will be taught through PowerPoint content. There will also be links to videos and websites which help you with these new ideas.	New knowledge will be taught through PowerPoint content. There will also be links to videos and websites which help you with these new ideas.
	Activities that will help you learn and practice what you've been taught	Concepts will be modelled and opportunity given to practice application of the concept. Activities will be set within the PowerPoints and some worksheets may be used. Answers will be provided to check your understanding.		

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What you can do if you are stuck	https://www.bbc.co.uk/bitesize/guides/z97yw6f/revision/1 https://www.youtube.com/watch?v=ia2sLLs5Qkk	https://www.bbc.co.uk/bitesize/guides/ztc6w6f/revision/2 https://www.youtube.com/watch?v=Biq-e9hsbiI https://www.youtube.com/watch?v=-DZR0OLQC9w
	<ul style="list-style-type: none"> - You can access your <i>GCSE Chemistry</i> textbook via Kerboodle. - You can ask a question through the chat function on your Year 9 Chemistry Microsoft Team. - You can go back over the PowerPoint materials, looking at the modelled examples. 	

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	W/C 23 rd November	W/C 30 th November	W/C 7 th December	W/C 14 th December
How you will access home learning	The PowerPoint and lesson materials will be set via the classroom function on SHMW and will also be available on the G drive.			
How you be able to interact with your teacher and gain feedback on your work	You will be able to submit written work for feedback through the online submission function on SHMW. Your teacher will also interact with you via the comment section on SHMW so you can ask any questions about the work here.			
Retrieval How we will help you to recall previously learnt knowledge	Retrieval practice starter on ionic substances.	Retrieval practice starter on metallic substances	Retrieval practice starter on simple covalent molecules	Retrieval practice starter on giant covalent substances
New Learning	What you will be learning about this week	What is the structure and properties of metallic substances? How to draw dot and cross diagrams for covalent molecules	What is the structure and properties of simple covalent substances? What are polymers and how does their structure relate to their properties?	What is nanoscience and how is it used? (separate science only)
	How we will teach you the new knowle	New knowledge will be taught through PowerPoint content. There will also be links to videos and websites which help you with these new ideas.		

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Activities that will help you learn and practice what you've been taught	<p>Concepts will be modelled and opportunity given to practice application of the concept.</p> <p>Activities will be set within the PowerPoints and some worksheets may be used.</p> <p>Answers will be provided to check your understanding.</p>			
What you can do if you are stuck	https://www.bbc.co.uk/bitesize/guides/ztg6yc/revision/1 https://www.youtube.com/watch?v=A-wTpLPIcd0	https://www.bbc.co.uk/bitesize/guides/zxxn82p/revision/1 https://www.youtube.com/watch?v=lenvZEcMc60 https://www.youtube.com/watch?v=IhEm7aAKIDg https://www.youtube.com/watch?v=DECGNyC-x_sLINK	https://www.bbc.co.uk/bitesize/guides/z9twsrd/revision/1 https://www.bbc.co.uk/bitesize/guides/zgq8b82/revision/4 https://www.youtube.com/watch?v=ge7PB9aP-Wc https://www.youtube.com/watch?v=dEZItwgZeFU	https://www.bbc.co.uk/bitesize/guides/z8m8pbk/revision/1 https://www.youtube.com/watch?v=-6eTx9YhJPI
	<ul style="list-style-type: none"> - You can access your GCSE Chemistry textbook via Kerboodle. - You can ask a question through the chat function on your Year 9 Chemistry Microsoft Team. - You can go back over the PowerPoint materials, looking at the modelled examples. 			

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