

Year 8 Chemistry Autumn 2		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 set via the classwork function on SHMW and will be available on 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.		
<b>Retrieval</b> How we will help you to recall previously learnt knowledge		The power points will have a starter quiz which includes questions that check prior knowledge of atoms and elements and retrieval of last lessons content.	The power points will have a starter quiz which includes questions that check knowledge learnt from previous lessons content.	This week's set of lessons will begin with a multiple choice quiz on what you have learned over the last couple of weeks.
<b>New Learning</b>	What you will be learning about this week	<p>What is an element?</p> <p>What are chemical symbols and what are the rules for writing them?</p> <p>Where are all known elements found?</p> <p>What are chemical and physical properties?</p> <p>What are groups and periods in the periodic table?</p> <p>How are the metals and non-metals separated in the periodic table?</p> <p>Where are the transition metals found in the periodic table?</p> <p>What scientists are involved in the development of the periodic table and what did their versions of the table look like?</p>	<p>What do we call the elements in group 1, 2, 7 and 0 of the periodic table?</p> <p>What trends/patterns do we see as we go down these groups?</p> <p>What can we use the elements in these groups for?</p> <p>How can we use data given in a table to predict properties of elements?</p>	<p>This week's lessons will begin with a multiple choice quiz on the concepts you have looked at over the last couple of weeks.</p> <p>You will then start the next set of lessons:</p> <p>What are mixtures and compounds and how do these differ from elements?</p>

	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	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 and answers will be provided for you to self-assess your answers and check your understanding.	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 and answers will be provided for you to self-assess your answers and check your understanding.	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 and answers will be provided for you to self-assess your answers and check your understanding.
	What you can do if you are stuck	You can ask a question through the comment function on show my homework. In addition to this you will be provided with some extra places to get more information, like the activate textbook, links to videos and BBC Bitesize.		

Year 8 Chemistry Autumn 2		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 set via the classwork function on SHMW			
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.			
<b>Retrieval</b> How we will help you to recall previously learnt knowledge		The power points will have a starter quiz which includes questions that check prior of compounds and understanding of what we have learnt about so far.	The power points will have a starter quiz which includes questions that check understanding of last lessons content.	This week's set of lessons will begin with a multiple choice quiz on what you have learned over the last couple of weeks	The power point will start with a quiz to help you reflect on learning from the revision lessons last week.
<b>New Learning</b>	What you will be learning about this week	This week we will begin looking at different types of compounds What atoms are bonded together to form simple molecules? Give examples of simple molecules What properties do simple molecules have?	Give examples of types of giant structures made from non-metal atoms only, metal and non-metal atoms and metal atoms only. What properties do these types of structures have?	This week's lessons will begin with a multiple choice quiz on the concepts you have looked at over the last couple of weeks. This will help you identify any target areas. You will then have some revision lessons which will review all learning since the start of this half term in preparation for an end of topic test next week.	This week you will have an end of topic assessment on the chemistry concepts we have learnt this half term. This will give you a chance to reflect on your level of understanding and you will be provided with personalised feedback on topics you have understood well and target areas.
	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.	There will be revision activities built into the power point and links to videos and websites which help you with your target areas	Your personalised feedback will point you in the direction of videos and websites that can help you improve your knowledge on target areas.
	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 and answers will be provided for you to self-assess your answers and check your understanding.	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 and answers will be provided for you	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 and answers will be provided for you to self-assess your answers and check your understanding.	Your personalised feedback will point you in the direction of videos and websites that can help you improve your knowledge on target areas.

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	What you can do if you are stuck	You can ask a question through the comment function on show my homework. In addition to this you will be provided with some extra places to get more information, like the activate textbook, links to videos and BBC Bitesize.			