

Curriculum Plan	Subject	Chemistry	Year	7
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		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 particles and retrieval of last lessons content.	The power points will have a starter quiz which includes questions that check prior knowledge of dissolving and retrieval 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.
New Learning	What you will be learning about this week	How are the particles arranged in a solid liquid and gas? What are the properties of solids liquids and gases? Define freezing, condensing, melting and evaporating. What happens to the particles in when changes of state occur? Describe what happens to the particles in substances when they expand and contract.	What happens when a solid dissolves in a liquid? What can affect how fast something dissolves? What is the definition of diffusion? Give some everyday examples of diffusion. Use new knowledge on air pressure to explain why balloons can pop on a hot day or the pressure inside a tyre increases.	This week's lessons will begin with a multiple choice quiz on the concepts you have looked at over the last couple of weeks. You will then start the next set of lessons on the acids and alkalis topic: Name some acids and alkalis we use everyday How can we use red cabbage to tell if something is an acid or alkali
	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.		

		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 understanding of what we have learned about acids and alkalis so far	The power points will have a starter quiz which includes questions that check prior knowledge of what happens in a chemical reaction and retrieval 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.
New Learning	What you will be learning about this week	<p>What is the pH scale? Understand the numbers and colours on the pH scale.</p> <p>How can we use something called universal indicator to tell if something is an acid or alkali?</p> <p>What happens when we add an acid to an alkali?</p> <p>Describe how to make a neutral solution.</p>	<p>What would we see when we react an acid with a metal or metal carbonate?</p> <p>Give examples of metal carbonates we come across everyday</p> <p>What are the gases called that are produced in the reaction between an acid and metal or metal carbonate and how can we test for these gases in the lab?</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. This will help you identify any target areas.</p> <p>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.</p>	<p>This week you will have an end of topic assessment on the chemistry concepts we have learnt this half term.</p> <p>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.</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.	There will be revision activities built into the powerpoint 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 to self-assess	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-	Your personalised feedback will point you in the direction of videos and websites that can help you improve your knowledge on target areas.

			your answers and check your understanding.	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.			