

Curriculum Plan		Subject	Combined Science - Chemistry		Year	9
Spring 2		W/C 22nd February		W/C 1st March		W/C 8th March
How you will access home learning		Individual lessons will be posted using the 'Classwork' function on ShowMyHomeWork, along with other supporting documentation – exam style questions, question sheets, mark schemes. Other tasks may be set using programmes such as www.senecalearning.com and www.kerboodle.com but they will be referenced in SMHK first. Alternatively they may be accessed via G:drive				
How you be able to interact with your teacher and gain feedback on your work		Pupils will be able to message teachers through a variety of methods: email to teachers' @notredame-high.co.uk email addresses; via the messaging system in SMHK; via chat functions in MSTeams				
Retrieval How we will help you to recall previously learnt knowledge		Starters will incorporate prior knowledge from both recent lessons as well as previous topics. Exam style questions will incorporate current and past topics. Links will be made between different topics in powerpoint presentations and questions	Starters will incorporate prior knowledge from both recent lessons as well as previous topics. Exam style questions will incorporate current and past topics. Links will be made between different topics in powerpoint presentations and questions	Starters will incorporate prior knowledge from both recent lessons as well as previous topics. Exam style questions will incorporate current and past topics. Links will be made between different topics in powerpoint presentations and questions	Starters will incorporate prior knowledge from both recent lessons as well as previous topics. Exam style questions will incorporate current and past topics. Links will be made between different topics in powerpoint presentations and questions	Starters will incorporate prior knowledge from both recent lessons as well as previous topics. Exam style questions will incorporate current and past topics. Links will be made between different topics in powerpoint presentations and questions
New Learning	What you will be learning about this week	What is the structure and properties of metallic substances?	What is the structure and properties of simple covalent substances? How to draw dot and cross diagrams for covalent molecules	What is the structure and properties of giant covalent substances?		
	How we will teach you the new knowledge or ideas	Carefully crafted lesson presentations will introduce new content, making use of existing online videos or inhouse produced videos / voiced presentations. New concepts will be introduce via the "I do / we do / you do" progression towards independent learning. Metacognitive approaches showing how students can break down and attempt tasks and questions will be incorporated e.g. command words, data given in questions	Carefully crafted lesson presentations will introduce new content, making use of existing online videos or inhouse produced videos / voiced presentations. New concepts will be introduce via the "I do / we do / you do" progression towards independent learning. Metacognitive approaches showing how students can break down and attempt tasks and questions will be incorporated e.g. command words, data given in questions	Carefully crafted lesson presentations will introduce new content, making use of existing online videos or inhouse produced videos / voiced presentations. New concepts will be introduce via the "I do / we do / you do" progression towards independent learning. Metacognitive approaches showing how students can break down and attempt tasks and questions will be incorporated e.g. command words, data given in questions		
	Activities that will help you learn and	Worked examples will be shown. "We do" questions attempted collaboratively and independent tasks with access to mark schemes to check and improve individual	Worked examples will be shown. "We do" questions attempted collaboratively and independent tasks with access to mark schemes to check and improve individual	Worked examples will be shown. "We do" questions attempted collaboratively and independent tasks with access to mark schemes to check and improve individual		

	<p>practice what you've been taught</p>	<p>learning will be shared. Low risk quizzes, online quizzes / assignments, self-determination matrices and exam style questions will help retrieval practice and assessment. Exam style questions will interleave questions on new and previous learning.</p>	<p>learning will be shared. Low risk quizzes, online quizzes / assignments, self-determination matrices and exam style questions will help retrieval practice and assessment. Exam style questions will interleave questions on new and previous learning.</p>	<p>schemes to check and improve individual learning will be shared. Low risk quizzes, online quizzes / assignments, self-determination matrices and exam style questions will help retrieval practice and assessment. Exam style questions will interleave questions on new and previous learning.</p>
	<p>What you can do if you are stuck</p>	<p>Contact classmates via existing communication methods e.g. social media, WhatsApp Use online resources such as OakNationalAcademy, BBC Bitesize, FreeScienceLessons, Primrose Kitten, ChemGuy, Fuse School Kerboodle has our text book AQA Oxford Chemistry and online resources Additional resources available on school's G: drive</p>	<p>Contact classmates via existing communication methods e.g. social media, WhatsApp Use online resources such as OakNationalAcademy, BBC Bitesize, FreeScienceLessons, Primrose Kitten, ChemGuy, Fuse School Kerboodle has our text book AQA Oxford Chemistry and online resources Additional resources available on school's G: drive</p>	<p>Contact classmates via existing communication methods e.g. social media, WhatsApp Use online resources such as OakNationalAcademy, BBC Bitesize, FreeScienceLessons, Primrose Kitten, ChemGuy, Fuse School Kerboodle has our text book AQA Oxford Chemistry and online resources Additional resources available on school's G: drive</p>

		W/C 15 th March	W/C 22 nd March	W/C 29 th March
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New Learning	What you will be learning about this week	Changes of state - how structure & bonding effects the state of substances	What are polymers and how does their structure relate to their properties?	Revision of structure & bonding
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