Cu	rriculum Plan	Subject Combined Science -		cience - Chemistry	Year	9
	Spring 2	W/C 22nd Fe	bruary	W/C 1st March	V	V/C 8 th 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				
inter	dow you be able to fact with your teacher gain feedback on your work	uble to ur teacher Pupils will be able to message teachers through a variety of methods: email to teachers' @notredame-high.co.uk email addresses;				nigh.co.uk email addresses; via
	Retrieval from both recent lessons as well as previous topics. Exam style questions will incorporate current and past topics. Links will be made from both recent lessons as well as previous topics. Exam style questions will incorporate current and past topics. Links will be made from both recent lessons as well as previous topics. Exam style questions will incorporate current and past topics. Links will be made		incorporate prior knowledge from lessons as well as previous topics. uestions will incorporate current ics. Links will be made between pics in powerpoint presentations			
	What you will be learning about this week	What is the structure a of metallic substances?	nd properties	What is the structure and properties of simple covalent substances? How to draw dot and cross diagrams for covalent molecules		e structure and properties valent substances?
New Learning	How we will teach you the new knowledge or ideas	Carefully crafted lesson p introduce new content, existing online videos or in videos / voiced preser concepts will be introduce do / you do" progress independent learning. approaches showing ho break down and atter questions will be inco command words, data gi	making use of nhouse produced ntations. New via the "I do / we sion towards Metacognitive w students can npt tasks and rporated e.g. ven 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	introduce existing onl videos / concepts wi do / yo independ approach break d questio	rafted lesson presentations will e new content, making use of ine videos or inhouse produced voiced presentations. New II be introduce via the "I do / we ou do" progression towards dent learning. Metacognitive es showing how students can lown and attempt tasks and ons will be incorporated e.g. words, data given in questions
	Activities that will help you learn and	Worked examples will be questions attempted col independent tasks with schemes to check and im	shown. "We do" laboratively and access to mark	Worked examples will be shown. "We do" questions attempted collaboratively and independent tasks with access to mark schemes to check and improve individual	questions	amples will be shown. "We do" attempted collaboratively and ent tasks with access to mark

practice what you've been taught	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.	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.	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.
What you can do if you are stuck	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	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	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

		W/C 15 th March	W/C 22 nd March	W/C 29 th 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		
	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		
New Learning	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		

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