

Chemistry (Separate) Long Term Plan Year 11 2020-21



Temperance Term

W/C	7th September	14th September	21st September	28th September	5th October	12th October	19th October	HALF TERM
Topic	Review	C5- Energy Changes and C6 - Rate and Extent of Chemical Change						
	Review of Y10 home learning	C5 - Describe the effects of changing conditions on a system at equilibrium can be predicted using Le Chatelier's Principle. C6 - Recall how changing these factors affects the rate of chemical reactions						
Challenge	Grade 7, 8, 9 challenge questions	C5 - Interpret appropriate given data to predict the effect of a change in temperature on given reactions at equilibrium C6 - Explain why catalysts increase the rate of reaction by providing a different pathway for the reaction that has a lower activation energy.						
Assessment	Self assessment and in-class tests	End of unit exams						
W/C	2nd November	9th November	16th November	23rd November	30th November	7th December	CHRISTMAS	
Topic	C7- Organic chemistry and C8 – Chemical Analysis				Mocks			
	C7 -Recognise substances as alkanes given their formulae in these forms. C8 - Use melting point and boiling point data to distinguish pure from impure substances. Explain how paper chromatography separates mixtures							
Challenge	C7 - Determine name and therefore properties from chemical formula. C8 - Identification of ions by chemical and spectroscopic means							
Assessment	End of Unit exams				Year 11 Mock Exams			

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Justice Term

W/C	4 th January	11 th January	18 st January	25 th January	1 st February	8 th February	HALF TERM	
Topic	C1- Atomic Structure and the Periodic Table		C2- Bonding, Structure and the Properties of Matter		C3- Quantitative Chemistry			
	Revision		Revision		Revision			
Challenge	Grade 7, 8, 9 challenge questions		Grade 7, 8, 9 challenge questions		Grade 7, 8, 9 challenge questions			
Assessment	Self assessment and in-class tests		Self assessment and in-class tests		Self assessment and in-class tests			
W/C	22 nd February	1 st March	8 th March	15 th March	22 nd March	29 th March	EASTER	
Topic	Year 11 Mock Exams (if exams normal time. 29.3 if exams later)	C4- Chemical Changes		C5- Energy Changes	C6- The Rate and Extent of Chemical Change	C7- Organic Chemistry		
		Revision		Revision	Revision	Revision		
Challenge		Grade 7, 8, 9 challenge questions		Grade 7, 8, 9 challenge questions	Grade 7, 8, 9 challenge questions	Grade 7, 8, 9 challenge questions		
Assessment		Self assessment and in-class tests		Self assessment and in-class tests	Self assessment and in-class tests	Self assessment and in-class tests		
		Self assessment and in-class tests		Self assessment and in-class tests	Self assessment and in-class tests	Self assessment and in-class tests		

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Courage Term

W/C	19 th April	26 th April	3 rd May	10 th May	17 th May	24 th May	HALF TERM
Topic	C8 – Chemical Analysis	C9 – Chemistry of the Atmosphere		C10 - Using Resources	Year 11 on bespoke revision timetable?		
	Revision	Revision		Revision			
Challenge	Grade 7, 8, 9 challenge questions	Grade 7, 8, 9 challenge questions		Grade 7, 8, 9 challenge questions			
Assessment	Self assessment and in-class tests	Self assessment and in-class tests		Self assessment and in-class tests	GCSE Exams		
W/C	7 th June	14 th June	21 st June	28 th June	5 th July	12 th July	SUMMER
Topic	Year 11 on optional revision timetable?	Year 11 on study leave?					
Challenge							
Assessment							