



Year 11 Unit 1								
Week	1	2	3	4	5	6	7	8
Date wb	Tues 6 <sup>th</sup> Sept	Mon 12 <sup>th</sup> Sept	19 <sup>th</sup> Sept	26 <sup>th</sup> Sept	3 <sup>rd</sup> Oct	10 <sup>th</sup> Oct	31 <sup>st</sup> Nov	7 <sup>th</sup> Nov
Key dates								
Big ideas (key concepts)	Chem 8 – Chem Analysis						Chem 9 - Atmosphere	
Lesson topics sequence	C8.1 Pure substances	C8.2 Formulations  C8.3 Chromatog	C8.4 RP Chromatog  C8.5 Gas Tests	C8.6 Flame Tests  C8.7 Sodium Hydroxide test for cations	C8.8 Testing for anions  C8.9 Mystery Substance testing	C8.10 Instrumental Methods  C8.11 Flame emission spectrometry	C8 Review  C8 PPQs / Test	C9.1 Proportion of gases in the atmosphere  C9.2 Early atmosphere
Key assessments							C8 Test	
Home Learning		SQ C8 KO Number 16-23	PPQs – Chem 8 Chromatog	SQ C8 Triple KO Number 16-21	SQ C8 Triple KO Number 22-25	PPQs – Chem 8 Chemical Tests	C8 Seneca Assignment (part 1)	C8 Seneca Assignment (part 2)

Yr 11 Unit 2								
Week	1	2	3	4	5	6	7	8
Date wb	14 <sup>th</sup> Nov	21 <sup>st</sup> Nov	28 <sup>th</sup> Nov	5 <sup>th</sup> Dec	12 <sup>th</sup> Dec	Tues 3 <sup>rd</sup> Jan	Mon 9 <sup>th</sup> Jan	16 <sup>th</sup> Jan
Key dates		Mock Exams	Mock Exams					
Big ideas (key concepts)	C9 Atmosphere			Chem 9 Atmosphere				Chem 10 Using Resources
Lesson topics sequence	C9.3 How oxygen increased  C9.4 How carbon dioxide decreased	Mock Exams:  Chemistry Paper 1	Mock Exams	C9.5 Greenhouse gases  C9.6 Climate change	Mock Review  Mock Interventions	C9.7 Carbon footprint  C9.8 Limitations on carbon footprint reduction	C9.9 Atmospheric pollution  C9 Review / PPQs	C10.1 Using earth's resources  C10.2 Potable water
Key assessments		Mock Exams					C9 Test	
Home Learning	Mock C1 Revision			SQ Chem 9 KO Number 1-11	Intervention activity	SQ Chem 9 KO Number 22-25	Seneca C9	SQ Chem 10 KO Number 1-7



Yr11 Unit 3								
Week	1	2	3	4	5	6	7	8
Date wb	23 <sup>rd</sup> Jan	30 <sup>th</sup> Jan	6 <sup>th</sup> Feb	20 <sup>th</sup> Feb	27 <sup>th</sup> Feb	6 <sup>th</sup> March	13 <sup>th</sup> March	20 <sup>th</sup> March
Key dates				Mock Exams	Mock Exams			
Big ideas (key concepts)	Chem 10 – Using Resources					Chem 10 Finish		
Lesson topics sequence	C10.3 RP Analysis of water  C10.4 RP Purification of water	C10.5 Waste water treatment  C10.6 Bioleaching & Phytomining	C10.7 LCAs  C10.8 Reduce reuse recycle	Chemistry Paper 2		C10.9 Corrosion  C10.11 Alloys	Mock Review  C10.12 Ceramics	C10.13 Haber Process  C10.14 Fertilisers
Key assessments				Mock Exams				
Home Learning	SQ Chem 10 KO Number 8-16	SQ Chem 10 KO Number 17-26	C10 PPQs			SQ Chem 10 Triple KO Number 29-35	Intervention activity	C10 PPQs

[illegible]



Yr11 Unit 5								
Week	1	2	3	4	5	6	7	
Date wb	12 <sup>th</sup> June	19 <sup>th</sup> June	26 <sup>th</sup> June	3 <sup>rd</sup> July	10 <sup>th</sup> July	17 <sup>th</sup> July	24 <sup>th</sup> July	
Key dates	GCSE Exams	GCSE Exams	Finished!					
Big ideas (key concepts)								
Lesson topics sequence	Chem Paper 2	Phys Paper 2					End of Term	
Key assessments	Revision							
Home Learning								



**Stanchester**  
Academy