



Year 11 Unit 1								
Week	1	2	3	4	5	6	7	8
Date wb	Tues 6 th Sept	Mon 12 th Sept	19 th Sept	26 th Sept	3 rd Oct	10 th Oct	31 st Oct	7 th Nov
Key dates								
Big ideas (key concepts)	Chemistry 6 – Rates of Reaction		Chemistry 7 - Hydrocarbons		Chem 8 – Chem Analysis	Chem 9 - Atmosphere		
Lesson topics sequence	C6.1 Measuring rates C6.2 Measuring rates prac (FT) or tangent to curve (HT) C6.3 RP Concentration (gas) C6.4 RP Concentration (colour)	C6.5 Surface area C6.6 Collision theory C6.7 Catalysts C6.8 Reversible reactions	C6.9 Equilibrium C6 Review / PPQs C7.1 Crude oil C7.2 Alkanes	C7.3 Fractional distillation C7.4 Properties of hydrocarbons C7.5 Cracking & alkenes C7.6 Combustion	C8.1 Pure substances C8.2 Formulations C8.3 Chromatog C8.4 RP Chromatog	C8.5 Gas Tests C7 & C8 Test C9.1 Proportion of gases in the atmosphere C9.2 Early atmosphere	C9.3 Evolution of the atmosphere C9.4 Greenhouse gases & the greenhouse effect C9.5 Evaluating Human impact on Climate change C9.6 Carbon footprint	C9.7 (optional) Impacts of climate change, and reducing our carbon footprint. C9.8 Atmospheric pollution C10.1 Using earth's resources
Key assessments						C7&8 Test		



Home Learning	SQ C6 KO Number 1-5	C6 Practice Questions	SQ C7 KO Number 1-6	SQ C7 KO Number 7-15	SQ C7 KO Number 19-28	SQ C9 KO Number 1-11	SQ C9 KO Number 12-18	
Yr 11 Unit 2								
Week	1	2	3	4	5	6	7	8
Date wb	14 th Nov	21 st Nov	28 th Nov	5 th Dec	12 th Dec	Tues 3 rd Jan	Mon 9 th Jan	16 th Jan
Key dates		Mock Exams	Mock Exams					
Big ideas (key concepts)	C10 Using Resources			C10 Finish		Phys 5 Forces		
Lesson topics sequence	C10.2 Potable water C10.3 RP Analysis of water C10.3 (cont.) RP Purification of water C10.4 Waste water treatment	Mock Exams: Biol Paper 1	Mock Exams Phys Paper 1 Chem Paper 2	C10.5 Bioleaching & Phytomining (HT) C10.6 LCAs C10.7 Reduce reuse recycle Mock Review	Mock Review Mock Review Mock Review P5.1 Vectors & Scalars	P5.2 Heavy or massive P5.3 Resultant forces P5.4 Free body diagrams	P5.5 Resolving vectors (HT) P5.6 Work & Energy P5.7 Forces & Elasticity P5.8 RP Force on a spring	P5.9 Work on a spring P5.10 Displacement & Velocity P5.11 D-T graphs P5.12 Acceleration

Key assessments		Mock Exams						
Home Learning	Mock Revision	Mock Revision		SQ C10 KO Number 6-14	SQ C10 KO Number 17-26	SQ P5 KO Number 1-9	SQ P5 KO Number 37-42	SQ P5 KO Number 43-55

Yr11 Unit 3								
Week	1	2	3	4	5	6	7	8
Date wb	23 rd Jan	30 th Jan	6 th Feb	20 th Feb	27 th Feb	6 th March	13 th March	20 th March
Key dates				Mock Exams	Mock Exams			
Big ideas (key concepts)	Phys 5 Forces					Phys 6 Waves		Phys 7 Electromag
Lesson topics sequence	P5.13 V-T graphs P5.14 Motion equations P5.15 Terminal velocity P5.16 Newtons 1 st	P5.17 Newtons 2 nd P5.18 RP $F=ma$ P5.19 Newtons 3 rd P5.20 Stopping distances	P5.21 Energy when stopping P5.22 Momentum P5.23 Conservation of momentum	Mock Exams Biol Paper 2 Chem Paper 1	Mock Exams P6.2 Transverse & Longitudinal P6.3 Wave speed	P6.4 RP Speed of waves P6.5 Refraction P6.6 EM Spec (part 1) P6.7 Uses of EM	P6.8 Properties of EM P6.9 Radio & Micro P6.10 RP Infrared Mock Review	Mock Review P7.1 Magnetism P7.2 Mag fields P7.3 Mag & electricity – solenoids



			P6.1 Describing waves					
Key assessments				Mock Exams				
Home Learning	SQ P5 KO Number 56-61	SQ P5 KO Number 62-66	P5 Practice Qs/ Mock Revision	Mock Revision	SQ P6 KO Number 1-8	SQ P6 KO Number 15- 17	Phys 6 Practice Qs	SQ P7 KO Number 1-11

Yr11 Unit 4								
Week	1	2	3	4	5	6	7	8
Date wb	27 th March	17 th April	24 th April	Tues 2 nd May	Mon 8 th May	15 th May	22 nd May	5 th June
Key dates	Phys 2 Mock Exam					GCSE Exams	GCSE Exams	GCSE Exams
Big ideas (key concepts)	Phys 7 (cont)	Exam Numeracy		Revision				



Lesson topics sequence	P7.4 Electromagnets P7.5 F=BIL (HT) P7.6 Motors (HT) Mock Phys Paper 2	Mock Review 1. Maths skills – re-arranging 2. Phys Equations practice 3. Maths skills – sig figs & units	4. Graph skills 5. Data handling – mean / range / % change	Revision as informed by mock analysis	Revision as informed by mock analysis	Biol Paper 1	Chem Paper 1	Phys Paper 1 Biol Paper 2
Key assessments	Phys 2 Mock					GCSEs		
Home Learning	SQ P7 KO Number 15-17	Revision	Revision	Revision	Revision	Revision	Revision	Revision

Yr11 Unit 5								
Week	1	2	3	4	5	6	7	
Date wb	12 th June	19 th June	26 th June	3 rd July	10 th July	17 th July	24 th 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								