



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 Nov	7 th Nov
Key dates					Yr 11 Assessments			
Big ideas (key concepts)	Physics 6 - Waves							
Lesson topics sequence	P6.1 – Describing Waves	P6.2 – transverse and Longitudinal Waves P6.3 – Measuring Wave Speed	P.6.4 – Required Practical – Calculating speed of a wave P6.5 – Required Practical Reflection	P6.6 – Refraction P6.7 – Sound Waves	P6.8 – Uses of Waves P6.9 – Seismic Waves	P6.10 – The EM Spectrum P6.11 – The EM spectrum	P6.12 EM properties P6.13 – Radio waves and Microwaves	P6.14 – Required Practical – Infrared Knowledge Assessment – P6 waves
Key assessments								KA – waves and some forces
Home Learning	SQ P6 KO Number 1-8	SQ P6 KO Number 9 -12	PPQ P5 – forces (revision)	SQ P6 KO Number 13-19	SQ Physics 2 triple KO Number 30-34	SQ Physics 2 triple KO Number 35 - 42	SQ Physics 2 triple KO Number 43-47	PPQ - waves



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	16th Jan
Key dates		Mock Exams						
Big ideas (key concepts)	Physics 6 - Waves							Physics 8 - Space
Lesson topics sequence	P6.15 – X-rays, Gamma Rays & Ultraviolet P6.16 – Lenses	Mock Exams	Physics paper 1 – Mock Exam	P6.17 – Ray diagrams P6.18 – Colour	Mock review Mock review	P6.19 – Black Body Radiation P6.20 - Temperature of the earth	P6 – Revision lesson P6 End of Topic exam	P8.1 – Our Solar System P8.2 – Orbits
Key assessments		Mock Exams					End of topic exam – P6	
Home Learning	Mock P1 revision			SQ Physics 2 triple KO Number 48-59	SQ Physics 2 triple KO Number 60-63	PPQ - waves	SQ P8 KO Number 1-7	SQ P8 KO Number 8-14



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				
Big ideas (key concepts)	Physics 8 - Space							
Lesson topics sequence	P8.3- The Sun P8.4 – Life Cycle of a Star	P8.5 – Forming new elements P8.6 Red Shift	P8 – End of topic test Run through topics for Paper 2 mock exam.	Mock Exams	Physics Paper 2 mock exam	Revision – P1 energy	Mock review Mock review	Revision – P2 - Electricity
Key assessments		End of topic test – P8 space		Mock Exams				
Home Learning	PPQ - Space	SQ P8 KO Number 15-24	Mock P2 revision			Seneca P4	PPQ electricity	Seneca P7



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						GCSE Exams	GCSE Exams	GCSE Exams
Big ideas (key concepts)								
Lesson topics sequence	Revision P3 – Particle Model Matter	Revision P4 – Atomic Structure	Revision P5 - Forces	Revision P7 - Electromagnetism	Revision – Paper 1			
Key assessments								
Home Learning	Seneca P1	PPQ – Atomic structure	Seneca P8 & P3	Seneca P6	GCSE revision			

Yr11 Unit 5								
Week	1	2	3	4	5	6	7	
Date wb	12 th June	19 th June						
Key dates	GCSE Exams	GCSE Exams						
Big ideas (key concepts)								
Lesson topics sequence								
Key assessments		Paper 2 physics GCSE						
Home Learning								