

## Science 11X3 Mrs Riley-Sheldon Precision Planning

Week starting	Topic(s) to cover	Lessons	Homework set revision topics set	Period 6 Intervention	Weekend masterclass/Intervention information-timings
<b>4<sup>th</sup> March Week A</b>	C9 Chemistry of the atmosphere	L1 – Earth's atmosphere L2 – Greenside effect L3 – Atmospheric pollutants and climate change L4 – Carbon footprint	B3 infection and response B4 bioenergetics B5 Homeostasis and response	Exam questions biology paper 1	
<b>11<sup>th</sup> March Week B</b>	C10 Using resources	L1 – Earth's Resources and Sustainable Development L2 – Potable water L3 – Wastewater treatment L4 – Alternative method of extracting metals L5 – Life Cycle assessment	C3 quantitative chemistry C4 Chemical changes	Exam questions chemistry paper 1	
<b>18<sup>th</sup> March-A (Art photog exams)</b>	C10 Using resources. P6 Waves.	L1 – Recycling L2 – Transverse and longitudinal L3 – Waves properties - calculations L4 – Speed of ripples RP	P3 Particle model of matter P4 Atomic structure	Exam questions physics paper 1	
<b>25<sup>th</sup> March-B (closed Friday) Week B (Art/Photog exams)</b>	P6 Waves. B7 Ecology.	L1 –EM spectrum L2 – Heat transfer by radiation L3 – Properties of the waves L4 – Biotic and abiotic factors and competition L5 - Adaptations	B5 Homeostasis and response B6 Inheritance, Variation, Evolution	Exam questions biology paper 1	
<b>Easter School Interventions</b>					
<b>15<sup>th</sup> April Week A</b>	B7 Ecology.	L1 – Food chains and food webs L2 – Sampling RP L3 – Water cycle L4 – Carbon cycle	C 5 Energy changes C6 Rate of reaction C7 Organic Chemistry	Exam questions biology paper 2	
<b>22<sup>nd</sup> April Week B</b>	B7 Ecology. P7 Magnetism and electromagnetism	L1 – Land management L2 – Global warming L3 – Biodiversity L4 – Test/review L5 -Magnets permanent and induced	P5 Forces	Exam questions chemistry paper 2	
<b>29<sup>th</sup> April Week A</b>	P7 Magnetism and electromagnetism	L1 – Magnetic fields L2 – Electromagnets L3 – Fleming left hand rule L4 – Motors	Biology paper 1	Exam questions physics paper 2	
<b>6<sup>th</sup> May (Bank Holiday Monday) Week B</b>	Revision	L1 – Revision bio paper 1 L2 – Revision bio paper 1 L3 – Revision chem paper 1 L4 – Revision chem paper 1	Chemistry paper 1	Biology paper 1	