

Science 11X2 (Mrs Eyre) Year 11 Precision Planning

Week starting	Topic(s) to cover	Lessons	Homework set revision topics set	Period 6 Intervention	Weekend masterclass/Intervention information-timings
4th March Week A	P6 Waves B6 Inheritance, variation, and evolution	L1 – Properties of EM waves: Infrared required practical L2 – Properties of EM waves: Refraction L3 – Properties of EM waves: Higher tier consolidation of refraction L4 – Sexual and asexual reproduction, meiosis, DNA, and the genome	Read through the Biology glossary and highlight any keywords you are unsure of or cannot recall the scientific meaning for. Create a flashcard for each with the keyword on one side and the scientific definition on the other. Keep these together in a plastic wallet or hole-punch and keep together with a treasury tag. Complete the Biology Paper 1 2018 past paper, without looking at your notes. Once you've finished, go back through it with your notes to see if you can answer any more in a different coloured pen. Then, check your answers using the mark scheme (or ask your teacher to mark it.) How could you develop your exam technique and subject knowledge further?	N/A	Chemistry paper 1 re-teach Saturday 9 th March 10am-2pm Invite only
11th March Week B	B6 Inheritance, variation, and evolution	L1 – Genetic inheritance (including sex determination) L2 – Genetic crosses and inheritance of genetic disorders L3 – Variation and evolution L4 – Selective breeding L5 – Genetic engineering	Read through the Chemistry glossary and highlight any keywords you are unsure of or cannot recall the scientific meaning for. Create a flashcard for each with the keyword on one side and the scientific definition on the other. Keep these together in a plastic wallet or hole-punch and keep together with a treasury tag. Complete the Chemistry Paper 1 2018 past paper, without looking at your notes. Once you've finished, go back through it with your notes to see if you can answer any more in a different coloured pen. Then, check your answers using the mark scheme (or ask your teacher to mark it.) How could you develop your exam technique and subject knowledge further?	Using the physics equations sheet	Chemistry paper 1 re-teach Saturday 16 th March 10am-2pm Invite only
18th March-A (Art photog exams)	B6 Inheritance, variation, and evolution C9 Chemistry of the atmosphere	L1 – Evidence for evolution, fossils, and extinction L2 – Resistant bacteria L3 – Classification L4 – The Earth's atmosphere	Read through the Physics glossary and highlight any keywords you are unsure of or cannot recall the scientific meaning for. Create a flashcard for each with the keyword on one side and the scientific definition on the other. Keep these together in a plastic wallet or hole-punch and keep together with a treasury tag. Complete the Physics Paper 1 2018 past paper, without looking at your notes. Once you've finished, go back through it with your notes to see if you can answer any more in a different coloured pen. Then, check your answers using the mark scheme (or ask your teacher to mark it.) How could you develop your exam technique and subject knowledge further?	Photosynthesis vs respiration	Chemistry paper 1 re-teach Saturday 23 rd March 10am-2pm Invite only
25th March-B (closed Friday) Week B (Art/Photog exams)	C9 Chemistry of the atmosphere C10 Using resources	L1 – Greenhouse gases, human activity, and global climate change L2 – Reducing the carbon footprint L3 – Atmospheric pollutants from fuels and their properties L4 – Potable water L5 – No lesson; school closed on Friday	Go through the topic checklists for Biology Paper 2 (B5 Homeostasis to B7 Ecology), Chemistry Paper 2 (C6 Rate and extent of chemical change to C10 Using resources) and Physics Paper 2 (P5 Forces to P7 Magnetism and electromagnetism.) What do you remember? What do you need to go back over? What do you never remember learning about? What haven't you covered yet (you will likely still be finishing the last couple of topics.) Take notes to make it clear where you should focus your attention in the run-up to exams. Continue testing yourself/a friend with your vocabulary flashcards.	Bonding	Chemistry paper 1 re-teach Saturday 30 th March 10am-2pm Invite only
<p align="center">Easter School Interventions Tuesday 2nd April – Friday 5th April, 10am-2pm, invite only, required practical re-teach and a chemistry paper 1 'WAGOLL and why'</p>					
15th April Week A	C10 Using resources P7 Magnets and electromagnetism	L1 – Waste water treatment L2 – Alternative methods of metal extraction (higher tier) L3 – Life cycle assessments and reducing the use of resources L4 – Magnets	Review the knowledge organisers for the following units: C10 and P7. Using these (as well as your revision guide and other revision materials) complete a 'show what you know' for each topic. Try and summarise the most important information onto 1 side of A4. Use highlighters/colours/diagrams to help information stand out. Re-watch the Physics required practical activities using the YouTube Playlist on the Command Centre and try and write a suitable method without looking through your notes. Continue testing yourself/a friend with your vocabulary flashcards.	Atomic structure... but in Physics	Biology paper 1 revision Saturday 20 th April 10am-2pm Invite only
22nd April Week B	P7 Magnets and electromagnetism B7 Ecology	L1 – Electromagnets L2 – Fleming's left hand rule (higher tier) L3 – Electric motors (higher tier) L4 – Communities, abiotic and biotic factors L5 - Adaptations	Complete the Biology Paper 2, Chemistry Paper 2, and Physics Paper 2 2018 past papers, without looking at your notes. Once you've finished, go back through it with your notes to see if you can answer any more in a different coloured pen. Then, check your answers using the mark schemes (or ask your teacher to mark it.) How could you develop your exam technique and subject knowledge further? Continue testing yourself/a friend with your vocabulary flashcards.	Graphs and data about disease	Biology paper 1 revision Saturday 27 th April 10am-2pm Invite only

29 th April Week A	B7 Ecology	L1 – Levels of organisation L2 – How materials are cycled L3 – Biodiversity L4 – Waste management	Complete the Biology Paper 1, Chemistry Paper 1, and Physics Paper 1 2019 past papers, without looking at your notes. Once you’ve finished, go back through it with your notes to see if you can answer any more in a different coloured pen. Then, check your answers using the mark schemes (or ask your teacher to mark it.) How could you develop your exam technique and subject knowledge further? Continue testing yourself/a friend with your vocabulary flashcards.	Acids and alkalis	N/A
6 th May (Bank Holiday Monday) Week B	B7 Ecology	L1 – No lesson; school closed on Monday L2 – Land use L3 – Deforestation L4 – Global warming (recap) L5 - Maintaining biodiversity	Complete the Biology Paper 2, Chemistry Paper 2, and Physics Paper 2 2019 past papers, without looking at your notes. Once you’ve finished, go back through it with your notes to see if you can answer any more in a different coloured pen. Then, check your answers using the mark schemes (or ask your teacher to mark it.) How could you develop your exam technique and subject knowledge further? Continue testing yourself/a friend with your vocabulary flashcards.	Electricity	Chemistry paper 1 revision Saturday 11 th May 10am-2pm Invite only