

Science 11Y3 (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	C7 Organic chemistry C8 Chemical analysis	L1 – Properties of hydrocarbons L2 – Cracking and alkenes L3 – Chromatography L4 – Testing for hydrogen and carbon dioxide L5 – Testing for gases summary	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	C9 Chemistry of the atmosphere	L1 – The Earth's atmosphere L2 – Greenhouse gases, human activity, and global climate change L3 – Reducing the carbon footprint L4 – Atmospheric pollutants from fuels and their properties	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)	C10 Using resources P6 Waves	L1 – Potable water L2 – Waste water treatment L3 – Alternative methods of metal extraction (higher tier) L4 – Life cycle assessments and reducing the use of resources L5 – Transverse and longitudinal waves	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)	P6 Waves	L1 – Properties of waves L2 – Types of EM waves L3 – IR required practical L4 – Refraction	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
Easter School Interventions Tuesday 2 nd April – Friday 5 th April, 10am-2pm, invite only, required practical re-teach and a chemistry paper 1 'WAGOLL and why'					
15th April Week A	P6 Waves B7 Ecology	L1 – Uses and applications of EM waves L2 – Communities, abiotic and biotic factors L3 – Adaptations L4 – Levels of organisation L5 - How materials are cycled	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	B7 Ecology	L1 – Biodiversity L2 – Waste management L3 – Land use L4 – Deforestation	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 P7 Magnetism and electromagnetism Revision	L1 – Global warming (recap) L2 – Maintaining biodiversity L3 – Magnets L4 – Electromagnets L5 - Revision	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	Revision	L1 – No lesson; school closed on Monday L2 – Revision L3 – Revision L4 – Revision	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