

Dear Parent / Guardian

Firstly we would like to say a huge thank you to you for supporting your child through both their Science remote learning work during the lockdown period and their subsequent return to school this academic year.

As we teach the final topics and move closer to the November PPEs in Science we thought it would be beneficial to send you a reminder of where we are and what we still have left to do. Your support at home is incredibly important in ensuring our students are reflecting on their studies from Year 9 and 10 and revisiting content weekly, in small amounts over the course of this year.

Topics taught in Years 9 and 10 for Seperate Science and Trilogy are predominantly the same:

Biology	Chemistry	Physics
Paper 1: Cell biology Organisation Infection and response Bioenergetics Paper 2: Homeostasis and response	Paper 1: Atomic structure and the periodic table Bonding, structure, and the properties of matter Quantitative chemistry Chemical changes Energy changes Paper 2: The rate and extent of chemical change Organic chemistry	Paper 1: Energy Electricity Particle model of matter Atomic Structure (radioactivity) Paper 2: Forces

Topics to be taught this year:

Biology	Chemistry	Physics
Paper 2: Inheritance, variation and evolution Ecology.	Paper 2: Chemical analysis Chemistry of the atmosphere Using resources	Paper 2: Waves Magnetism and electromagnetism Space [Not on the trilogy course]

Support for students:

- CGP Revision guides - these can be purchased from the Squid portal. Teachers can then provide these to students in lessons and are at a reduced cost for our students. Separate books are available for Trilogy students (one book) and GCSE Science students (three books)
- Seneca learning <https://www.senecalearning.com/> - most students have already been accessing resources on this free website, if they aren't already, 10 minutes on this every week revisiting content can really boost core knowledge
- BBC Bitesize Revision
 - Biology: <https://www.bbc.co.uk/bitesize/examspecs/zpgcbk7>

- Chemistry: <https://www.bbc.co.uk/bitesize/examspecs/z8xtmnb>
- Physics: <https://www.bbc.co.uk/bitesize/examspecs/zsc9rdm>

- Specification and Past Papers:
 - Biology: <https://www.aqa.org.uk/subjects/science/gcse/biology-8461>
 - Chemistry: <https://www.aqa.org.uk/subjects/science/gcse/chemistry-8462>
 - Physics: <https://www.aqa.org.uk/subjects/science/gcse/physics-8463>
 - Trilogy: <https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464>

- Physics and Maths Tutor - a fantastic place to find examination questions and answers by topic for all Sciences <https://www.physicsandmathstutor.com/>

Your support and encouragement is fundamental to ensuring we get the best possible outcomes for our students at the end of this academic year. We will only ever ask that students try their best in their subjects and we appreciate the time and effort you have given in supporting them at home in their preparations for the Science assessments.

Our Paper 1 PPE's are timetabled for November - students have already been provided with a timetable of when these occur. **PPEs for Biology, Chemistry and Physics will consist of Paper 1 - for GCSE Science students these papers are 1 hour 45 mins and 100 marks, for Trilogy students the papers are 1 hour 15 mins and are worth 75 marks each**

If you would like to discuss any of the above information please do not hesitate to contact me or your child's relevant Science teacher.

Kind regards

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