



Bishop Wordsworth's School

Exeter Street, Salisbury, Wiltshire SP1 2ED

Telephone: 01722 333851

Fax: 01722 325899

E-mail: admin@bws.wilts.sch.uk

Website: www.bws-school.org.uk

Head Master: Dr S D Smallwood BSc (Hons) PhD NPQH

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Dear Parents/Guardians

A Level Chemistry

Boys have now received their end of year exam results. Boys are aware that the end of year and in year assessments provide us with evidence on which to base predicted grades for UCAS, apprenticeships or job references. However, we will not decide upon these predicted grades until the autumn term when we will additionally reflect on how effectively students settle to their studies at the start of Yr13.

The linear A Level is assessed by way of three papers at the end of Yr13 and our experience of teaching linear courses suggests that those students who start Yr13 with a thorough understanding of the work undertaken in Yr12 are more likely to achieve well in the terminal A Level examinations. The work covered in Yr13 builds upon the Yr12 studies so having a solid grasp of the Yr12 work provides a foundation on which further knowledge and understanding can be built upon. Some boys would be wise to strengthen this foundation.

To support boys in their studies we are recommending that boys spend some time, perhaps towards the end of the holiday ensuring that they revisit their linear studies. Your son will have this outlined to him so the information below is just for your information. Some of this work is for all boys with other work recommended especially for those boys who have not achieved well in the end of year exam. Where the resources are available on the file area of the school website for Yr12 Chemistry then the link to use is here:

<http://www.bws-school.org.uk/Curriculum-Exams/Science/Files/Y12Files/>

Work for all students

- Look over the work on rates of reaction and revise for a test which will take place early in September.
- Work through the Independent Study Guides found on the file area of the website for 'Linear Rates of Reaction' and 'Preparing for Year 13 Organic' Independent study guide.
- Preparation for Year 13 Transition Metal topic. Look back over pages 54-58 of your textbook and go through the relevant section of the 'Electron configuration and Periodicity' Independent Study guide found on the file area of the website.
- End of chapter 18 Questions – complete and mark using link here:

<https://global.oup.com/education/content/secondary/series/ocr-a-level-sciences/alevel-sciences-for-OCR-student-book-answers/?region=uk>

As a minimum all students will be expected to bring the printed independent study guides to the first lesson in September showing that the past paper questions within the guides have been completed and marked along with the end of chapter 18 questions which should also have been marked.

Suggested consolidation work for boys whose Yr12 foundation is not sufficiently strong

- Go over their work undertaken this year, making notes where necessary from the textbook.
- Undertake summary questions from textbook and mark using answers in the back of the book.
- Complete end of chapter questions (if not already done) and mark using answers <https://global.oup.com/education/content/secondary/series/ocr-a-level-sciences/alevel-sciences-for-OCR-student-book-answers/?region=uk>
- Complete the SWGS past paper questions for F321 and F322 if not already done - these can be found on the school website - file area for Year 12 Science.
- Use the 'Independent study guides' that the Chemistry department have produced available on the school website file area for Year 12 Science for areas of the course where you need to focus.

Where boys have missed significant numbers of lesson in the final weeks of term due to open days, the DofE trip, Cambodia trip, Headstart courses etc. then it is important that they refer to any emailed instructions from their teachers or just seek out their teachers before the end of term to make sure that they know exactly what work needs to be caught up.

We hope that you will support your son in spending some time over the holiday ensuring that he can 'hit the ground running' in September by consolidating his learning, completing any outstanding work, organising files and purchasing new files where necessary.

Please do contact me if I can be of any help.

Yours sincerely

Dr Emma Baker
Director of Science
eeb@bws.wilts.sch.uk