



# Bishop Wordsworth's School

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

1 July 2016

Dear Parents/Guardians

## Year 12 Linear Science

Since Easter, in addition to the boys undertaking end of year exams, we have made a start to the work of the second year of the linear Science courses. We will be discussing the end of year exam results with the boys over the next week or so and you will receive an end of year report before the summer holiday.

Those students who have achieved less than a grade C will be asked to sit a further exam at the start of September. This means that these boys will have a further opportunity to demonstrate that they have a sufficiently strong body of knowledge and understanding to enable us to be confident in predicting that they would at the least achieve a pass grade at A Level.

As you are aware, the linear exams are examined solely at the end of the two years of the course. To support boys in their studies, we are recommending that they spend some time, perhaps towards the end of the holiday, revisiting their linear subjects so that they return in a strong position to further their study in the second year. Suggested work is provided below. The work of the first year will be built upon in the second year of study. This means that it is essential that boys have a solid knowledge and understanding of the work covered this year to enable them to achieve highly next year.

We can also recommend some revision books and workbooks (each at a discounted price of £4.99) published by Pearson which are available for each of the sciences. These books are aimed at enabling students to consolidate the majority of their studies, rather than providing the stretch and challenge material that is required for those hoping to achieve an A\* result. The books can be ordered from Pearson at [www.pearsonschool.co.uk](http://www.pearsonschool.co.uk), by email at [customer.orders@pearson.com](mailto:customer.orders@pearson.com) or by telephone 0845 6303333. Please quote the discount code of **ABNREVCC** to receive a 50% discount.

Revise OCR AS/A Level Biology Revision Guide (with online edition) – 9781447984368

Revise OCR AS/A Level Biology Revision Workbook – 9781447984290

Revise OCR AS/A Level Chemistry Revision Guide (with online edition) – 9781447984375

Revise OCR AS/A Level Chemistry Revision Workbook – 9781447984320

Revise OCR AS/A Level Physics Revision Guide – 9781447984382

Revise OCR AS/A Level Physics Revision Workbook - 9781447984351



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## Suggested consolidation work in addition to use of the above workbooks/revision guides

### Chemistry:

- Go over the work undertaken this year, making notes where necessary from the textbook.
- Work through the revision guides and workbooks mentioned above, if possible.
- Attempt some of the legacy AS papers which are all available with mark schemes on the OCR website <http://www.ocr.org.uk/qualifications/as-a-level-gce-chemistry-a-h034-h434/>
- Complete the SWGS past paper questions for F321 and F322 if not already done.

### Physics:

All boys should consolidate A2 work from the summer term/catch up on lessons missed for DofE, university visits, Great Yews etc. They should work through the revision guides and workbooks mentioned above, if possible. Also, using their text book 'A level Physics for OCR', all pupils should do:

- Thermal Physics: p268-270. Read and answer the questions.
- Specific Heat Capacity pp276-279. Read and answer the questions.
- Angular velocity and the radian pp302-304. Read and answer the questions.

In addition, boys who are doing a re-sit in September should use the resources on the Physics area of the website to ensure they are thoroughly prepared.

### Biology:

- Use the text book to consolidate notes and complete the end of chapter questions.
- Work through the revision guides and workbooks mentioned above, if possible.
- Ensure that all practical activities required for the practical endorsement are completed and handed in.
- Past papers and mark schemes for the year 12 content can be found on the Bishop Wordsworth Website, within the Biology Year 13 files area. These will provide plenty of opportunity to check understanding and improve the quality of answers.



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Where boys have missed significant numbers of lessons in the final weeks of term due to open days, the DofE 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.

Kind regards

Dr Emma Baker  
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