

St Crispin's School

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DR/FK

21st September, 2018

Dear Parent/Carer,

Level 3 Science: BTEC Applied Science, A level Biology, A level Chemistry & A level Physics

Firstly, we would like to introduce ourselves as the sixth form Science team as well as to pass on our congratulations on your son/daughter's success during the summer exams. We look forward to working together to ensure further success later this year.

Level 3 Science courses are very demanding and will entail a significant volume of work outside of the classroom if success is to be achieved at the end of the course. To help your son/daughter, I have listed some suggested activities below. Whilst we will be working with students to develop their independence we recognise it was only a few months ago when they were still year 11 following a very structured pathway, often with lots of support. It would help students if:

- Have a weekly discussion with your son/daughter about their progress. Please ask about areas for improvement and encourage them to voice them to us (we want to do everything we can to encourage and offer more as students do not always speak up).
- Review their notes once a week – are they well-presented and of a standard that would allow them to use them for revision at the end of year 13?
- Ensure they are keeping up with personal studies. Students will be expected to complete a personal study task every lesson, frequently a set of practice questions. These should be self-marked and returned to class by the deadline specified for review by the class teacher.
- For A level Sciences – are they up to date with all practical endorsement tasks? We use OneNote or paper-based lab books for the Practical part of our courses.
- For BTEC Applied Science – are they up to date with the coursework elements of the BTEC? Have they submitted pieces by the deadline and acted on any feedback given?
- Encourage further reading. We will be recommending some particular extra materials that students might like to read to enable them to achieve the higher grades.
- Finally, please do not hesitate to email us if you are concerned about their progress.

We will provide your son/daughter with a text book which must be looked after and returned at the end of the year in order to receive the full course book. There are also a few other resources that we would recommend and can purchase these at a discount if payment is received by the 3rd October.

Biological Sciences Review, Chemistry review and Physics review - £15.10 each per year

This is a quarterly Biology magazine written by examiners for A-level Scientists and contains excellent exam tips. It is available online for no fee, but students are more likely to read a hard copy.

A-Level Biology/Chemistry/Physics for OCR: Year 1 Student Book (CGP) - £10.10 each

ISBN - 978-1782943204 / 978-1782943228 / 978-1782947905

This book is an additional textbook that is an excellent partner to the provided textbook. It explains some topics in greater depth and also has a range of practical skills based questions, such as recall or application of knowledge. Each subject matches the A-level course, but they are equally applicable to the BTEC course.

A Level Biology A/Chemistry A/Physics A for OCR Student Book (OUP) - £35.80 each

ISBN - 978-0198351924 / 978-0198351979 / 978-0198352181

This book is issued at the beginning of year 13 and has all the content for the 2-year course. It is, however, different from the one we use for year 12 and so can be a useful companion, explaining topics in a different way. This will also mean that your son/daughter can make notes to highlight text throughout the textbook at their leisure.

Maths skills for A level Biology/Chemistry/Physics (OUP) - £11.10 each

ISBN - 978-1471863455 / 978-1471863493 / 978-1471863431

This book is a useful aide for the new mathematical requirements in A level Sciences. Whilst this is not usually used in lessons, it is useful for extra practice of different formulae and maths skills. The Biology and Chemistry versions would be a useful companion for those students studying BTEC Applied Science.

BTEC Nationals Applied Science: Student Book Level 3 (Pearson) - £23.10 each

ISBN - 978-1292134093

This will be the main course book that is supplied to all students studying the Level 3 BTEC Applied Science course; it covers the theory of all units and has practice questions for each topic covered. This would be useful as a home textbook if your son/daughter wishes to keep their supplied copy in school.

Revise BTEC National Applied Science Revision Guide (Pearson) £9.53 each

ISBN - 978-1292150048

This revision guide, written by the exam board, is a useful companion for study throughout the 2-year BTEC Applied Science course. It is packed with revision activities and annotated sample responses for each unit to show students how to tackle the assessed tasks.

We would not wish you to purchase all of the extra books, but my personal recommendation would be to purchase the GCP text and Maths guide for those who may find the course harder (GCSE Grades 6/7) and for those that wish to extend themselves the Science review magazines and some of the degree text books teachers will share in class. These books often give fuller accounts of scientific ideas and older editions can be picked for as little as £2-3 on Amazon for a used book in good condition. Please encourage your child to speak to us about the best selection for them.

Yours faithfully,

The Biology Team
Dr D Rose
(Head of Science)

Mr S Hatton

The Chemistry Team
Ms R Wilkes
(Second in Science)

Mr L Wormstone
(Second in Science)

Mr T Bate

Dr E Sonnex

The Physics Team
Ms G Hearn

Mr J Davidson

The Applied Science Team
Mr S Hatton
(Second in Science)

Mr J Wheatcroft
(Third in Science)

Dr E Sonnex

Payment Procedures - We ask you to use the on-line payment system to pay for this particular Trip/activity if possible. Payments can be made online by debit or credit however we would be very grateful if you could use a debit card as the school is charged a higher fee for payments by credit card. If you have an online account, please proceed as normal.

If you have not previously created an online account please email onlinepayments@crispins.co.uk to request a Pupil Link Code and a list of instructions.

If you choose to pay by cheque please ensure that the student's name, form and the name of the Trip/Activity are clearly written on the back of the cheque, which should be made payable to **'St Crispin's School'**.

If paying by cash it must be in a sealed envelope with the students name, form, amount enclosed, Trip/Activity clearly written on the outside.

To: Mr S Hatton, Second in Science

I would like to purchase the following resources for:

Student Name _____ Form _____

- | | | |
|--------------------------|--|--------|
| <input type="checkbox"/> | Biological Sciences Review | £15.10 |
| <input type="checkbox"/> | Chemistry Review | £15.10 |
| <input type="checkbox"/> | Physics Review | £15.10 |
| | | |
| <input type="checkbox"/> | CGP Text book Biology – Year 1 | £10.10 |
| <input type="checkbox"/> | CGP Text book Chemistry – Year 1 | £10.10 |
| <input type="checkbox"/> | CGP Text book Physics – Year 1 | £10.10 |
| | | |
| <input type="checkbox"/> | OUP Text book Biology – Full course | £35.80 |
| <input type="checkbox"/> | OUP Text book Chemistry – Full course | £35.80 |
| <input type="checkbox"/> | OUP Text book Physics – Full course | £35.80 |
| | | |
| <input type="checkbox"/> | OUP Maths skills for A level Biology | £11.10 |
| <input type="checkbox"/> | OUP Maths skills for A level Chemistry | £11.10 |
| <input type="checkbox"/> | OUP Maths skills for A level Physics | £11.10 |
| | | |
| <input type="checkbox"/> | Applied Science student book | £23.10 |
| <input type="checkbox"/> | Applied Science revision guide | £9.53 |

I have made a payment using Tucasi for the total of £ _____

Please ensure that payment and the return slip reach the school by Wednesday, 3rd October in order to receive the discounted prices.

Please return slips to the student hatch.

Please tick method of payment:-

- I have paid online
- I enclose a cheque payable to “St Crispin’s School” for £ _____ with the Student’s name, form and year and ‘science resources’ on the reverse.
- I enclose cash £ _____ in a sealed envelope with student’s name, form and year and ‘science resources’ on the outside.

Signed (Parent/Carer) _____ Date: _____

Please print name here _____

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