



Bishop Wordsworth's School

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26 September 2019

Dear Parents/Guardians

I am contacting you regarding opportunities for academic support in the coming year for your son in Chemistry. We are keen to see an increase in his performance so that he can be confident of securing the post-18 option he wants.

The Chemistry staff will be holding one lunchtime "help session" per week and we believe that your son would benefit from attending these sessions regularly. In order for these sessions to be productive we would ask that he come prepared to the first lunchtime with a specific work book that we will be working from. This is available on Amazon or at most book stores; A-Level Chemistry for OCR A: Revision Guide by Rob Richie and Emma Poole, ISBN: 978019835199-3. If obtaining this book is problematic please contact me and we may be able to provide support.

Your son will be asked to complete a relevant section of the work booklet each week and then we will meet to address misconceptions and areas of difficulty reviewing last year's content before moving on to more recent theory (please see the timetable on the next page).

Sessions will last approximately 30 minutes and will be held at a lunch time with the first session on the 9th October at midday. We hope you will be able to support us in ensuring your son makes the most of this opportunity and should you have any further questions please do not hesitate to contact me at eeb@bws.wilts.sch.uk.

Kind regards

Emma Baker
Director of Science/Head of Chemistry

Week beginning	Topic to be Covered	Pages of the Book and summary questions to be completed in advance
07/10/2019	Atomic Structure - Calculations including acids and bases, titrations and redox	2-20 (note this includes the practice questions on pages 6, 14 and 21)
14/10/2019	Electron Structure and structures and bonding	22-25 (note this includes the practice questions on page 28)
21/10/2019	Shapes of molecule and intermolecular forces	29 - 34 (note this includes the practice questions on next page 35)
Half Term		
04/11/2019	Periodicity and Periodic Table	36-47 (note this includes the practice questions on page 42 and 48)
11/11/2019	Enthalpy	49-56 (note this includes the practice questions on page 57)
18/11/2019	Rates of Reaction	58-62 and 105-113 (note this includes the practice questions on page 114 and Q1,2 and 4 on page 66)
25/11/2019	Equilibria	63-65 and 115-120 (note this includes the practice questions on page 121 and Q3 and 5 on page 66)
02/12/2019	Yr 12 Organic Chemistry – Nomenclature and Alkanes	67- 77 (note this includes the practice questions on page 78)
09/12/2019	Yr 12 Organic Chemistry – Alkenes and Alcohols	79- 89 (note this includes the practice questions on page 86 and on page 66 and page 90)
Christmas Break		
06/01/2020	Haloalkanes and Yr12 organic practical skills	91-97 (note this includes the practice questions on page 94 and 98)
13/01/2020	Prelim Week	
20/01/2020	Mass spec and IR	99-103 (note this includes the practice questions on page 104)
27/01/2020	Transition Metals and redox	162-172 (note this includes the practice questions on page 173)
03/02/2020	Benzene and Phenol Chemistry	174-183 (note this includes the practice questions on page 184)
10/02/2020	Carbonyls and Carboxylic acids	185-192 (note this includes the practice questions on page 193)
Half Term		
24/02/2020	Electrode Potentials	155-160 (note this includes the practice questions on pages 161)
02/03/2020	Amines and Amino acids	194-201 (note this includes the practice questions on page 202)
09/03/2020	Acids and Bases, Buffers and Neutralisation	122-130 (note this includes the practice questions on pages 131 and 137)
16/03/2020	NMR and combined techniques	212-220 (note this includes the practice questions on page 221)
23/03/2020	C-C bond formation and synthesis	203-208 (note this includes the practice questions on pages 209)
Easter		