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Description automatically generated***Year 12 Summer Support 2020-21**

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| **A Level Chemistry** | |
| **Study Resources & Requirements** | **Tick when complete** |
| Ensure you have access to all the resources:  Google Drive- <https://drive.google.com/drive/folders/1MXCZIxLHqCTNJ8QxOnPOmzGi2mwBt9LQ?usp=sharing>  Textbook Year 1 & 2 - <https://www.kerboodle.com/api/courses/38528/interactives/111412.html>   * Kerboodle Username:  first letter of first name and surname e.g. mbrown * Password:   same as username unless you’ve changed it |  |
| Watch Professor Dave Explains videos on YouTube <https://www.youtube.com/results?search_query=professor+dave+explains+chemistry>  Make summary notes from each topic video |  |
| Revision Guide – complete worksheets and answer the ‘apply it’ and exam questions |  |
| Textbook- complete ‘check it’ and ‘apply it’ questions. MCQs |  |
| AS chemistry PLCs- Red, Amber, Green Paper 1 and 2 topics and revise these |  |
| Create a revision timetable demonstrating how each topic is going to be covered over Summer.  Units - Physical Chemistry 1, Inorganic Chemistry 1 and Organic Chemistry 1 |  |
| Complete revision grids, flash cards, mindmaps – pink book and eye on the exam for each topic |  |
| Identify key weaknesses within each topic to address these and check progress |  |
| Consolidate knowledge of amount of substance and reaction mechanisms |  |
| AS exam past papers 2016, 2017, 2019 exam papers- check answers against mark scheme |  |
| Complete past exam question booklets for each topic. Test bank on my Google Drive. |  |
| **Study Checklist** | **Tick when complete** |
| Ensure you have a clear understanding of exam requirements – command words, types of questions and number of marks. Structure of 16 marks- A01, AO2, AO3 |  |
| Recognise and make use of appropriate units in calculations to improve your maths skills |  |
| Practice application AO2 questions where you need to apply your knowledge through exam practice |  |
| Analyse, interpret and evaluate scientific information, ideas and evidence, including in relation to issues from past exam papers |  |
| Use the class google drive for all revision resources alongside the revision booklet provided to consolidate your knowledge and develop exam skills. |  |
| Use specialist terminology effectively in your answers – identify keywords for each topic. |  |
| Practice the multiple choice questions in a timed-manner from past exam papers |  |
| Recap all Required Practical Methods as these are assessed across all three A-Level papers. |  |