

Chemistry

Exam Board: OCR

Qualification: A level



Longdean School
'Rejoice in thy youth'

Congratulations on making such a good choice of A Level subject! The aims of the tasks below are to ensure that you are as well prepared as possible for the A Level course, to improve your confidence in your knowledge and ability, and to give us extra evidence (over and above your GCSE grades this summer!) of your strengths and areas for development.

Instructions

- **All** students need to complete tasks **A, B & C**.
- **Task A** needs to be “handed in” electronically by 13th September 2024
- **Task B** needs to be handed in during your first Chemistry lesson in the week commencing 9th September 2024.
- **Task C**: we will ask you to show us what you have done for this during the week commencing 9th September 2024.

TASK A

1. Navigate to www.senecalearning.com
2. Log in. If you do not have an account – create a new one.
3. Join our A-Level Chemistry Class: class code: **me8gsvkevz**
4. If the Seneca class code does not work, try this link:
<https://app.senecalearning.com/dashboard/join-class/me8gsvkevz>
5. Complete the assignments set
6. Repeat any for which you do not feel happy with your score
7. My advice would be to spread them out over the summer holidays, perhaps aiming to complete them all over the first few weeks, and then repeat them and improve your scores over the last few weeks.

Task B

- Collect a “Head Start to A-Level Chemistry” book from S4
- Make notes or flashcards on each topic (either electronic or physical)
- Complete the Practice Questions on each page

Task C

1. See the appended A Level Chemistry folder checklist. Set up your folder with all items on the checklist up to, but not including, module 1 notes. Use the course website to help you: <https://www.ocr.org.uk/qualifications/as-and-a-level/chemistry-a-h032-h432-from-2015/>

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2. Check out some of the online resources below, to start planning which you will use to help you during the A Level course. (Not all OCR Specific). Make a note of what you think of each one and when / for what you might use it.

- <https://www.youtube.com/user/MaChemGuy>
- <http://www.knockhardy.org.uk/ppoints.htm>
- <http://www.knockhardy.org.uk/sci.htm>
- <http://www.chemguide.co.uk/>
- <https://www.khanacademy.org/science/chemistry>
- <https://www.creative-chemistry.org.uk/alevel>
- <http://www.docbrown.info/index.htm> (and other links on this page)
- <https://chemrevise.org/>
- <http://www.a-levelchemistry.co.uk/>

3. You may wish to read some of the books listed on the following site:

<https://chemrevise.org/2019/07/03/chemistry-summer-reading-updated/>

Notes and Information

- If you struggle with any aspect of these tasks, and/or want to discuss whether you should pick A Level Chemistry, email me or Mr Munday on:
 - m.oliver-singleton@longdean.herts.sch.uk
 - n.munday@longdean.herts.sch.uk
- If you took the **Combined Science Trilogy GCSEs**, we may decide to give you one or more Separate Science: Chemistry paper(s) under test conditions in September, so that we can be jointly aware of any “gaps” that we need to address in the first term. (Your score on this is not linked to the offer of a place on the course – it is purely diagnostic.)

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A Level Chemistry Folder Checklist

Version 1.4 Updated 23/05/2024

At each checkpoint – you must:

- Complete the relevant section of the checklist
- Photograph/scan this checklist, and email the photograph/scan to us. We will file these for future reference.
- Bring your updated folder to us

After each PAG, you need to:

- Photocopy the PAG and file the copy in your folder
- Photograph or scan the PAG and email it to us
- Hand in the original in a plastic polypocket, with the completed PAG front sheet at the front, displaying your name and the date the PAG was completed

Failure to meet these deadlines satisfactorily may lead to you being required to attend Friday catch-up sessions.

Contents of folder to complete by each checkpoint

- Contents page
- Labelled dividers for WHOLE folder
- This checklist
- Specification – divided by module – filed separately by module
- Specification errata
- OCR Practical handbook
- List of online educational resources
- Data sheet
- Module 1 notes completed
- Module 1 definitions as flash cards (physical or electronic)
- Module 2 notes started
- Module 3 notes started
- Module 4 notes started
- Independent work record completed
- All specification points covered so far – RAGed and/or annotated
- Blank PAG front sheets

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All of the above by Checkpoint 1: Just before October half term in year 12

- Module 1 assessment(s)
- Module 2 notes updated
- Module 2 definitions as flash cards (physical or electronic)
- Module 2 PPQs printed, completed, marked, corrected
- Module 2 assessments
- Module 3 notes updated
- Module 3 definitions as flash cards (physical or electronic)
- Module 3 PPQs printed, completed, marked, corrected
- Module 3 assessments
- Module 4 notes updated
- Module 4 definitions as flash cards (physical or electronic)
- Module 4 PPQs printed, completed, marked, corrected
- Module 4 assessments
- Independent work record completed
- All specification points covered so far – RAGed and/or annotated
- Copies of PAGs completed to date

All of the above by Checkpoint 2: Just before Christmas in year 12

- Module 2 notes completed
- Module 3 notes completed
- Module 4 notes completed
- Mid-year Prelim exam(s) with AfL and corrections
- AS Level past papers printed (**Sample, 2016, 2017, 2018, 2019, 2020, 2021, 2022**)
- AS Level past papers completed, marked and corrected.
- OCR Exam hints for students handout
- All specification points covered so far – RAGed and/or annotated
- Independent work record completed
- Copies of PAGs completed to date

All of the above by Checkpoint 3: After Easter in year 12

- Module 5 notes started
- Module 5 definitions as flash cards (physical or electronic)
- Module 6 notes started
- Module 6 definitions as flash cards (physical or electronic)
- All specification points covered so far – RAGed and/or annotated
- Independent work record completed
- Copies of PAGs completed to date

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All of the above by Checkpoint 4: Just before October half term in year 13

- AS prelim exams with AfL and corrections
- Module 5 notes updated
- Module 5 PPQs printed, completed, marked, corrected
- Module 5 assessments
- Module 6 notes updated
- Module 6 PPQs printed, completed, marked, corrected
- Module 6 assessments
- All specification points covered so far – RAGed and/or annotated
- Independent work record completed
- Copies of PAGs completed to date
- OCR Student revision checklist

All of the above by Checkpoint 5: Just before February half term in year 13

- Module 5 notes completed
- Module 6 notes completed
- Independent work record completed
- All specification points covered so far – RAGed and/or annotated
- Mid-year Prelim exam(s) with AfL and corrections
- A Level past papers printed (**Sample, 2017, 2018, 2019, 2020, 2021, 2022**)
- A Level past papers completed, marked and corrected.
- Copies of ALL PAGs completed (at least 1 from each PAG group)

All of the above by Checkpoint 6: After Easter in year 13