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| Chemistry Revision List Summer 2025 | |
| Exam information:  **AQA AS Paper 1**   * Relevant physical chemistry topics (sections 3.1.1 to 3.1.4, 3.1.6 and 3.1.7) and inorganic chemistry (section 3.2) with relevant practical skills * Written exam: 1 hour 30 minutes * 80 marks in total (65 marks of short and long answer questions and 15 marks of multiple-choice questions)   **AQA AS Paper 2**   * Relevant physical chemistry topics (sections 3.1.2 to 3.1.6) organic chemistry (section 3.3), and relevant practical skills * written exam: 1 hour 30 minutes * 80 marks (65 marks of short and long answer questions and 15 marks of multiple choice questions | |
| Topic | Revised? |
| 3.1 Physical chemistry |  |
| 3.1.1 Atomic structure |  |
| 3.1.2 Amount of substance |  |
| 3.1.3 Bonding |  |
| 3.1.4 Energetics |  |
| 3.1.5 Kinetics |  |
| 3.1.6 Chemical equilibria, Le Chatelier’s principle and Kc |  |
| 3.1.7 Oxidation, reduction and redox equations |  |
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| 3.2 Inorganic chemistry |  |
| 3.2.1 Periodicity |  |
| 3.2.2 Group 2, the alkaline earth metals |  |
| 3.2.3 Group 7(17), the halogens |  |
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| 3.3 Organic chemistry |  |
| 3.3.1 Introduction to organic chemistry |  |
| 3.3.2 Alkanes |  |
| 3.3.3 Halogenoalkanes |  |
| 3.3.4 Alkenes |  |
| 3.3.5 Alcohols |  |
| 3.3.6 Organic analysis |  |
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| Revision Links | |
| PMT  [PMT AS Chemistry](https://www.physicsandmathstutor.com/chemistry-revision/a-level-aqa/)  Cognito  [Cognito Alevel Chemistry](https://puppeteer.cognitoedu.org/course/c3-alevel-aqa)  MME  [AQA Alevel Questions](https://mmerevise.co.uk/a-level-chemistry-revision/)  Save my Exam  [Alevel Revision notes](https://www.savemyexams.com/a-level/chemistry/aqa/17/revision-notes/)  Video Link : [MaChemGuy](https://www.youtube.com/@MaChemGuy) | |