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| **Chemistry Revision List Summer 2025** | | |
| **Exam information:** All students in Year 10 are currently on the Combined (Trilogy) Science pathway and will sit 3 combined science exams- one for Biology, one for Chemistry and one for Physics. They will then received a combined Science.  **Written exam**: 1 hour 15 minutes  **Exam Board:**  AQA Combined Science.  **Tier:** Set 1 and 2 and Set 3, 4 and 5  **Marks**:70 marks  **Questions**: A mixture of multiple choice, structured, closed short answer, and open response.  **Additional Information:** A Periodic Table will be provided alongside the exam paper  You need to bring a calculator to your exam.  This exam will cover some topics from Year 10 and some from Year 9 | | |
| **Topic** | | **Revised?** |
| **Year 9** | Separating Techniques (filtering, distillation, crystallisation, evaporation) |  |
| Atomic Structure |  |
| Reacting Masses |  |
| Collision Theory (basic) |  |
| Reactivity Series / Reactivity of Metals |  |
| Sustainability: |  |
| Life cycle assessments |  |
| **Year 10** | Atomic Structure |  |
| History of the Atom |  |
| History of the Periodic Table |  |
| The trends in the Periodic Table (Group 1, Group 7 and Group 0) |  |
| Metallic Bonding & properties |  |
| Ionic Bonding & properties |  |
| Covalent Bonding: Simple and Giant structure and properties |  |
| Making Salts |  |
| Reactivity of Metals |  |
| Crude Oil and Hydrocarbons |  |
| Pollutants |  |
| Exothermic and Endothermic Reactions |  |
| Reaction profiles and Bond energy calculations |  |
| **Revision Links**  **Cognito Science Lessons**  [Chemistry Lessons | GCSE Chemistry AQA | Cognito](https://cognitoedu.org/courseoverview/c2-gcse-aqa-h-t/lessons)  **BBC Bitesize**  [BBC Bitesize Periodic Table and Reacting Masses](https://www.bbc.co.uk/bitesize/topics/zfv646f)  [BBC Bitesize Bonding](https://www.bbc.co.uk/bitesize/topics/z9dbmbk)  [BBC Bitesize Crude Oil & Fractional Distillation](https://www.bbc.co.uk/bitesize/topics/zk29p9q/watch/z3ygmbk)  [BBC Bitesize Energy Changes](https://www.bbc.co.uk/bitesize/topics/z974h4j)  [BBC Bitesize Making Salts](https://www.bbc.co.uk/bitesize/topics/zjtwywx/watch/zpn8s82)  [Energy Changes Practical](https://www.bbc.co.uk/bitesize/topics/zjtwywx/watch/zm64h4j)  [GCSE Chemistry Revision | Worksheets | Past Papers | MME](https://mmerevise.co.uk/gcse-chemistry-revision/)  **(note: some content requires a subscription, a lot are free)**  **Discover tutoring Combined science interactive quizzes**  [Best Online GCSE Combined Science Tutoring - Discover Tutoring](https://discovertutoring.co.uk/science/combined/) | | |