A level Chemistry

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| **EXPECTATIONS** | * Remind yourself of the subject expectations and the syllabus by watching the Subject Video on the school website: <https://sixthform.fulford.york.sch.uk/curriculum-offer/>
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| **PURCHASE****A black shopping cart with wheels  Description automatically generated with low confidence** | **Essential**: AQA Chemistry: A Level Year 1 and AS (AQA A Level Sciences 2014) textbook.Ted Lister and Janet Redshaw. Oxford University Press. Three books are available:* Year 1 only: ISBN 978-0198357711
* Year 2 only: ISBN 978-0198357704 (needed for Y13)
* Year 1 and Year 2 (larger book): ISBN 978-0198351825
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| **REVIEW****A black and white clipboard with a check mark  Description automatically generated with medium confidence** | * Review your knowledge of **command words** used in AQA Science, using the link: <https://www.aqa.org.uk/resources/science/as-and-a-level/chemistry-7404-7405/teach/command-words>
* Research careers/degree apprenticeships/university courses that require A-Level Chemistry and think about what you hope to achieve from the course.
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| **READ****A black and white pictogram of a person reading a book  Description automatically generated** | Read the following chapters in the A level Chemistry textbook, as given above:* 1.1 Fundamental Particles.
* 1.2 Mass number, atomic number, and isotopes.
* 2.1 Relative atomic and molecular masses, the Avogadro constant, and the mole.
* 2.2 Mole in solution.

**Periodic Tales: The Curious Lives of the Elements** - Hugh Aldersey-Williams ISBN: 0141041455 This book covers the chemical elements, where they come from and how they are used. There are loads of fascinating insights into uses for chemicals you would have never even thought about. |
| **COMPLETE****A hand holding a pen  Description automatically generated** | See additional documents: **Chemistry Transition Questions.** |
| **WATCH/LISTEN****A picture containing graphics, clipart, symbol, logo  Description automatically generated** | **Periodic Videos:** A video for every element of the periodic table, lots of other exciting experiments you always wanted to try and Martyn Poliakoff explaining it all!  |