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| **Subject: Year 9 Chemistry** |
| Topics you should revise |
| * Atoms, Elements and Compounds * States of matter s,l,g,aq * Mixtures / Purity * Formulations * Testing for gases (hydrogen, oxygen, carbon dioxide and chlorine) * Measuring Rates * Collision Theory (how surface area, temperature & concentration affect rates) * Reactivity Series * Making a Salts from Metal oxide * Exo/endo reactions & uses * History of the atom |
| **Useful revision resources:**   * Knowledge organisers * Exercise book and resources from class * Websites: BBC Bitesize - see above, there are also good YouTube videos on most topics now * [www.kerboodle.com](http://www.kerboodle.com) (Log in should be provided by class teacher) - the class textbooks are available on this site * Seneca Learning [Seneca Learning](https://senecalearning.com/en-GB/) |
| **Revision Tips**   * **Create something new:** Just sitting and re-reading your notes isn’t revision! Make something new - a knowledge organiser, a concept map, flashcards, a quiz… anything that makes you work with the knowledge actively. * **Don’t forget to practise:** Practising written responses is important to get comfortable with extended pieces of writing. Use the past papers from the exam boards <https://cognitoresources.org/resources/ks3/science> and example questions provided by your class teacher. * **Not feeling motivated? Revise little and often:** If you struggle to revise for extended periods of time, try to revise for a few minutes each day instead. You could use quotation banks or flashcards to test yourself on key quotes and writing WHAT HOW WHY paragraphs. |