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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
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| **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/)
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| **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.
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