**Year 11 Science TERM 2: Lessons Outline for Combined Science Pupils**

* Pupils have 6 lessons of science a week –they will have 2 lessons of biology, 2 lessons of Chemistry and 2 lessons of physics
* Pupils have access to the **Kerboodle** on-line textbooks for all their science subject areas.
* If absent, pupils should go to the appropriate lesson on Kerboodle where the there is a guided presentation. Any worksheets can also be accessed there. They should read the appropriate pages, make suitable notes on the key learning and then answer the in text questions in full sentences in their books. They can also so any worksheets as directed
* **Homework** will be predominantly set on EDUCAKE – an online assessment programme. Pupils have their own log in and homework should appear automatically.

**IMPORTANT NOTICE:**

* **Please contact your own science teacher directly via your school email for information on the actual lessons you are missing. They will then direct you to the pages you need to work through and send you any sheets etc. Some lessons will be taught over a double lesson.**
* **If you are unable to do this then simply check the last piece of work you did and go to the next lesson listed below. All the lesson names are the titles on the pages in the textbook.**

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| **Term 2** | **Biology Work set** | **Chemistry Work Set** | **Physics Work set** |
|  | **B13 Reproduction (Pages 196-215)**  B13.1 Types pf reproduction  B13.2 Cell division in sexual reproduction  B13.4 DNA and genome  B13.7 Inheritance in action  B13.8 More about genes  B13.9 inherited disorders  B13.10 Screening for genetic disorders  Revision of unit  B13 assessment  **B14 Variation and evolution**  **(Pages 218-233)**  B14.1 Variation  B14.2 Evolution by Natural Selection  B14.3 Selective Breeding  B14.4 Genetic Engineering  B14.7 Ethics of genetic technologies  Revision of unit  B14 assessment | **Revision for C9 Crude oil**  **C9 Assessment**  **C12 Chemical Analysis (pages 180-185)**  C12.1 Pure substances and mixtures  C12.2 Analysing chromatograms  C12.3 Gas tests  Revision  C12 Assessment  **C13 The Earth’s Atmosphere (pages 194-205)**  C13.1 The history of our atmosphere  C13.2 Our evolving atmosphere  C13.3 Greenhous gases  C13.4 Global climate change  C13.5 Atmospheric pollutants | **Chapter P10 Force and Motion**  **(Pages 144-161)**  P10.1 Force and Acceleration  P10.2 Weight and terminal velocity  P10.3 Force and braking  P10.4 Momentum  P10.8 Forces and Elasticity  Revision of this unit  P10 End of unit Assessment  **P12 Wave Properties (Pages 174-189)**  P12.1 The nature of waves  P12.2 The properties of waves  P12.3 Reflection and refraction  P12.4 More about waves  Revision of unit  P12 assessment  **P13 Electromagnetic Waves (pages 190-195)**  P13.1 The electromagnetic Spectrum  P13.2 Light, IR , radio and microwaves  P13.3 Communications |

**Reminder :**

**KS4 Textbook access AQA GCSE Science textbooks – via Kerboodle**

Go to Kerboodle <https://www.kerboodle.com/users/login?user_return_to=%2Fapp>

* Username is your school login eg **16jsmith**
* Password is either the same as your username or whatever you have reset it to
* Institution code: **ycw7**

Make sure you logout when finished using. If you struggle to get on via Chrome use internet explorer or Microsoft Edge

**Educake**

Go to [www.educake.co.uk](http://www.educake.co.uk)

* Username first name and then first initial then a four digit number eg **johns0123**
* Pupils can reset their password at any time using a link back to their school email by clicking on the ‘trouble logging in – click here for help’ link on the bottom of the login box in blue