**Year 10 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 intext 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. The next units may also be started – check with your teacher towards the end of term.**

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| **Term 1** | **Biology Work set** | **Chemistry Work Set** | **Physics Work set** |
|  | **Chapter B4 Organising animals & plants**  **Pages 36-51**  B4.1 The Blood  B4.2 The blood vessels  B4.3 The heart  B4.4 Helping the heart  B4.5 Breathi8ng and gas exchange  B4.6 Tissues and organs in plants  B4.7 Transport systems in plants  B4.8 Evaporation and transpiration  B4.9 Factors affecting transpiration | **Chapter C4 Chemical Calculations**  **Pages 62-72**  C4.1 Relative atomic masses and moles  C4.2 Equations and calculations  C4.3 From Masses to balanced equations  C4.5 Atom Economy  C4.6 Expressing concentrations  Revision of unit  C4 End of unit Assessment  **Chapter C5 Chemical Changes**  **Pages 84-104**  C5.1 The reactivity series  C5.2 Displacement reactions  C5.3 Extracting metals  *Note some of this chapter may need to be moved to after Christmas* | **Chapter P2 Energy transfers by heating**  **Pages 24-35**  P2.1 Energy transfer by conduction  P2.4 Specific Heat capacity  P2.5 Heating and insulating buildings  P2 end of unit assessment  **P3 Energy Resources**  **Pages 24-35**  P3.1 Energy Demands  P3.2 Energy from wind and water  P3.3 Power from the sun and the Earth  P3.4 Energy and the environment  P3.5 Big Energy Issues |

**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