**Year 10 Science TERM 2: Lessons Outline for Combined Science Pupils**

* Pupils have 6 lessons of science a week – this term they will have 3 lessons of biology and 3 lessons of Chemistry
* 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 there should be a PowerPoint for the lesson as well as 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 do 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 in your exercise book 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** | Kerboodle  AQA Biology textbook page | **Chemistry Work Set** | Kerboodle  AQA Chemistry textbook page |
|  | **Chapter B2 Cell Division**  Finishing off B2  B2.3 Stem Cells.  B2.4 Stem Cell Dilemmas.  Revision/Mind-map B2  B2 End of unit Assessment  **Chapter B3 Organisation and Digestive System**  B3.1 Tissues and Organs  B3.2 The Human Digestive system  B3.3 The Chemistry of food  B3.4 Catalysts and enzymes  B3.5 Factors affecting enzyme action  B3.6 How the digestive system works  B3.7 Making digestion efficient  Revision of unit  B3 End of unit assessment  **B4 Organising animals and plants**  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  *Note some of this chapter may need to be moved to after Christmas* | **Pages 26-35**  **Pages 36-51**  **Page 51-71** | **Chapter C3 Structure and Bonding**  Finishing off C3  C3.6 Structure of simple Molecules  C3.7 Giant Covalent structure  C3.8 Fullerenes and graphene  C3.9 Bonding in metals  C3.10 Giant Metallic Structures  Revision lesson for C3 unit  C2 End of unit Assessment  **Chapter C4 Chemical Calculations**  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  **C5 Chemical Changes**  C5.1 The reactivity series  C5.2 Displacement reactions  C5.3 Extracting metals  C5.4 Salts form metals  C5.5 Salts from insoluble bases  C5.6 Making more Salts  C5.7 Neutralisation and pH scale  C5.8 strong and weak acids  Revision of unit  C4 End of unit Assessment  *Note some of this chapter may need to be moved to after Christmas* | **Pages 36-61**  **Pages 62-72**  **Page 84-104** |

**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