**Year 10 Science TERM 3: Lessons Outline for Combined Science Pupils**

**Home learning Instructions:**

* Pupils have 6 lessons of science a week – this term they will have 3 lessons of biology and 3 lessons of Chemistry again
* Pupils have access to the **Kerboodle** on-line textbooks for all their science subject areas.
* If absent, pupils should:
1. Go to the appropriate lesson on Kerboodle where there is a guided presentation.
2. Any worksheets required can also be accessed there.

3) As a minimum 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 should also complete 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.

**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 3**  | **Biology Work set**  | Kerboodle AQA Biology textbook page  | **Chemistry Work Set**  | Kerboodle AQA Chemistry textbook page  |
|  | Some groups are finishing the B4 unit as below**B4 Organising animals and plants** B4.1 The BloodB4.2 The blood vesselsB4.3 The heartB4.4 Helping the heart B4.5 Breathi8ng and gas exchangeB4.6 Tissues and organs in plants B4.7 Transport systems in plants B4.8 Evaporation and transpirationB4.9 Factors affecting transpiration B4 End of unit assessmentThey will then go onto: **B5 Communicable diseases** B5.1 Health and DiseaseB5.2 Pathogens and diseaseB5.5 Preventing infectionsB5.6 Viral DiseasesB5.7 Bacterial diseasesB5.8 Diseases caused by fungi and protistsB5.9 Human defence responses B5 End of unit assessment | **Page 51-71****Pages 74-97** | Some groups are finishing the C5 unit as below**C5 Chemical Changes** C5.1 The reactivity seriesC5.2 Displacement reactionsC5.3 Extracting metalsC5.4 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 They will then go onto: **C6 Electrolysis** C6.1 Introduction to electrolysisC6.2 Changes at the electrodesC6.3 The Extraction of AluminiumC6.4 Electrolysis of aqueous solutionsC6 End of unit Assessment **C7 Energy changes** C7.1 Exothermic and Endothermic reactionsC7.2 Using energy transfers from reactionsC7.3 Reaction profilesC7.4 Bond Energy CalculationsC7 End of unit Assessment  | **Page 84-104****Pages 102-111****Pages 112-125** |

**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