**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.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 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  B4 End of unit assessment  They will then go onto:  **B5 Communicable diseases**  B5.1 Health and Disease  B5.2 Pathogens and disease  B5.5 Preventing infections  B5.6 Viral Diseases  B5.7 Bacterial diseases  B5.8 Diseases caused by fungi and protists  B5.9 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 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  They will then go onto:  **C6 Electrolysis**  C6.1 Introduction to electrolysis  C6.2 Changes at the electrodes  C6.3 The Extraction of Aluminium  C6.4 Electrolysis of aqueous solutions  C6 End of unit Assessment  **C7 Energy changes**  C7.1 Exothermic and Endothermic reactions  C7.2 Using energy transfers from reactions  C7.3 Reaction profiles  C7.4 Bond Energy Calculations  C7 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