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

**Home learning Instructions:**

* Pupils have 9 lessons of science a week –they will have 3 lessons of biology, 3 lessons of Chemistry and 3 lessons of physics
* 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** | **Chemistry Work Set** | **Physics Work set** |
|  | **Continuing B4 unit:**  **B4 Organising animals and plants (pages 52-71)**  B4.1 The Blood  B4.2 The blood vessels  B4.3 The heart  B4.4 Helping the heart  B4.5 Breathing 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  **B5 Communicable diseases**  **(pages 74-97)**  B5.1 Health and Disease  B5.2 Pathogens and disease  B5.3 Growing Bacteria in the lab  B5.4 Preventing bacterial growth  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  B5.10 More about plant diseases  B5.11 Plant defence responses  B5 End of unit assessment  Some of this chapter may be moved to next term depending on any impacts to lessons | **Finishing C4 (pages 62-81)**  Picking up from ….  C4.7 Titrations  C4.8 Titrations Calculations  C4.9 Volumes of gases  C4 End of unit Assessment  **C5 Chemical Changes (pages 84-101)**  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  C5 End of unit Assessment  We may start C6 depending on any impacts to lessons at the end of term etc. | **Continuing with P4 unit**  **P4 Electric Circuits (pages 50-63)**  P4.1 Electrical charges and fields  P4.2 Current and charge  P4.3 Potential difference and resistance  P4.4 Component characteristics  P4.5 Series circuits  P4.6 Parallel circuits  P4 End of unit assessment  **P5 Electricity in the home (pages 64-75)**  P5.1 Alternating current  P5.2 Cables and Plugs  P5.3 Electrical Power and potential Difference  P5.4 Electrical currents and energy transfers  P5.5 Appliances and efficiency  P5 End of unit assessment  We may start P6 depending on any impacts to lessons at the end of term etc. |

**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