**Year 10 Science TERM 5: 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 5** | **Biology Work set**  | **Chemistry Work Set**  | **Physics Work set**  |
|  | **You will have the Year 10 End of year exam w/c 19th June** **Teaching will continue with:** **B8 Photosynthesis (pages 112-123)**B8.1 PhotosynthesisB8.2 The rate of photosynthesisB8.3 How plants use glucoseB8.4 Making the most of photosynthesisB8 End of unit assessment**B9 Respiration (pages 134-143)**B9.1 Aerobic respirationB9.2 The response to exerciseB9.3 Anaerobic respirationB9.4 Metabolism and the liver B9 End of unit assessment We will then start the paper 2 units **B10 The human Nervous system**  | **You will have the Year 10 End of year exam w/c 19th June** **Teaching will continue with:** **C7 Energy Changes (pages 112-125)**C7.1 Exothermic and Endo thermic reactions C7.2 Using energy transfers in reactions C7.3 Reaction profiles C7.4 Bond energy calculations C7.5 Chemical cells and batteries C7.6 Fuel cells C7 End of unit assessmentWe will then do some revision for your end of year exam and then start the paper 2 units **C8 Rates of Reactions**  | **You will have the Year 10 End of year exam w/c 19th June** **Finishing P7 unit** **P7 Radioactivity** P7.1 Atoms and radiationP7.2 The discovery of the nucleusP7.3 Changes in the nucleusP7.4 More about alpha, bets and gammaP7.5 Activity and half lifeP7.6 Nuclear radiation in medicineP7.7 Nuclear FissionP7.8 Nuclear fusionsP7.9 Nuclear issues **You will then do a full Paper 1 mock paper once both groups have finished the P7 unit.** We will then start the paper 2 units **P8 Forces in Balance**  |

**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