**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 on the first week of May this term**  **Teaching will continue with :**  **B8 Photosynthesis (pages 112-123)**  B8.1 Photosynthesis  B8.2 The rate of photosynthesis  B8.3 How plants use glucose  B8.4 Making the most of photosynthesis  B8 End of unit assessment  **B9 Respiration (pages 134-143)**  B9.1 Aerobic respiration  B9.2 The response to exercise  B9.3 Anaerobic respiration  B9.4 Metabolism and the liver  B9 End of unit assessment  **On-line ‘Oak Academy’ lessons on these units can be found here:**  <https://classroom.thenational.academy/units/bioenergetics-244e>  We will then start the paper 2 units  **B10 The human Nervous system** | **You will have the Year 10 End of year exam on the first week of May this term**  **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 Bon energy calculations  C7.5 Chemical cells and batteries  C7.6 Fuel cells  C7 End of unit assessment  **On-line ‘Oak Academy’ lessons on this unit can be found here:**  <https://classroom.thenational.academy/units/energy-changes-b607>  We will then start the paper 2 units  **C8 Rates of Reactions** | **Finishing P7 unit**  **P7 Radioactivity**  P7.1 Atoms and radiation  P7.2 The discovery of the nucleus  P7.3 Changes in the nucleus  P7.4 More about alpha, bets and gamma  P7.5 Activity and half life  P7.6 Nuclear radiation in medicine  P7.7 Nuclear Fission  P7.8 Nuclear fusions  P7.9 Nuclear issues  **You will then do a full Paper 1 mock paper once both groups have finished the P7 unit.**  **On-line ‘Oak Academy’ lessons on this unit can be found here:**  <https://classroom.thenational.academy/units/atomic-structure-d811>  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