**Year 10 Science TERM 5: Lessons Outline for Combined Science Pupils**

**Home learning Instructions:**

* Pupils have 6 lessons of science a week – this term they will finish the biology and be taught the physics unit, split between their two teachers.
* 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 to complete** | Kerboodle  AQA Biology textbook page | **Physics Work Set** | Kerboodle  AQA Physics textbook page |
|  | **B9 Respiration**  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-ht-8819**](https://classroom.thenational.academy/units/bioenergetics-ht-8819) | **Biology TEXTBOOK**  **Pages**  **134-143** | **P3 Energy Resources**  P3.1 Energy Demands  P3.2 Energy from wind and water  P3.3 Power from the sun and the Earth  P3.4 Energy and the environment  P3.5 Big Energy Issues  **On-line ‘Oak Academy’ lessons on these units can be found here:**  [**https://classroom.thenational.academy/lessons/non-renewable-energy-resources-6rupcd**](https://classroom.thenational.academy/lessons/non-renewable-energy-resources-6rupcd)  [**https://classroom.thenational.academy/lessons/renewable-energy-resources-ccu6cr**](https://classroom.thenational.academy/lessons/renewable-energy-resources-ccu6cr) | **PHYSICS TEXBOOK**  **Pages 24-35** |
| **Year 10 End of Year exams – first week in May –**  **Pupils to sit a Combined Science Biology Paper 1 and a Combined Science Chemistry Paper 1**  **Papers are 1hr 15 mins long**  **Biology Paper 1 covers topics B1-B8 Chemistry Paper 1 covers topics C1-C7** | | | | |
|  | **Continue with Physics units teaching** | Kerboodle  AQA Physics textbook page | **Continue with Physics units teaching** | Kerboodle  AQA Physics textbook page |
|  | **P6 Molecules and Matter**  P6.1 Density  P6.2 States of matter  P6.3 Changes od state  P6.4 Internal Energy  P6.5 Specific latent heat  P6.6 Gas pressure and temperature  **On-line ‘Oak Academy’ lessons on these units can be found here:**  [**https://classroom.thenational.academy/units/particle-model-of-matter-ht-c0e1**](https://classroom.thenational.academy/units/particle-model-of-matter-ht-c0e1) | **Pages 76-91** | **P4 Electrical Circuits**  P4.2 Current and charge  P4.3 Potential Difference and resistance  P4.4 Component characteristics  P4.5 Series circuits  P4.6 Parallel circuits  **On-line ‘Oak Academy’ lessons on these units can be found here:**  [**https://classroom.thenational.academy/units/electricity-ht-761e**](https://classroom.thenational.academy/units/electricity-ht-761e) | **Pages 50-63** |

**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