**Year 11 Science TERM 4: Lessons Outline for Combined Science Pupils**

**Home learning Instructions:**

* Pupils have 6 lessons of science a week – this term they will finish the biology with one teacher and then start all the physics for paper 2
* 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 4** | **With teacher 1 (Biology side)** | Kerboodle  AQA textbook page | With teacher 2 (Chemistry side teacher)  Started paper 2 PHYSICS | Kerboodle  AQA PHYSICS textbook page |
|  | **Finishing off B17 from last term if needed then ...**  **B17 Organising an Ecosystem**  B17.1 Feeding relationships  B17.2 Materials cycling  B17.3 the Carbon Cycle  B17 End of unit assessment  **B18 Diversity and Ecosystems**  B18.1 The human population explosion  B18.2 Land and water pollution  B18.3 Aire pollution  B18.4 Deforestation and peat destruction  B14.5 Global warming  B14.7 Maintaining biodiversity  B18 End of unit assessment  **On-line ‘Oak Academy’ lessons on these units can be found here:**  **FOUNDATION TIER LINK**  <https://classroom.thenational.academy/units/ecology-ft-0a93>  **HIGHER TIER LINK**  <https://classroom.thenational.academy/units/ecology-ht-bdf3>  **Then you will be going on to look at the Physics WAVES units P12 and P13**  **P12 Wave Properties**  P12.1 The nature of waves  P12.2 The properties of waves  P12.3 Reflection and refraction  P12.4 More about waves  P12 assessment | Pages  276-285  Pages  286-298  **Physics textbook**  **Pages 174-180** | **Finishing off P8 from last term if needed hen ...**  P8.6 Centre of mass  P8.8 The parallelogram of forces  P8.9 Resolution of forces  P8 end of unit assessment  **P9 Motion**  P9.1 Speed-distance and time graphs  P9.2 Velocity and acceleration  P9.3 More about velocity time graphs  P9.4 analysing motion graphs  P9 end of unit assessment  **P10 Forces and Motion**  P10.1 Force and Acceleration  P10.2 Weight and terminal Velocity  P10.3 Forces and braking  P10.4 Momentum  P10.8 Forces and elasticity  P10 end of unit assessment  **On-line ‘Oak Academy’ lessons on all these units can be found here:**  **FOUNDATION TIER LINK**  <https://classroom.thenational.academy/units/forces-ft-9dee>  **HIGHER TIER LINK**  <https://classroom.thenational.academy/units/forces-ht-573f>  If time will also move onto P15 | Pages  114-133  *(but not all pages combined)*  Pages  134-143  Pages  144- 161  *(but not all pages are combined )* |

**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