**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 relationshipsB17.2 Materials cyclingB17.3 the Carbon Cycle B17 End of unit assessment **B18 Diversity and Ecosystems** B18.1 The human population explosionB18.2 Land and water pollutionB18.3 Aire pollutionB18.4 Deforestation and peat destructionB14.5 Global warmingB14.7 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 276-285Pages286-298**Physics textbook** **Pages 174-180** | **Finishing off P8 from last term if needed hen ...**P8.6 Centre of massP8.8 The parallelogram of forcesP8.9 Resolution of forces P8 end of unit assessment **P9 Motion** P9.1 Speed-distance and time graphsP9.2 Velocity and accelerationP9.3 More about velocity time graphs P9.4 analysing motion graphs P9 end of unit assessment **P10 Forces and Motion**P10.1 Force and AccelerationP10.2 Weight and terminal Velocity P10.3 Forces and braking P10.4 MomentumP10.8 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  | Pages114-133*(but not all pages combined)*Pages 134-143Pages 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