**Year 11 Science TERM 4: 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 4**  | **Biology Work set**  | **Chemistry Work Set**  | **Physics Work set**  |
|  | **Please check with teacher as two separate groups are at different places** Finishing B15 work then full review of B16, B17 , B18 and extra triple only units following work originally done in Year 9.Please contact your teacher directly for information on the work done for these units. | C13 – finishing and reviewing the chapterC13 end of unit assessment **C14 The Earth’s Resources** C14.1 Finite and renewable resourcesC14.2 Water safe to drinkC14.3 Treating waste waterC14.4 Extracting metals from oresC14.5 Life cycle assessmentsC14.6 Reduce reuse and recycle**C15 Using our resources**C15.1 RustingC15.2 Useful alloys C15.3 The properties of polymersC15.4 Glass Ceramics and compositesC15.5 Making Ammonia – the Haber ProcessC15.6 The economics of the Haber Process C15.7 Making Fertilisers in the labC15.8 Making fertiliser in industry Some of these units will carry over to the start of term 5. | **Please check with teacher as two separate groups are at different places** **P15 Electromagnetism** P15.1 Magnetic Fields P15.2 magnetic Fields of electric currentsP15.3 Electromagnetic devicesP15.4 The motor effect P15.5 The generator effect P15.6 The alternating current generatorP15.7 Transformers P15.8 Transformers in action End of unit assessment **P16 Space** P16.1 Formation of the Solar System P16.2 The life history of a starP16.3 Planets, satellites and orbitsP16.4 The expanding universeP16.5 The beginning and the future of the universeEnd of unit assessment  |

**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