**Year 11 Science TERM 2: Lessons Outline for Triple Science Pupils**

* 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 go to the appropriate lesson on Kerboodle where the there is a guided presentation. Any worksheets can also be accessed there. 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 can also so 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.

**IMPORTANT NOTICE:**

* **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 2**  | **Biology Work set**  | **Chemistry Work Set**  | **Physics Work set**  |
|  | **B13 Reproduction***Finish this unit off first* B13.6 Gene Expression and mutationB13.7 Inheritance in actionB13.8 More about genesB13.9 inherited disordersB13.10 Screening for genetic disordersRevision of unit B13 assessment **B14 Variation and evolution** **(Pages 218-233)**B14.1 VariationB14.2 Evolution by Natural SelectionB14.3 Selective BreedingB14.4 Genetic EngineeringB14.5 Cloning B14.6 Adult Cell CloningB14.7 Ethics of genetic technologiesRevision of unit B14 assessment | **C10 Organic reactions (Pages 158-167)** Revision of unit C10 assessment **C11 Polymers (Pages 180-193)**C11.1 Addition Polymerisation C11.2 Condensation polymerC11.3 Natural Polymers C11.4 DNA Revision of unit C11 Assessment **C12 Chemical Analysis** **(Pages 180-193)**C12.1 Pure substances and mixturesC12.2 Analysing chromatogramsC12.3 Testing for gasesC12.4 Tests for positive ionsC12.5 Tests for negative ionsC12.6 Instrumental Analysis Revision of unit C12 assessment  | **Chapter P10 Force and Motion** **(Pages 144-161)**P10.1 Force and Acceleration P10.2 Weight and terminal velocity P10.3 Force and braking P10.4 Momentum P10.5 Using conservation of momentumP10.6 Impact forcesP10.7 Safety first P10.8 Forces and Elasticity Revision of this unit P10 End of unit Assessment **P11 Pressure and Force (Pages 162-171)**P11.1 Pressure and surfacesP11.2 Pressure in a liquid at restP11.3 Atmospheric pressureP11.4 Up thrust and flotationRevision of unit P11 Assessment **P12 Wave Properties (Pages 174-189)**P12.1 The nature of waves P12.2 The properties of waves P12.3 Reflection and refraction Some of this may be pushed into next term P12.4 More about waves P12.5 Sound waves P12.6 The uses of ultra sound P12.7 Seismic waves Revision of unit P12 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