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

* Pupils have 6 lessons of science a week – this term they will have 3 lessons of biology and 3 lessons of Chemistry
* 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 there should be a PowerPoint for the lesson as well as 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 intext questions in full sentences in their books. They can also do 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 in your exercise book 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** | **With teacher 1 (Biology side)** | Kerboodle  textbook page | With teacher 2 (Chemistry side) | Kerboodle  textbook page |
|  | **REMEMBER YOU HAVE PAPER 1 MOCKS IN EARLY DECEMBER.**  **You will sit 3 papers one each for Biology, Chemistry and Physics - same length and style as the end of year 10 exams. There will be very little time to revise in lessons as we are continuing to teach you the work for Paper 2s so cannot afford the time for extra revision.**  **Your teachers will make the focus of homework be on the Paper 1 content for most of the term.** | | |  |
|  | **B13 Reproduction**  *Finish this unit off first*  B13.6 Gene Expression and mutation  B13.7 Inheritance in action  B13.8 More about genes  B13.9 inherited disorders  B13.10 Screening for genetic disorders  Revision of unit  B13 assessment  **B14 Variation and evolution**  B14.1 Variation  B14.2 Evolution by Natural Selection  B14.3 Selective Breeding  B14.4 Genetic Engineering  B14.7 Ethics of genetic technologies  Revision of unit  B14 assessment  **B15 Genetics and Evolution**  B15.5 Evidence of Evolution  B15.6 Fossils and Extinction  B15.7 More about Extinction  B15.8 Antibiotic Resistant bacteria  B15.9 Classification  B15.10 New Systems of classification  End of unit assessment | Pages 218/233  Pages 240-255 | **Finishing off C9 first …**  **C9 Crude Oil**  End of Unit Assessment  **C12 Chemical Analysis**  C12.1 Pure substances and mixtures  C12.2 Analysing chromatograms  C12.3 Testing for gases  C12 assessment  **C13 The Earth’s Atmosphere**  C13.1 History of our atmosphere  C13.2 Our evolving atmosphere  C13.3 Greenhouse gases  C13.4 Global climate change  C13.5 Atmospheric pollutants  End of Unit Assessment  We may also start C14 but will not get it completed  **C14 The Earth’s Resources**  C14.1 History of our atmosphere  C14.2 Water safe to drink  C14.3 Treating waste water  C14.4 Extracting metals from ores  C14.5 Life Cycle Assessments  C14.6 Reduce reuse and recycle  End if unit assessment | Pages  148-157  Pages 180-184  Pages 206-219 |

**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