**Year 11 Science TERM 1: 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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| --- | --- | --- | --- | --- |
|  **Week Beginning**  | **With teacher 1 (Biology side)**  | Kerboodle AQA textbook page  | With teacher 2 (Chemistry side)  | Kerboodle AQA textbook page  |
| First 3 weeks  | You will be finishing off any of the Physics units from Year 10 and then revising.**Mock physics paper 1 on Friday 23rd September**  |  | You will be finishing off any of the Physics units from Year 10 and then revising .**Mock physics paper 1 on Friday 23rd September** |  |
| Rest of the term  | **Chapter B10 The Human Nervous System** Lesson 1: B10.1 Principles of Homeostasis Lesson 2: B10.2 The Structure and function of the human nervous system Lesson 3: B10.3 Reflex actions Lesson 4: Revision of unitLesson 5: End of unit Assessment **Chapter B11 Hormonal coordination** Lesson 1 B11.1 The principles of hormonal control Lesson 2: B11.2 The control of blood glucose levels Lesson 3: B11.3 Treating Diabetes Lesson 4: B11.4 The role of negative feedbackLesson 5: B11.5 Human Reproduction Lesson 6: B11.6 Hormones and the menstrual cycle Lesson 7: B11.7 The artificial control of fertility Lesson 8: B11.8 Infertility Treatments Lesson 9: B11 Revision and reviewLesson 10: B11 End of unit assessment  | Pages 146-151 Pages 160-174 | **Chapter C8 Rates of Reaction** Lesson 1 : C8.1 Rates of reaction Lesson 2: C8.2 Collision Theory and surface area Lesson 3: C8.3 The effect of temperature Lesson 4 : C8.4 The effect of concentration and pressure Lesson 5: C8.5 The effect of a catalystLesson 6: C8.6 Reversible reactions Lesson 7: C8.7 Energy and reversible reactions Lesson 8: C8.8 Dynamic Equilibrium Lesson 9: C8.9 (Higher tier only) Altering Conditions Lesson 10: C8 Revision lesson Lesson 11: End of Unit Assessment **Chapter C9 Crude Oil** Lesson 1: C9.1 Hydrocarbons Lesson 2: C9.2 Fractional Distillation of Crude Oil Lesson 3: C9.3 Burning Hydrocarbon Fuels Lesson 4: C9.4 Cracking Hydrocarbons Lesson 5: C9 Revision Lesson 6: End of Unit Assessment  | Pages128-147Pages 148-157 |

**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