**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 unit  Lesson 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 feedback  Lesson 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 review  Lesson 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 catalyst  Lesson 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 | Pages  128-147  Pages  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