**Year 10 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 intext 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.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Term 2** | **Biology Work set** | **Chemistry Work Set** | **Physics Work set** |
|  | **B4 Organising animals and plants**  B4.1 The Blood  B4.2 The blood vessels  B4.3 The heart  B4.4 Helping the heart  B4.5 Breathing and gas exchange  B4.6 Tissues and organs in plants  B4.7 Transport system in plants  B4.8 Evaporation and transpiration  B4.9 Factors affecting transpiration.  Revision of unit  End of unit assessment  The next unit may be started before the Christmas break  **B5 Communicable diseases**  **(pages 74-97)**  B5.4 Preventing bacterial growth  B5.5 Preventing infections  B5.6 Viral Diseases  B5.7 Bacterial diseases | **Continuing C4 Chemical Calculations (pages 62-81)**  C4.3 From Masses to balanced equations  C4.4 The yield of chemical reactions  C4.5 Atom Economy  C4.6 Expressing concentrations  C4.7 Titrations  C4.8 Titrations Calculations  C4.9 Volumes of gases  End of unit revision  C4 End of unit Assessment  The next unit may be started before the Christmas break  **C5 Chemical Changes (pages 84-101)**  C5.1 The reactivity series  C5.2 Displacement reactions  C5.3 Extracting metals | **P3 Energy Resources (pages 36-47)**  Recap of work done at end of year 9  **P4 Electric Circuits (pages 50-63)**  P4.1 Electrical charges and fields  P4.2 Current and charge  P4.3 Potential difference and resistance  P4.4 Component characteristics  P4.5 Series circuits  P4.6 Parallel circuits  End of unit Revision  End of unit assessment  The next unit may be started before the Christmas break  **P5 Electricity in the home (pages 64-75)**  P5.1 Alternating current  P5.2Cables and plugs  P5.3 Electrical power and potential difference |

**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