**Year 11 Science TERM 3: Lessons Outline for Combined Science Pupils**

**Home learning Instructions:**

* 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:
1. Go to the appropriate lesson on Kerboodle where there is a guided presentation.
2. Any worksheets required can also be accessed there.

3) As a minimum 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 should also complete 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.

**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 3**  | **With teacher 1 (Biology side)**  | Kerboodle AQA textbook page  | With teacher 2 (Chemistry side)  | Kerboodle AQA textbook page  |
|  | **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 **B15 Genetics and Evolution** **(pages 240-255)**B15.5 Evidence of EvolutionB15.6 Fossils and ExtinctionB15.7 More about ExtinctionB15.8 Antibiotic Resistant bacteriaB15.9 ClassificationB15.10 New Systems of classificationEnd of unit assessment **B16 Adaptation, interdependence and competition** B16.1 The importance of communitiesB16.2 Organisms in their environment B16.3 Distribution and abundanceB16.4 Competition in animalsB16.5 Competition in plants B16.6 Adapt and surviveB16.7 Adaptation in animalsB16.8 Adaptation in plants B16 End of unit assessment **B17 Organising an Ecosystem**B17.1 Feeding relationships B17.2 Materials cyclingB17.3 The carbon Cycle | Pages 218-233Pages 234-255Pages 256-275Pages 276-280  | Some classes will be finishing off C12 but this is a very brief unit. **C13 The Earth’s Atmosphere** C13.1 History of the AtmosphereC13.2 The Evolving AtmosphereC13.3 The Greenhouse gases C13.4 Global Climate changeC13.5 Atmospheric Pollution Revision of unit End of Unit Assessment **C14 The Earth’s Resources** C14.1 History of our atmosphereC14.2 Water safe to drinkC14.3 Treating waste water C14.4 Extracting metals from oresC14.5 Life Cycle Assessments C14.6 Reduce reuse and recycle End if unit assessmentThe classes will then start Physics units for paper 2 with this teacher**P8 Forces in Balance**P8.1 Vectors and Scalars P8.2 Forces between objectsP8.3 Resultant forces P8.6 Centre of massP8.8 The parallelogram of forcesP8.9 Resolution of forces P8 end of unit assessment **P9 Motion** P9.1 Speed-distance and time graphsP9.2 Velocity and accelerationP9.3 More about velocity time graphs P9.4 analysing motion graphs P9 end of unit assessment  | Pages 194-205Pages 206-219 **PHYSICS TEXTBOOK** Pages114-130Pages 134 -143 |

**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