**Year 8 Science TERM 4: Lessons Outline**

**Home learning Instructions:**

* Pupils have 4 lessons of science a week. They may have more than one teacher so may be being taught units simultaneously, or may be finishing off a term 3 unit.
* Pupils have been given access to the **Exploring Science 8**  on-line textbook.
* If absent, pupils should:

1. Go to the appropriate page in the textbook

3) As a minimum they should read the pages, make suitable notes on the key learning and then answer the in text questions in full sentences in their books.

* For extension work pupils can also look at lessons on [BBC Bitesize](https://www.bbc.co.uk/bitesize/subjects/zng4d2p)  or [Oak Academy](https://classroom.thenational.academy/subjects-by-key-stage/key-stage-3/subjects/science)
* **Homework** will be predominantly set on EDUCAKE – an online assessment programme. Pupils have their own log in and homework should appear automatically.

**You can 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 they may send you sheets etc. They may also have added things to Show my Homework – so do check.**

**If you are unable to contact them, then simply check the last piece of work you did in your exercise book and go to the next lesson listed below, or the next page in the textbook. All the lesson names are the titles on the pages in the textbook.**

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| **Term 4** | **Units this term:**  Pupils will study **two** units but the order and sequence will depend on their own class timetables and the number of teachers they have. Some groups with multiple teachers may be finishing of units from last term – check with your teacher | Link to pages in on- line Exploring Science 8 textbook |
|  | **All the lesson names are the titles on the pages in the textbook.**  **8K Living in Extremes**  8Ka Temperature changes  8Kb Transferring energy  8Kc Controlling transfers  8Kd Power and Efficiency  8Ke Paying for energy  8Ke Keeping warm  Formal Assessment of the unit  **Extra options - Oak Academy on line lesson links for this unit:**  <https://classroom.thenational.academy/lessons/exothermic-and-endothermic-reactions-cgr38e>  <https://classroom.thenational.academy/lessons/efficiency-c8vp6t>  <https://classroom.thenational.academy/lessons/power-and-energy-chh6ar>  **8L Changing ideas**  8La Gathering the Evidence  8Lb Seasons  8Lc Magnetic Earth  8Ld Gravity in space  8Le Beyond the solar system  Formal Assessment of the unit  **Extra options - Oak Academy on line lesson links for this unit:**  <https://classroom.thenational.academy/lessons/seasons-c8uk0c>  <https://classroom.thenational.academy/lessons/gravity-ccu3gr>  <https://classroom.thenational.academy/lessons/universe-c5k36c>  <https://classroom.thenational.academy/lessons/case-study-of-maggie-aderin-pocock-6mt3jc> | Page 165-180  Pages 181-196 |

**Reminder:**

**KS3 access to Exploring Science textbook**

Go to : [www.pearsonactivelearn.com](http://www.pearsonactivelearn.com)

We recommend it is accessed via google CHROME, even if you have apple devices (avoid safari).

* Username is your IT login followed by **cks** no space For example: **20jsmithcks**
* Password is: **K1ngsh1ll**

**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