**Year 7 Science TERM 1 : Lessons Outline**

* Pupils have 4 lessons of science a week. They may have more than one teacher so may be being taught units simultaneously.
* Pupils have been given access to the **Exploring Science 7**  on-line textbook.
* 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.

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| **Term 1** | **Units this term:**  Pupils will study **three** units but the order and sequence will depend on their own class timetables and the number of teachers they have. | Link to pages in On- line Exploring Science 7 textbook |
|  | **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.**  **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.**  **Introduction to Science in the Laboratory**  Lesson 1: safety rules  Lesson 2: the Bunsen Burner  Lesson 3: Common laboratory equipment  Lesson 4: Observations  Lessons 5-8: Planning investigations  **Chapter 7A**  **Cells Tissues, organs and organ systems**  Lesson 1: 7Aa Life Processes  Lesson 2 7Ab Conventions in writing  Lesson 3: 7Ab Organs  Lesson 4: 7Ac Tissues  Lesson 5: 7Ac Microscopes  Lesson 6: 7Ad Cells  Lesson 7: 7Ae Organs Systems  Lesson 8: 7Ae Transplants  Lesson 9 Unit revision  Lesson 10 End of unit assessment  **Chapter 7C**  **Muscles and bones**  Lesson 1 : 7Ca Fitness  Lesson 2 : 7Ca Muscles and breathing  Lesson 3: 7Cb Muscles & Blood  Lesson 4: 7Cb What are scientific questions?  Lesson 5: 7Cc: The skeleton  Lesson 7: 7Cd Muscles and moving  Lesson 8: 7Ce Drugs  Lesson 9: 7Ce Drugs in Sport  Lesson 10: Revision lesson on the work this term  Lesson 11: End of unit assessment | This is an inhouse unit that is mostly designed to introduce pupils to working safely in the laboratory through experimental work.  Pages 7 -22  Pages 39-54 |

**How to access the Exploring Science textbook online**

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**

**How to access Educake** (the website we use for homework)

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