**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 equipmentLesson 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 writingLesson 3: 7Ab Organs Lesson 4: 7Ac Tissues Lesson 5: 7Ac MicroscopesLesson 6: 7Ad Cells Lesson 7: 7Ae Organs Systems Lesson 8: 7Ae TransplantsLesson 9 Unit revisionLesson 10 End of unit assessment**Chapter 7C** **Muscles and bones** Lesson 1 : 7Ca Fitness Lesson 2 : 7Ca Muscles and breathingLesson 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 -22Pages 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