**Walton High School Hub Curriculum** 

**Year 11 – Science Half term 5 (April 2025 – May 2025)**

How it works:

1. In the table, find the correct week by looking at the date in the first column.
2. Find today’s work – there are three links per double lesson so you won’t run out of work!
3. Choose a lesson – hold ctrl and click on the chosen link.

**If the link does not work, you do not recognise the work or the work is too difficult, try another lesson.**

1. Some lessons have links to PowerPoints and other resources beneath the video and/or Starter Quiz.
2. Complete any starter quizzes.
   1. Write your answer down
   2. Mark your answers and write down any corrections, using the videos.
3. Watch the videos and take notes.
4. Pause if/when instructed to do so to answer questions or respond.
5. When the lesson is complete, go onto the next one.

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| Week commencing | Day | Subject/Topic | Lesson 1 | Lesson 2 |
| 28/04/25 | Monday | **Biology** – Retrieval Practice | [Microscopy Lesson |](https://cognitoedu.org/coursesubtopic/b2-gcse-aqa-h-t_11.01) | [Enzymes & pH Lesson |](https://cognitoedu.org/coursesubtopic/b2-gcse-aqa-h-t_11.05) |
| Tuesday | [Osmosis Lesson |](https://cognitoedu.org/coursesubtopic/b2-gcse-aqa-h-t_11.03) | [Food Tests Lesson |](https://cognitoedu.org/coursesubtopic/b2-gcse-aqa-h-t_11.04) |
| Wednesday | [Photosynthesis Lesson |](https://cognitoedu.org/coursesubtopic/b2-gcse-aqa-h-t_11.07) | [Plant Responses Lesson |](https://cognitoedu.org/coursesubtopic/b2-gcse-aqa-h-t_11.09) |
| Thursday | [Field Investigations Lesson |](https://cognitoedu.org/coursesubtopic/b2-gcse-aqa-h-t_11.1) | [Reaction Time Lesson |](https://cognitoedu.org/coursesubtopic/b2-gcse-aqa-h-t_11.08) |
| Friday | [Decay Lesson |](https://cognitoedu.org/coursesubtopic/b2-gcse-aqa-h-t_11.11) | [Microbiology Lesson |](https://cognitoedu.org/coursesubtopic/b2-gcse-aqa-h-t_11.02) |
| 05/05/25 | Monday |  |  |  |
| Tuesday | **Chemistry** – Retrieval Practice | [Making Salts Lesson |](https://cognitoedu.org/coursesubtopic/c2-gcse-aqa-h-t_11.01) | [Neutralisation Lesson |](https://cognitoedu.org/coursesubtopic/c2-gcse-aqa-h-t_11.02) |
| Wednesday | [Electrolysis Lesson |](https://cognitoedu.org/coursesubtopic/c2-gcse-aqa-h-t_11.03) | [Temperature Changes Lesson |](https://cognitoedu.org/coursesubtopic/c2-gcse-aqa-h-t_11.04) |
| Thursday | [Rates of Reaction Lesson |](https://cognitoedu.org/coursesubtopic/c2-gcse-aqa-h-t_11.05) | [Chromatography Lesson |](https://cognitoedu.org/coursesubtopic/c2-gcse-aqa-h-t_11.06) |
| Friday | [Identifying Ions Lesson |](https://cognitoedu.org/coursesubtopic/c2-gcse-aqa-h-t_11.07) | [Water Purification Lesson |](https://cognitoedu.org/coursesubtopic/c2-gcse-aqa-h-t_11.08) |
| 12/05/25 | Monday | **Physics** – Retrieval Practice | [Specific Heat Capacity Lesson |](https://cognitoedu.org/coursesubtopic/p2-gcse-aqa-h-t_10.01) | [Thermal Insulators Lesson |](https://cognitoedu.org/coursesubtopic/p2-gcse-aqa-h-t_10.02) |
| Tuesday | [Resistance of a Wire Lesson |](https://cognitoedu.org/coursesubtopic/p2-gcse-aqa-h-t_10.03) | [I-V Characteristics Lesson |](https://cognitoedu.org/coursesubtopic/p2-gcse-aqa-h-t_10.04) |
| Wednesday | [Density Lesson |](https://cognitoedu.org/coursesubtopic/p2-gcse-aqa-h-t_10.05) | [Force & Extension Lesson |](https://cognitoedu.org/coursesubtopic/p2-gcse-aqa-h-t_10.06) |
| Thursday | [Acceleration Lesson |](https://cognitoedu.org/coursesubtopic/p2-gcse-aqa-h-t_10.07) | [Waves Lesson |](https://cognitoedu.org/coursesubtopic/p2-gcse-aqa-h-t_10.08) |
| Friday | [Light Lesson |](https://cognitoedu.org/coursesubtopic/p2-gcse-aqa-h-t_10.09) | [Radiation & Absorption Lesson |](https://cognitoedu.org/coursesubtopic/p2-gcse-aqa-h-t_10.18) |
| 19/05/25 | Monday | **Retrieval Practice** | [Circuits Introduction Lesson |](https://cognitoedu.org/coursesubtopic/p2-gcse-aqa-h-t_5.01) | [V=IR Equation & I-V Graphs Lesson |](https://cognitoedu.org/coursesubtopic/p2-gcse-aqa-h-t_5.02) |
| Tuesday | [Charge, Current & Time Lesson |](https://cognitoedu.org/coursesubtopic/p2-gcse-aqa-h-t_5.03) | [Communicable Disease 1 - Introduction Lesson |](https://cognitoedu.org/coursesubtopic/b2-gcse-aqa-h-t_5.02) |
| Wednesday | [Communicable Disease 2 - Viruses Lesson |](https://cognitoedu.org/coursesubtopic/b2-gcse-aqa-h-t_5.03) | [Communicable Disease 3 - Bacteria Lesson |](https://cognitoedu.org/coursesubtopic/b2-gcse-aqa-h-t_5.04) |
| Thursday | [Relative Formula Mass Lesson |](https://cognitoedu.org/coursesubtopic/c2-gcse-aqa-h-t_3.01) | [Moles & Mass Lesson |](https://cognitoedu.org/coursesubtopic/c2-gcse-aqa-h-t_3.03) |
| Friday | [Exothermic & Endothermic Reactions Lesson |](https://cognitoedu.org/coursesubtopic/c2-gcse-aqa-h-t_5.01) | [Rates of Reaction Lesson |](https://cognitoedu.org/coursesubtopic/c2-gcse-aqa-h-t_6.01) |