



## Year 10

### Combined Science: Areas for Development

#### Revision Resources

Combined Physics – 2023/2024	
1	Electricity – <a href="#">The National Grid</a> <a href="https://www.youtube.com/watch?v=VTAFjhO1HNo">https://www.youtube.com/watch?v=VTAFjhO1HNo</a>
2	Energy - <a href="#">Renewable Energy</a> <a href="https://www.bbc.co.uk/bitesize/guides/z8k9v9q/revision/3">https://www.bbc.co.uk/bitesize/guides/z8k9v9q/revision/3</a>
3	Atomic Structure – <a href="#">Half Life</a> <a href="https://www.youtube.com/watch?v=zXw2cOSBB8E">https://www.youtube.com/watch?v=zXw2cOSBB8E</a>
4	Particle Model - <a href="#">Gas Pressure</a> <a href="https://www.youtube.com/watch?v=9PwzPDJ7GYc">https://www.youtube.com/watch?v=9PwzPDJ7GYc</a>
Combined Chemistry – 2023/2024	
5	The atom and periodic table: <a href="#">The nuclear model</a> <a href="https://www.freesciencelessons.co.uk/gcse-chemistry-paper-1/atomic-structure-and-the-periodic-table/the-nuclear-model/">https://www.freesciencelessons.co.uk/gcse-chemistry-paper-1/atomic-structure-and-the-periodic-table/the-nuclear-model/</a>
6	Chemical change: <a href="#">Acids and alkali's</a> <a href="https://www.freesciencelessons.co.uk/gcse-chemistry-paper-1/chemical-changes/acids-and-alkalis/">https://www.freesciencelessons.co.uk/gcse-chemistry-paper-1/chemical-changes/acids-and-alkalis/</a>
7	Quantitative chemistry: <a href="#">Concentration of solutions</a> <a href="https://www.freesciencelessons.co.uk/gcse-chemistry-paper-1/quantitative-chemistry/concentration-of-solutions/">https://www.freesciencelessons.co.uk/gcse-chemistry-paper-1/quantitative-chemistry/concentration-of-solutions/</a>
Combined Biology – 2023/2024	
8	Bioenergetics: <a href="#">Explain the difference between inhaled and exhaled air</a> <a href="https://www.youtube.com/watch?v=O6y3XW8PhS4">https://www.youtube.com/watch?v=O6y3XW8PhS4</a>
9	Cell Biology: <a href="#">Using a microscope to calculate mean length of a cell</a> <a href="https://www.youtube.com/watch?v=SX6mow1AExI">https://www.youtube.com/watch?v=SX6mow1AExI</a>
10	Bioenergetics: <a href="#">Photosynthesis and respiration in plants</a> <a href="https://www.bbc.co.uk/bitesize/topics/zvrrd2p/articles/zjqfsk7">https://www.bbc.co.uk/bitesize/topics/zvrrd2p/articles/zjqfsk7</a>
11	Organisation: <a href="#">The heart/ Arteries, veins, and capillaries/ The blood</a> <a href="https://freesciencelessons.co.uk/gcse-biology-paper-1/organisation/">https://freesciencelessons.co.uk/gcse-biology-paper-1/organisation/</a>

Kindness, Integrity and Tenacity