**Year 10 Science After School Revision Timetable 2022 (3:10-4:00pm)**

**These session will be based around exam questions, unpicking how to answer them, and in doing so resolve any understanding issues.**

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| **Subject** | **Teacher/ Room** | **Weds 23/3/22** | **Weds 30/3/22** | **Weds 6/4/22** | **Weds 27/4/22** | **Weds 4/5/22** | **Weds 11/5/22** | **Weds 19/5/22** | **Weds 25/5/22** | **Weds 1/6/22** | **Weds 8/6/22** |
| **Biology** | **Miss Mountford S4** | **Cells and diffusion** | **Osmosis and active transport** | **Respiration and gas exchange** | **Inspiration and expiration** | **Digestion and Enzymes** | **Heart and double circulation** | **Photo-synthesis / practical investigation** | **Food chains and webs** | **Carbon and nitrogen cycles** | **Human impact of environment – eutrophication etc** |
| **Chemistry** | **Mr Robinson S6** | **Elements, compounds and mixtures** | **Formula mass, % mass / Chemical reactions** | **Working out simplest formula / Reacting masses HT** | **Atomic structure and Formula mass** | **% mass / Chemical reactions** | **Water – solubility and hard water investigation** | **Wegener and plate tectonics** | **Evolution of the atmosphere** | **Periodic Table/Group 1, 7, and 0** | **Factors affecting the rate of reaction** |
| **Physics** | **Mr Robinson S6** | **Series and parallel circuits** | **Current voltage relationships** | **Calculating resistance** | **Power and Density** | **National Grid/ Renewable and non-renewable enrgy** | **KwH calculations** | **Sankey diagrams and Energy Transfer** | **Conduction / Convection Payback time** | **Fuses, RCCB, MCB (circuit breakers)** | **Waves and Electromagnetic spectrum** |

**REALLY useful websites to support your revision and understanding:**

1. [**www.Tanio.cymru**](http://www.Tanio.cymru)

**This website, which you should be familiar with, will teach you each topic through a series of interactive PP. The knowledge organisers and past papers for each subject and tier are also there, as well as the mark schemes for those papers.**

1. [**https://www.bbc.co.uk/bitesize/topics/ztfhrwx**](https://www.bbc.co.uk/bitesize/topics/ztfhrwx)

**This is the link to the BBC Bitesize Biology for WJEC**

**(use in conjunction with the biology knowledge organiser pack to cross check you need the specific biology topic)**

1. [**https://www.bbc.co.uk/bitesize/topics/zhsbd6f**](https://www.bbc.co.uk/bitesize/topics/zhsbd6f)

**This is the link to the BBC Bitesize Chemistry for WJEC (you do not need limestone).**

1. [**https://www.bbc.co.uk/bitesize/topics/zw7n4qt**](https://www.bbc.co.uk/bitesize/topics/zw7n4qt)

**This is the link to the BBC Bitesize Physics for WJEC**

**(you do not need seismic waves, kinetic theory or electromagnetism).**

**Science Exam Dates**

Biology – Weds 15th June (am)

Chemistry – Friday 17th June (pm)

Physics – Monday 20th June (am)