**Year 11 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** | **Tues 22/3/22** | **Thurs 24/3/22**  | **Tues 29/3/22** | **Thurs 31/3/22** | **Tues 5/4/22** | **Thurs 7/4/22** | **Tues 26/4/22** | **Thurs** **28/4/22** | **Tues 3/5/22** | **Thurs 5/5/22** | **Tues 10/5/22** | **Thurs 12/5/22** |
| **Biology** | **Miss Mountford S4** | **Classification** | **Bio-diversity** | **Cell division – Mitosis and Meiosis** | **Stem cells** | **DNA structure and triplet code** | **Inheritance of alleles** | **Variation**  | **Evolution** | **Nervous system** | **Hormonal control / Regulation of glucose** | **Disease and immunity** | **Treating disease** |
| **Chemistry** | **Mr Robinson** **S6** | **Properties of metals, ionic compounds and simple covalent molecules** | **Ionic bonding** | **Simple covalent bonding** | **Giant covalent bonding** | **Nano-particles and smart materials** | **Making salts with acids** | **Titrations HT** | **Dis-placement reactions** | **Blast furnace – Extracting metals** | **Electrolysis of aluminium oxide** | **Bond energies** | **Fractional distillation, cracking, making polymers** |
| **Physics** | **Mr Cowlishaw S7** | **Distance velocity graphs / Calculating the area under the graph** |  | **Newton’s Laws and Terminal veolcity** |  | **Work done and Grav-itational potential energy calculations** |  | **Kinetic energy calculations****Life cycle of stars** |  | **Radiation – alpha, beta and gamma etc** |  | **Back-ground radiation and half life / Uses of radiation** |  |

**Mr Robinson’s and Miss Mountford’s revision sessions will run on a Tuesday and Thursday.**

**Mr Cowlishaw’s revision sessions will run on a Tuesday only.**

**It would be useful if you bring your own set of blank flash cards to each session.**

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| **Subject** | **Teacher/ Room** | **Tues 19/5/22** | **Thurs 24/5/22** | **Tues 26/5/22** | **Thurs 31/5/22** | **Tues 2/6/22** | **Thurs 7/6/22** |
|  **Biology** | **Miss Mountford S4** | **Past paper** | **Past paper analysis** | **Past paper** | **Past paper analysis** | **Review of key topics** | **Review of key topics/ Trouble shooting** |
|  **Chemistry** | **Mr Robinson S6** | **Past paper** | **Past paper analysis** | **Past paper** | **Past paper analysis** | **Review of key topics** | **Review of key topics/ Trouble shooting** |
| **Physics** | **Mr Cowlishaw S7** | **Past paper** | **Past paper analysis** | **Past paper** | **Past paper analysis** | **Review of key topics** | **Review of key topics/ Trouble shooting** |

**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/examspecs/zsw7frd**](https://www.bbc.co.uk/bitesize/examspecs/zsw7frd) **for WJEC Biology Unit 2 support**
2. [**https://www.bbc.co.uk/bitesize/examspecs/z6pvkmn**](https://www.bbc.co.uk/bitesize/examspecs/z6pvkmn) **for WJEC Chemistry Unit 2 support**
3. [**https://www.bbc.co.uk/bitesize/subjects/zpm6fg8**](https://www.bbc.co.uk/bitesize/subjects/zpm6fg8) **for WJEC Physics Unit 2 support**

**Science Exam Dates**

Biology – Tuesday 17th May (am)

Chemistry – Friday 27th May (am)

Physics – Wednesday 8th June (pm)