**SCIENCE Scheme of Work 2021-22 - Year 10**

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| **AUTUMN TERM 1: SEPT - OCT** | **AUTUMN TERM 2: OCT - DEC**  | **SPRING TERM 1: JAN - FEB**  |
| **Chemical reactions C3****Predicting and identifying reactions and products C4** | **Cell level systems: B1.2****Organism level systems B3** | **Electricity P3****Magnetism and magnetic fields P4** |
| **C3.1** Introducing chemical reactions **C3.2** Energetics **C3.3** Types of chemical reactions **C3.4** Electrolysis **C4.1** Predicting chemical reactions **C4.2** Identifying the products of chemical reactions | **B1.2** What happens in cells (and what do cells need)?**B3.1** Coordination and control – the nervous system**B3.2** Coordination and control – the endocrine system **B3.3** Maintaining internal environments | **P3.1** Static and charge **P3.2** Simple circuits **P4.1** Magnets and magnetic fields **P4.2** Uses of magnetism |
| **Working Scientifically** |
| **SPRING TERM 2: FEB – MAR** | **SUMMER TERM 1: APR - MAY** | **SUMMER TERM 2: JUN - JUL** |
| **Monitoring and controlling chemical reactions C5****Forces: P2.3** | **Physics on the move P8.1****Waves in matter P5** | **Photosynthesis B1.4****Community level systems B4** |
| **C5.1** Monitoring chemical reactions **C5.2** Controlling reactions **C5.3** Equilibria **P2.3** Forces in Action | **P8.1** Physics on the move**P5.1** Wave behaviour **P5.2** The electromagnetic spectrum**P5.3** Wave interaction  | **B1.4** Photosynthesis**B4.1** Ecosystems  |