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| **Subject** | **Head of Department** |
| Physics - Triple | G Johal |

**Half Term 1 Plan: Year 11 (2019)**

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| **Week Beginning** | **What important things are happening in Year 11 this week?** | **What knowledge will you be going over this week?** | **What exam questions are being practised this week?** | **If applicable, what topic will be revised in your study lesson?** | **What homework will be set this week to support exam/coursework preparation?** |
| **W/C 2 Sep** | Year 11 Information Evening (Wed 4 Sep) | The solar system and life-cycle of a star | 6 – Marks  Lifecycle of a star | Electricity | Seneca for paper 1 revision  Exam Questions Paper 1 –Specimen papers |
| **W/C 9 Sep** |  | Orbits, red shift and expanding universe | Red-shift exam questions | Atomic structure | Seneca for paper 1 revision  Exam Questions Paper 1 –Specimen papers |
| **W/C 16 Sep** |  | Electricity – symbols, V=IR, safety and static | Multi-step electricity calculations | Energy | Seneca for paper 1 revision  Exam Questions Paper 1 –Specimen papers |
| **W/C 23 Sep** |  | Energy – GPE, KE, energy transfers and efficiency | Multi-step energy calculations | Particle Model | Seneca for paper 1 revision  Exam Questions Paper 1 –Specimen papers |
| **W/C 30 Sep** |  | Atomic Structure – types of radiation, half life, fission and fusion | Half-life and uses of radiation | Paper 1 core content | Seneca for paper 1 revision  Exam Questions Paper 1 –Specimen papers |
| **W/C 7 Oct** | Year 11 Assessment Window (En, Ma and Sc in the Hall) |  |  |  | Seneca for paper 1 revision  Exam Questions Paper 1 –Specimen papers |
| **W/C 14 Oct** |  | Magnets and magnetic fields | Drawing Fields | Forces – resolving forces | Paper 2 core questions  Seneca paper 2 topics |
| **W/C 21 Oct** |  | Electromagnets and using electromagnets | Electromagnets – 6 mark questions | Forces – Hooke’s Law | Paper 2 core questions  Seneca paper 2 topics |

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| **What important dates are happening in the department this half term? Exams, coursework, etc.** | **What useful revision links should pupils, parents and tutors be aware of?** |
| Physics Paper 1 exam W/C 7th October | * Seneca learning – website can pay for access to grade 6-9 content and predicted exam questions * Free Science lessons – Excellent revision videos * Primrose Kitten – Excellent revision resources * S-cool.co.uk – a revision website. Not exam board specific * BBC bitesize   We study AQA physics |