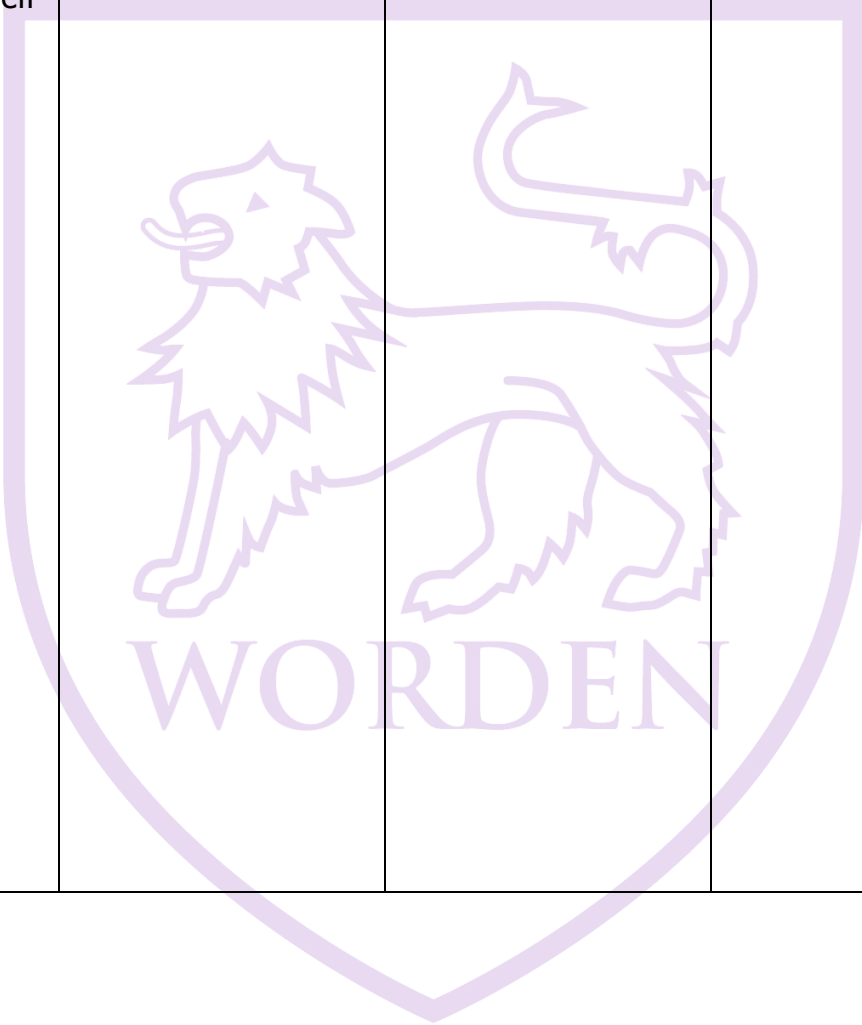


Subject: GCSE Physics Trilogy**Year: 10**

<u>Autumn HT1</u> <u>(approx. 10</u> <u>lessons)</u>	<u>Autumn HT2</u> <u>(approx. 11</u> <u>lessons)</u>	<u>Spring HT1</u> <u>(approx. 7</u> <u>lessons)</u>	<u>Spring HT2</u> <u>(approx. 9</u> <u>lessons)</u>	<u>Summer HT1</u> <u>(approx. 9</u> <u>lessons)</u>	<u>Summer HT2</u> <u>(approx. 2</u> <u>lessons)</u>
<ol style="list-style-type: none">1. Potential energy2. Investigating kinetic energy3. Work done and power4. Dissipation of energy5. Efficiency6. Using energy resources7. Current, potential difference and resistance8. Ohms law9. Power and energy transfers	<ol style="list-style-type: none">1. Circuit components2. Control circuits3. RP V-I components4. Series and parallel circuits5. Electricity in the home6. Transmitting electricity7. Density8. RP calculating density9. Changes of state10. Internal energy	<ol style="list-style-type: none">1. RP SHC2. Latent heat3. Atomic structure4. Development of the atom5. Nuclear radiation6. Nuclear equations7. Radioactive half life	<ol style="list-style-type: none">1. Uses of nuclear radiation2. Forces3. Speed4. Acceleration5. Velocity-time graphs6. Calculations of motion7. Heavy or massive8. Newton's 1st Law9. Forces and acceleration	<ol style="list-style-type: none">1. RP acceleration2. Newtons third law3. Momentum4. Keeping safe on the road5. Forces and energy in springs6. RP spring extension7. Describing waves8. Transverse and longitudinal waves9. RP measuring wavelength	<ol style="list-style-type: none">1. The electromagnetic spectrum2. The electromagnetic spectrum 2

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<p>10. RP resistance in a wire</p>	<p>11. Specific heat capacity</p>			
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