



Long Term Plan

IGCSE Physics

2021-2022	Autumn 1 7 weeks	Autumn 2 7 weeks	Spring 1 7 weeks	Spring 2 7 weeks	Summer 7 weeks
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<p>Year 10</p>	<p>Unit 1: Forces and Motion</p> <ol style="list-style-type: none"> 1. Movement and position 2. Forces and Shape 3. Forces and Movement 4. Momentum 	<p>Unit 1: Forces and Motion</p> <ol style="list-style-type: none"> 5. The turning effect of forces <p>Unit 2: Electricity</p> <ol style="list-style-type: none"> 6. Mains Electricity 7. Current and Voltage in Circuits 	<p>Unit 2: Electricity</p> <ol style="list-style-type: none"> 8. Electrical Resistance 9. Electric Charge <p>Unit 3: Waves</p> <ol style="list-style-type: none"> 10. Properties of Waves 11. The electromagnetic spectrum 	<p>Unit 3: Waves</p> <ol style="list-style-type: none"> 12. Light Waves 13. Sound <p>Unit 4: Energy Resources and Energy Transfer</p> <ol style="list-style-type: none"> 14. Energy Transfers 15. Thermal Energy 	<p>Unit 4: Energy Resources and Energy Transfer</p> <ol style="list-style-type: none"> 16. Work and Power 17. Energy Resources and Electricity Generation 	<p>Unit 5: Solids, Liquids and Gases</p> <ol style="list-style-type: none"> 18. Density and Pressure 19. Solids Liquids and Gases
<p>Year 11</p>	<p>Unit 5: Solids, Liquids and Gases</p> <ol style="list-style-type: none"> 1. Density and Pressure 2. Solids Liquids and Gases 	<p>Unit 6: Magnetism and Electromagnetism</p> <ol style="list-style-type: none"> 1. Magnetism and Electromagnetism 2. Electric Motors and electromagnetic induction 	<p>Unit 7: Radioactivity and Particles</p> <ol style="list-style-type: none"> 1. Atoms and Radioactivity 2. Radiation and Half Life 3. Applications of Radioactivity 4. Fission and Fusion 	<p>Unit 8: Astrophysics</p> <ol style="list-style-type: none"> 1. Motion in the Universe 2. Stellar Evolution 3. Cosmology 	<p>Revision and Exam Preparation</p>	