



Long Term Plan

IGCSE Physics



2020-2021	Autumn 1 7 weeks	Autumn 2 7 weeks	Spring 1 7 weeks	Spring 2 7 weeks	Summer 7 weeks	
Year 10	Unit 1: Forces and Motion 1. Movement and position 2. Forces and Shape 3. Forces and Movement 4. Momentum	Unit 1: Forces and Motion 5. The turning effect of forces Unit 2: Electricity 6. Mains Electricity 7. Current and Voltage in Circuits	Unit 2: Electricity 8. Electrical Resistance 9. Electric Charge Unit 3: Waves 10. Properties of Waves 11. The electromagnetic spectrum	Unit 3: Waves 12. Light Waves 13. Sound Unit 4: Energy Resources and Energy Transfer 14. Energy Transfers 15. Thermal Energy	Unit 4: Energy Resources and Energy Transfer 16. Work and Power 17. Energy Resources and Electricity Generation	Unit 5: Solids, Liquids and Gases 18. Density and Pressure 19. Solids Liquids and Gases
Year 11	Unit 5: Solids, Liquids and Gases 1. Density and Pressure 2. Solids Liquids and Gases	Unit 6: Magnetism and Electromagnetism 1. Magnetism and Electromagnetism 2. Electric Motors and electromagnetic induction	Unit 7: Radioactivity and Particles 1. Atoms and Radioactivity 2. Radiation and Half Life 3. Applications of Radioactivity 4. Fission and Fusion	Unit 8: Astrophysics 1. Motion in the Universe 2. Stellar Evolution 3. Cosmology	Revision and Exam Preparation	