



## A LEVEL – YEAR 12 – PHYSICS – CURRICULUM OVERVIEW

| Autumn Term   |   | Spring Term  |  | Summer Term  |  |
|---|---|--|--|--|--|
| Autumn 1  | Autumn 2  | Spring 1   | Spring 2   | Summer 1   | Summer 2   |
| Key Themes  | Key Themes  | Key Themes   | Key Themes   | Key Themes   | Key Themes   |
| <b>Teacher 1</b><br>Maths for Year 12 Physics<br>Measurements and errors<br>Waves | <b>Teacher 1</b><br>Waves continued   | <b>Teacher 1</b><br>Electricity  | <b>Teacher 1</b><br>Electricity continued  | <b>Teacher 1</b><br>Materials<br>Maths for Year 13 Physics       | <b>Teacher 1</b><br>Gravitational fields                                     |
| <b>Teacher 2</b><br>Maths for Year 12 Physics<br>Particles                        | <b>Teacher 2</b><br>Quantum phenomenae  | <b>Teacher 2</b><br>Mechanics  | <b>Teacher 2</b><br>Mechanics continued  | <b>Teacher 2</b><br>Circular motion                              | <b>Teacher 2</b><br>Simple harmonic motion<br>and resonance                  |
| Assessment / Composite Tasks  | Assessment / Composite Tasks  | Assessment / Composite Tasks   | Assessment / Composite Tasks   | Assessment / Composite Tasks                                     | Assessment / Composite Tasks   |
| Test: Maths for Year 12 Physics<br>Test: Measurements and errors                  | Test: Particles<br>Test: Quantum phenomenae<br><br>Required practical: Resonance<br>Required practical: Diffraction | Test: Electricity part 1<br>Test: Mechanics 1<br><br>Required practical: Resistivity<br>Required practical: Measuring gravitational field strength | Test: Electricity part 2<br>Test: Mechanics 2<br><br>Required practical: Internal resistance | Test: Circular motion<br><br>Required practical: Young's modulus | Test: Gravitational fields<br><br>Required practical: Simple harmonic motion |