

CURRICULUM OVERVIEW: KS5 Physics

Exam board: AQA Physics A Level

Exam board: AQA Physics A Level		
	Year 12	Year 13
Autumn term	<ul style="list-style-type: none"> Basic skills + Measurements and their errors Particles Radiation and quantum phenomena Waves (Required practicals 1&2) Mechanics (Required practical 3) 	<ul style="list-style-type: none"> Further mechanics (Required practical 7) Thermal physics (Required practical 8) Gravitational & electric fields Capacitors (Required practical 9) Magnetic fields (Required practical 10 & 11) Nuclear physics
Spring term	<ul style="list-style-type: none"> Materials (Required practical 4) Electricity (Required practicals 5&6) Topic based revision for AS exams 	<ul style="list-style-type: none"> Finish nuclear physics (Required practical 12) Medical physics Revision for A level exams
Summer term	<ul style="list-style-type: none"> Exam skills development Feedback & mastery AS exams Further mechanics (A2 unit) 	<ul style="list-style-type: none"> Revision for A level exams A level exams.
Assessment	<ul style="list-style-type: none"> Students sit 2 x 1 hour 30 minute exams covering all of the year 12 content in May/June. These are externally assessed and results are received in August. Students are assessed throughout the year internally (please see the school assessment calendar for more information). Students will also be assessed against the Common Practical Assessment Criteria (CPAC) for 6 required practical investigations. 	<ul style="list-style-type: none"> Students sit 3 x 2 hour exams at the end of year 13 in June. These are externally assessed and results are received in August. Students are assessed throughout the year internally (please see school assessment calendar for more information). Students will also be assessed against the Common Practical Assessment Criteria (CPAC) for 6 required practical investigations.