



CAG Process Document Subject: A Level Physics

The table below identifies the evidence selected by each Head of Department/ Faculty to determine the Centre Assessed Grades (CAGs) for students studying the course. The document also includes the methodology explaining how the evidence used was calculated to reach the final CAGs.

Data	Conditions for Completion	Course Coverage	Grading
Primary Evidence 1 Mock Exam	Mock paper sat at home during lockdown. Paper was uploaded at a set time and students would have a time limit to complete and upload their answers. Any work uploaded late would be deducted 10%.	AQA A/s Physics May 2019 paper 1 and 2	A/s paper grading based on pre-determined AQA 2019 grade boundaries.
Primary Evidence 2 End of topic tests	60-mark end of topic tests were completed as part of the science schedule throughout 'normal' teaching. A majority of these tests were completed under 'class test conditions' during normal science lessons.	The tests cover topics taught in year 12 and 13. Tests consist of past exam questions	Consistency in that all teachers used the pre-written Mark schemes published by Kerboodle (many AQA past questions included). Grade boundaries set by HODs and consistently applied. An average was taken of all tests completed to work out a final grade
Mini Assessment 1 & 2	Completed in formal examination setting. High control. Externally invigilated.	Questions taken from two specimen papers. The total mark for each of the two one-hour assessments was 100, as paper one comprised 47 marks and paper two	HODs designed papers using AQA legacy questions. Grade boundaries set based on legacy boundary distribution and prior attainment of cohorts

		<p>comprised 53 marks.</p> <p><u>Paper 1</u> The longer questions were based on Quantum phenomena, Waves and Optics, Force and Momentum, and Work, Energy and Power. The multiple-choice questions cover a larger range of the syllabus and are based on Chapters 1 to 10 inclusive.</p> <p><u>Paper 2</u> Consisted of long answer questions from: gravitational fields; magnetic fields, capacitors; capacitance.</p>	to create an appropriate (improving) grade distribution.
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Final CAGs – The Methodology

70% mini-assessment, 20% mock, 10% end of topic test average. The heavy weighting on mini assessments was agreed due to the major disruption caused to the science mock examinations due to the Covid pandemic.

Formula heavily weighted to mini-assessment as mocks exams were completed at home and end of topic tests are widely available online if looked for.

The mini-assessment was the only truly controlled assessment for Physics. Students were told prior to the mini-assessment that the two papers would carry significant weighting and that their grades would be adjusted based on performance.