



Paper 1: Pure Mathematics (*Paper code: 8MA0/01)
<b>Written examination: 2 hours</b>
<b>62.5% of the qualification</b>
<b>100 marks</b>
<b>Content overview</b>
<ul style="list-style-type: none"> <li>• Topic 1 – Proof</li> <li>• Topic 2 – Algebra and functions</li> <li>• Topic 3 – Coordinate geometry in the <math>(x, y)</math> plane</li> <li>• Topic 4 – Sequences and series</li> <li>• Topic 5 – Trigonometry</li> <li>• Topic 6 – Exponentials and logarithms</li> <li>• Topic 7 – Differentiation</li> <li>• Topic 8 – Integration</li> <li>• Topic 9 – Vectors</li> </ul>
<b>Assessment overview</b>
<ul style="list-style-type: none"> <li>• Students must answer all questions.</li> <li>• Calculators can be used in the assessment.</li> </ul>

Paper 2: Statistics and Mechanics (*Paper code: 8MA0/02)
<b>Written examination: 1 hour 15 minutes</b>
<b>37.5% of the qualification</b>
<b>60 marks</b>
<b>Content overview</b>
<b>Section A: Statistics</b>
<ul style="list-style-type: none"> <li>• Topic 1 – Statistical sampling</li> <li>• Topic 2 – Data presentation and interpretation</li> <li>• Topic 3 – Probability</li> <li>• Topic 4 – Statistical distributions</li> <li>• Topic 5 – Statistical hypothesis testing</li> </ul>
<b>Section B: Mechanics</b>
<ul style="list-style-type: none"> <li>• Topic 6 – Quantities and units in mechanics</li> <li>• Topic 7 – Kinematics</li> <li>• Topic 8 – Forces and Newton's laws</li> </ul>
<b>Assessment overview</b>
<ul style="list-style-type: none"> <li>• The assessment comprises two sections: Section A – Statistics and Section B – Mechanics.</li> <li>• Students must answer all questions.</li> <li>• Calculators can be used in the assessment.</li> </ul>

To achieve your target grade in your Half-Termly Assessments, you will need to achieve the highlighted percentages in your assessments.

For your End of Year Exam, this will comprise of a Pure Paper and an Applied Paper (Statistics & Mechanics). It will be the Grade on the End of Year Paper that will be used for your UCAS Predictions.

<u>Half-Term Assessment Grade Boundaries</u>	
Grade E-	20%
Grade E	25%
Grade E+	29%
Grade D-	33%
Grade D	37%
Grade D+	41%
Grade C-	46%
Grade C	50%
Grade C+	55%
Grade B-	59%
Grade B	64%
Grade B+	69%
Grade A-	73%
Grade A	78%
Grade A+	88%

<u>PROVISIONAL End of Year Exam Boundaries</u>	
Grade E-	28%
Grade E	30%
Grade E+	32%
Grade D-	34%
Grade D	39%
Grade D+	41%
Grade C-	44%
Grade C	47%
Grade C+	49%
Grade B-	52%
Grade B	55%
Grade B+	59%
Grade A-	63%
Grade A	67%
Grade A+	70%

### Edexcel External AS Level Mathematics Grade Boundaries (June 2024)

Grade E	Grade D	Grade C	Grade B	Grade A
33%	40%	49%	57%	65%