

**Programme for Third Year Higher Level Mathematics**

**2025 – 2026**

**Texts and Tests 2**

Topic	Chapter	Notes
Trigonometry	22	
Patterns and Sequences	18	
Coordinate Geometry – the Line	11	
Functions	19	
Graphing Functions	23	
<b>All Algebra studied in second year will be examined in the Christmas Exam. This includes chapters 1, 2, 10, 15 and 21.</b>		
<b><i>Christmas Exam – 1½ hours</i></b>		
Statistics 1 – Collecting Data	5	
Statistics 2 – Averages and Variability	7	
Statistics 3 – Presenting Data	13	
Indices – Standard Form – Surds	14	
Geometry 1 – Triangles, Quadrilaterals, Theorems	8	Ex. 8.1, 8.2 and 8.5 only
Geometry 2 – Similar Triangles, Circles, Theorems	16	Ex. 16.3 only
Geometry 3 – Transformations, Constructions	24	Ex. 24.5 only
<b><i>Trial Exams</i></b>		
Drawing and Interpreting Real-life Graphs	20	
Geometry 1 – Triangles, Quadrilaterals, Theorems	8	Revise and Complete
Geometry 2 – Similar Triangles, Circles, Theorems	16	Revise and Complete
Geometry 3 – Transformations, Constructions	24	Revise and Complete
Revision		