Subject	Mathematics
Number and length of exam(s)	3 Exams – 2 Calculator and 1 Non-Calculator, each exam 1 ½ hours in length.
Revision topics	Higher: • Rearranging formula including factorising • Solving algebraic fractions • Probability – including tree diagrams, Venn diagrams and conditional probability • Histograms • Ratio and proportion (problem solving questions with fractions etc) • Direct and Inverse Proportion • Sequences (Linear and Quadratic) • Vectors • Transformations: Translations, Rotations, Reflections and Enlargements (Including negative enlargement) / Constructions and Loci • Linear Graphs (parallel and perp lines) • Calculations with Percentages • Indices • Standard Form • Surds • Statistical Measures – Mean, Median, Mode, Range • Circle Theorems • Perimeter, Area (including Circles) and Volume • Compound Measures (Speed, Distance, Time and Density, Mass, Volume) • Pythagoras' Theorem • Trigonometry • Inequalities including graphing • Quadratics – Expanding, factorising, solving, graphs, formula and completing the square • Sketching Graphs • Simultaneous Equations • Sine and Cosine Rule • Properties of Polygons
Where to access resources	Hegarty Maths Books (Exercise) Ask your teacher
How to access help / support	After school revision sessions Speak to teacher Look back at notes in books Use Hegarty Maths (or other online maths websites like Maths – BBC Bitesize)

Hints or tips	1. **Before you start revising, get all your notes sorted, and draw up a list of all the topics you need to cove**r.
	2. **Plan exactly when you are going to revise, and be strict with yourself**.
	3. **Give yourself little treats and things to look forward to.**
	4. **Don't just read through the textbook!**
	5. **Use the internet** – Hegarty maths, BBC Bitesize and other maths sites.
	6. **Don't just practice the topics you can do**.
	7. **Make sure you ask for help.**
	8. **Practice doing questions under exam conditions.**
	9. **Practice using your calculator!**
	10. **If it works for you, try revising with a friend for a bit of the time.**
	11. **Most important of all, try not to worry.**