

| Autumn Term 1 | Autumn Term 2 | Spring Term 1 | Spring Term 2 | Summer Term 1 | Summer Term 2 |
|---|--|---|---------------|---|---------------|
| Algebra: Algebraic manipulations Complete the square Solving quadratics Quadratic graphs Rearranging formula Quadratic inequalities Probability: Choices and outcomes Probability trees Venn diagrams Vectors and Problem solving Circle theorem Equation of the circle Finding equations of the tangent Direct and Inverse proportion | Geometry: Pythagoras Trigonometry Trigonometry in 3D Exact trigonometric values Sine rule Area of a triangle Cosine rule Functions: Introduction Composite functions Inverse functions Transformations of graphs | Revision | Revision | Exams | |
| Assessment | | Key Concepts/ Skills | | Reading | |
| GCSE Mock papers in November and February GCSE starts in May | | Developing and applying problem solving skills to answer GCSE questions. | | BUG the question | |
| Enrichment | | Careers | | Useful resources and revision | |
| Further Maths afterschool club Revision sessions every Thursday. | | National Careers Week, beginning in February, is a great opportunity to explore different careers in Maths. | | https://www.1stclassmaths.com/ https://www.mathsgenie.co.uk/gcse.php https://www.hannahkettlemaths.co.uk/ | |