

YEAR 7-11

MATHEMATICS

KEY STAGE 3	
Term	Content
Autumn 1	Unit 1: Number 1 – 4 Operations Unit 2: Shape 1 – Area and Volume
Autumn 2	Unit 3: Number 2 – Special Numbers and Rounding Unit 4: Algebra 1 – Simplifying
Spring 1	Unit 5: Handling Data 1 – Representing Data Unit 6: Number 3 – Fractions, Decimals and Percentages
Spring 2	Unit 7: Algebra 2 – Equations and Sequences Unit 8: Shape 2 – Angles and Construction
Summer 1	Unit 9: Ratio and Proportion Unit 10: Algebra 3 – Coordinates and Linear Graphs
Summer 2	Unit 11: Shape 3 – Measurement and Transformations Unit 12: Probability

KEY STAGE 4		
Foundation / Cross-Over (Yr10)	Cross-Over (Supergroup – Y11)	Higher (Yr10 and Yr11)
Unit 1: Number Unit 2: Algebra Unit 3: Graphs, Tables and Charts Unit 4: Fractions and Percentages Unit 5: Equations, Inequalities and Sequences Unit 6: Angles Unit 7: Averages and Range Unit 8: Perimeter, Area and Volume 1 Unit 9: Graphs Unit 10: Transformations Unit 11: Ratio and Proportion Unit 12: Right-Angles Triangles Unit 13: Probability Unit 14: Multiplicative Reasoning Unit 15: Constructions, Loci and Bearings Unit 16: Quadratic Equations and Graphs Unit 17: Perimeter, Area and Volume 2	1. Two Way Tables 2. Frequency Trees 3. Rounding and Error Intervals 4. Estimation 5. Use of Calculator 6. Product of Primes/HCF/LCM 7. Real-life Multiples 8. Fractions 9. Ratio 10. Direct Proportion 11. Proportion - Best Value 12. Proportion - Recipes 13. Proportion - Exchange Rates 14. Inverse Proportion 15. Percentages 16. Interest and Growth 17. Depreciation and Decay 18. Reverse Percentages 19. Index Laws 20. Expand and Simplify 21. Sequences 22. Inequalities 23. Solving Equations	Unit 1: Number Unit 2: Algebra Unit 3: Interpreting and Representing Data Unit 4: Fractions, Ratio and Proportion Unit 5: Angles and Trigonometry Unit 6: Graphs Unit 7: Area and Volume Unit 8: Transformation and Constructions Unit 9: Equations and Inequalities Unit 10: Probability Unit 11: Multiplicative Reasoning Unit 12: Similarly and Congruence Unit 13: More Trigonometry Unit 14: Further Statistics Unit 15: Equations and graphs Unit 16: Circle theorems Unit 17: More algebra



<p>Unit 18: Fractions, Indices and Standard Form Unit 19: Congruence, Similarity and Vectors Unit 20: More Algebra</p> <p>QLA led revision, combined with small group support and Guided Learning challenging the most able.</p>	<ol style="list-style-type: none"> 24. Forming and Solving Equations 25. Factorising 26. Changing the Subject 27. Standard Index Form 28. Angles in Parallel Lines 29. Interior and Exterior Angles 30. Plans and Elevations 31. Constructions and Loci 32. Bearings 33. Pythagoras 34. Trig - Finding Sides 35. Trig - Finding Angles 36. Trig - Non-Calculator 37. Pythagoras with Trig 38. Circles 39. Arcs and Sectors 40. Surface Area and Volume 41. Sampling 42. Averages 43. Averages from a Table 44. Averages from Grouped Data 45. Frequency Diagrams 46. Scatter Graphs 47. Time Series 48. Pie Charts 49. Coordinate Geometry 50. Straight Line Graphs 51. Non-linear Graphs 52. Speed, Distance, Time 53. Compound Measures 54. Real-life Graphs 55. Congruence 56. Similar Shapes 57. Reflections 58. Rotations 59. Translations 60. Enlargements 61. Combined Transformations 62. Vectors 63. Probability from a Table 64. Probability Trees 65. Venn Diagrams 66. Simultaneous Equations <p>QLA led revision, combined with small group support and Guided Learning challenging the most able.</p>	<p>Unit 18: Vectors and Geometric Proof Unit 19: Proportion and Graphs</p> <p>During Year 11 – Time is given to deliver the GCSE Statistics Curriculum alongside the GCSE Mathematics Curriculum.</p> <p>QLA led revision, combined with small group support and Guided Learning challenging the most able.</p>
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