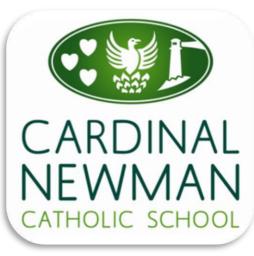
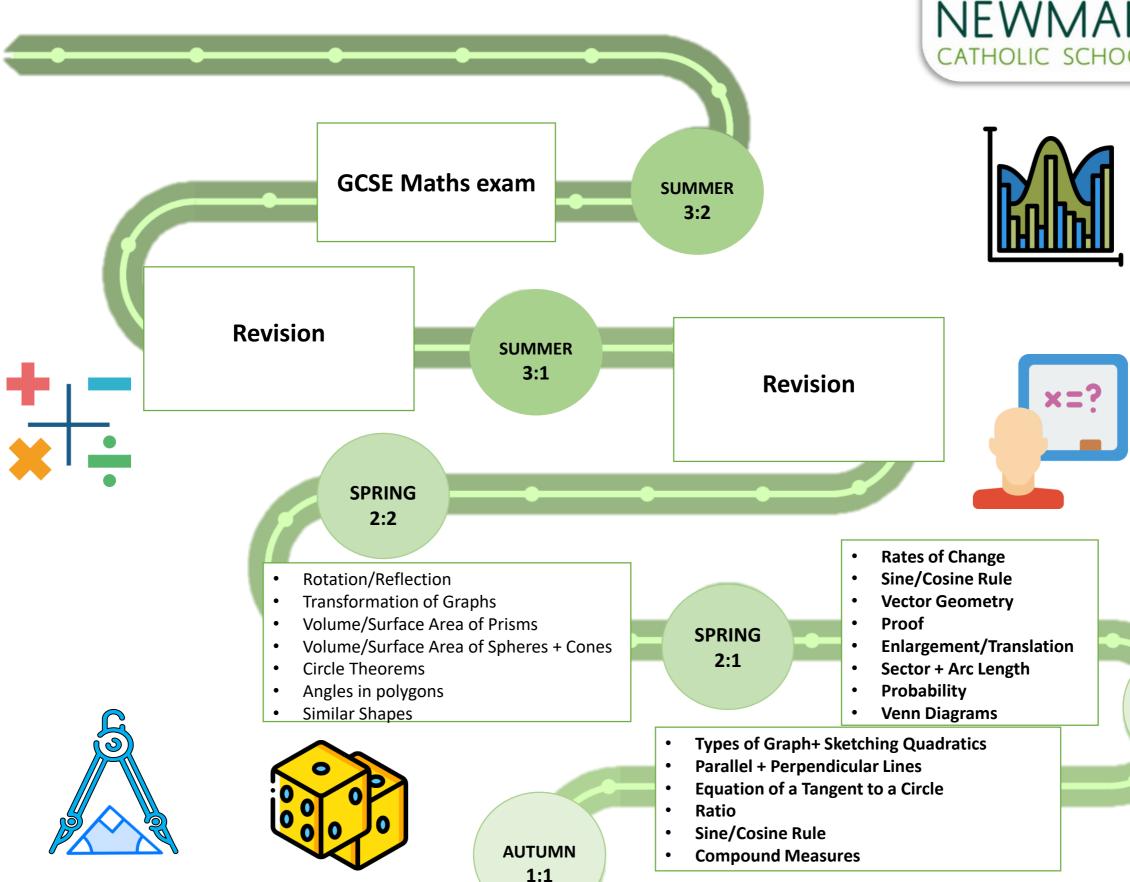
Mathematics KS4: Year 11 Set 1





OUR LEARNING JOURNEY Algebraic Fractions

- Inequalities
- Direct and Inverse Proportion
- Forming and Solving Equations
- Completing the Square
- Cumulative Frequency + Box Plot
- Histograms
- Averages from a Table

Rearranging Harder Formulae

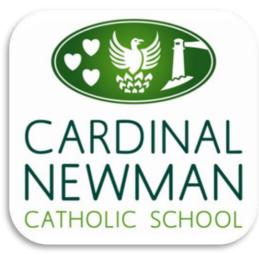
AUTUMN

1:2

- Functions
- Simultaneous Equations
- **Error Intervals and Bounds**
- Surds
- Recurring Decimals
- **Quadratic Sequences**

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Mathematics KS4: Year 11 Sets 2/3



GCSE Maths exam SUMMER 3:2 **Simultaneous Equations Linear/Quadratic** Iteration **Tangent to a Circle Proof Regions Vectors Revision Congruence and Similar Shapes SUMMER Completing the Square** 3:1 **3D Trig Equation of a Circle Upper and Lowe Bounds Gradients of Curves Areas Under Curves SPRING Exact Trig Values** 2:2 **Plans + Elevations Transformations of Graphs Conversions Speed/Distance/Time** Y=mx+c **Density Parallel and Perpendicular Lines Quadratic Sequences Algebraic Fractions SPRING Advanced Trigonometry Quadratic Inequalities** 2:1 **Cones and Spheres Direct and Inverse Proportion Circle Theorems** Surds **AUTUMN** 1:2 **Calculations in Standard Form Inequalities Functions** Ratio **Percentage Change**

OUR LEARNING JOURNEY

Rearranging Formulae

AUTUMN

1:1

- Plotting Graphs
- Estimation and Rounding
- Multiplying and Dividing Decimals

Compound Interest

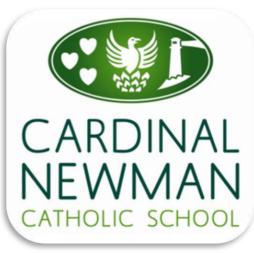
Product Rule for Counting

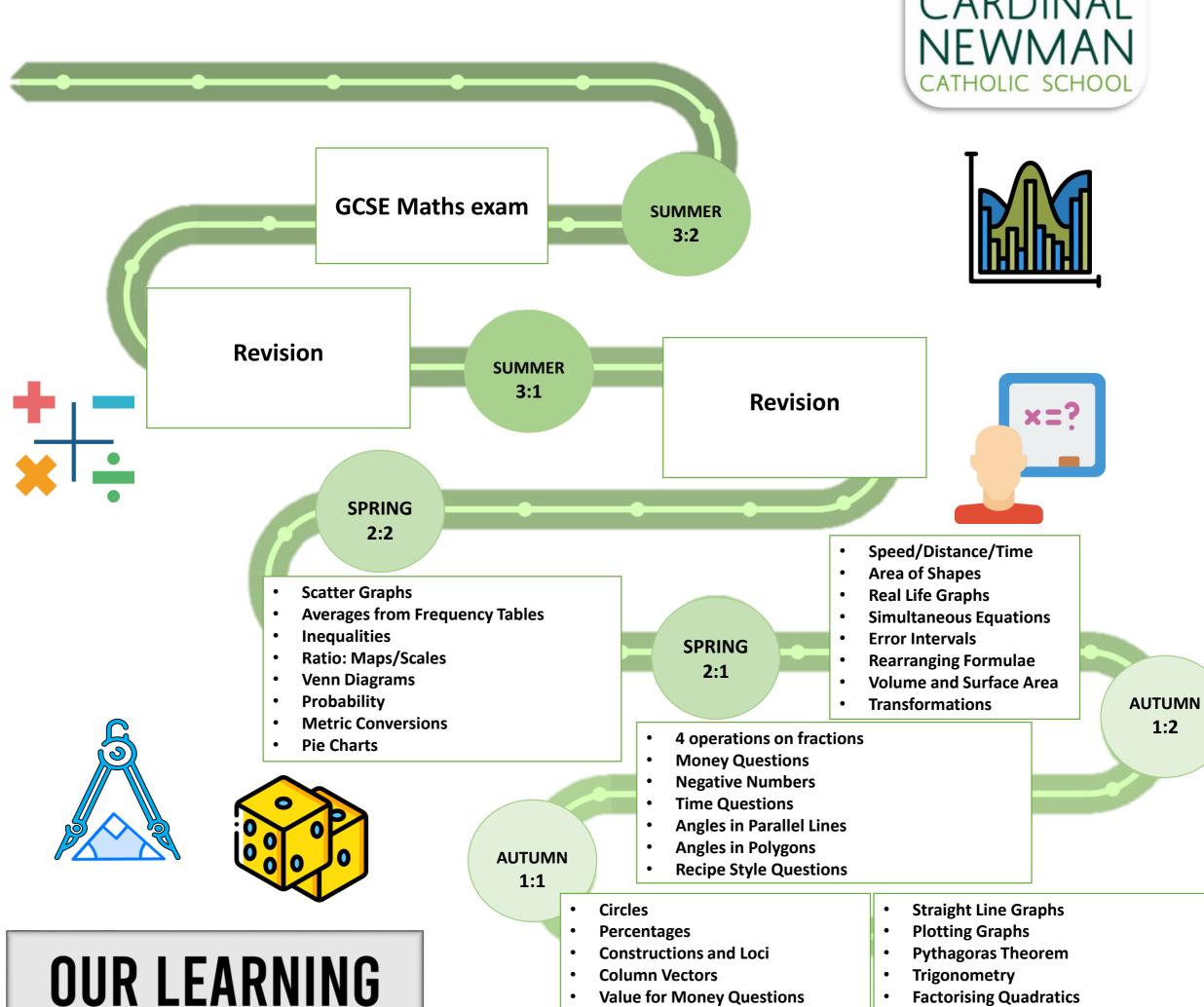
- Recurring Decimals
- Products of Primes

- Forming and Solving Equations
- Factorising
- Solving Simultaneous Equations
- **Solving Quadratics by Factorising**
- Solving Quadratics by Using the Formulae



Mathematics KS4: Year 11 Set 4 + 5





OUR LEARNING JOURNEY

- Forming and Solving Equations
- HCF/LCM
- Estimation

- Solving Quadratics
- Area and Perimeter

2 2 2 2 2 2 2