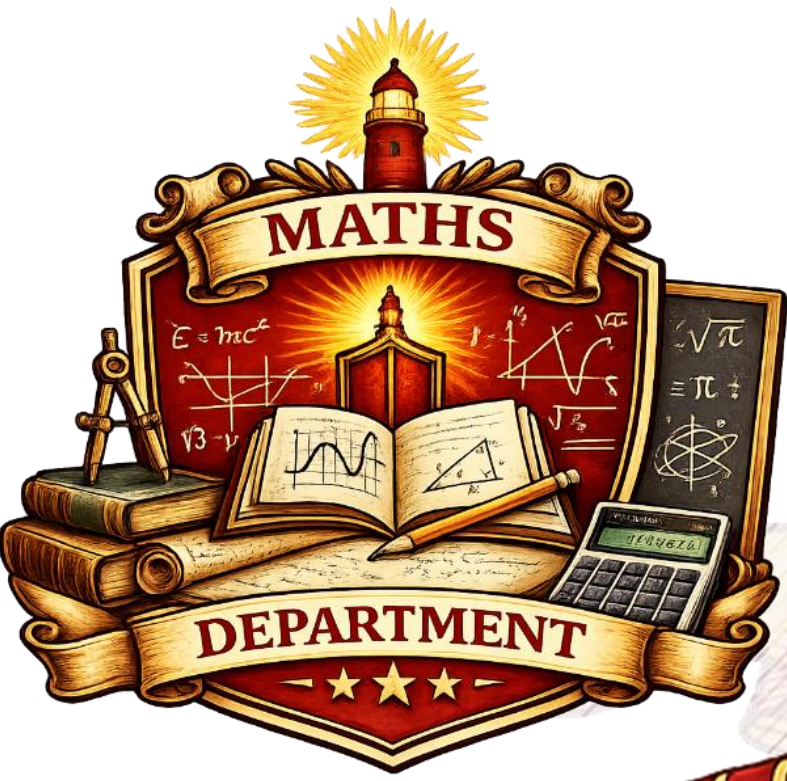
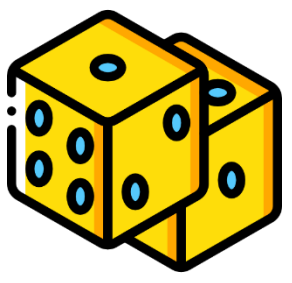




KS4: YEAR 10



Stage 11
Recurring decimals to fractions, Fractional and negative indices, Surds

Stage 11
Expanding triple brackets, Parallel and perpendicular lines

SUMMER
3:2

Stage 11
Inequalities on graphs, Rearranging harder formulae, Enlarging with negative scale factors

Stage 11
Cumulative frequency graphs, Box plots

SUMMER
3:1

Stage 10
Writing ratio as a fraction or linear function, Simultaneous equations (algebraically and graphically), Direct and inverse proportion, Similar shapes (lengths)

Stage 10
Sector areas and arc lengths, Spheres and cones, SOH CAH TOA trigonometry, Exact trig values



Stage 8
Expanding and factorising quadratics, Solving quadratics by factorising, Drawing quadratic graphs, Drawing cubic/reciprocal graphs

Stage 9
Changing the subject of a formula, Gradient of a line, Equation of a line, Angles in parallel lines, Angles in polygons

Stage 9
Loci and construction, Bearings, Vectors, Probability trees, Venn diagrams and simple set notation

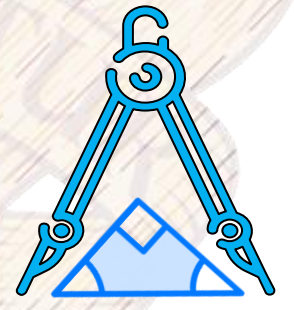
SPRING
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Stage 7
Compound interest and depreciation, Sequences (nth term), Inequalities, Forming and solving equations

Stage 7
Pythagoras Theorem, Surface area, Volume of a prism, Cylinders, Averages from frequency tables, Probability

Stage 8
Standard form, Reverse percentages, Speed, density and pressure, Real life and distance time graphs

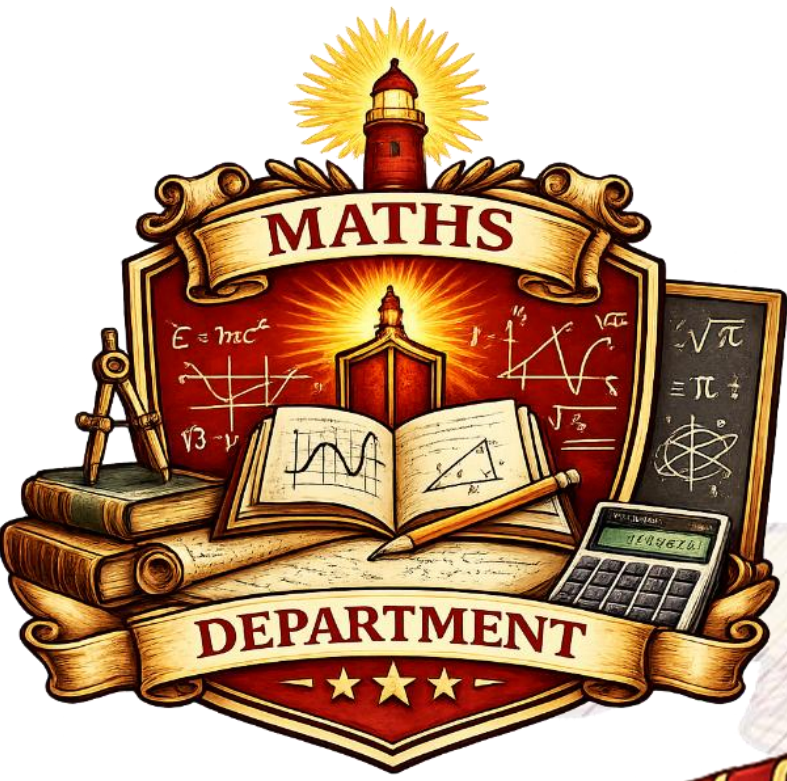


AUTUMN
1:2

AUTUMN
1:1

Stage 3/4
Combined (reverse) mean, Stem and leaf diagrams, Frequency polygons, Straight line graphs, Product rule for counting, Converting units and conversion graphs, Scale drawings

Stage 5
Percentage change, Exchange rates, Ratio, Solving equations, Area and circumference of circles, Frequency trees, Two-way tables, Pie charts



KS4: YEAR 11



SUMMER
3:2

Revision booklets and past paper practice

Revision booklets and past paper practice

SUMMER
3:1

Revision booklet and past paper practice

SPRING
2:2

Stage 14
Velocity time graphs, Congruent triangles, Vectors proof questions, Probability equation questions, Proof of the circle theorems

SPRING
2:1

Stage 13
3D trigonometry , Histograms, Conditional probability
Stage 14
Quadratic simultaneous equations, Quadratic inequalities, Transforming graphs, Perpendicular lines and the equation of a tangent

AUTUMN
1:2

Stage 12
Circle Theorems, Quadratic formula, Factorising harder quadratics
Stage 12
Functions, Iteration, Nth term of a quadratic sequence
Stage 13
Bounds, Algebraic fractions, Completing the square , Sine rule, Cosine rule, Area of any triangle

AUTUMN
1:1

