



Gordon's School Mathematics Department

Key Stage 3 - Curriculum Map

Key Words / Skills:

Command Words

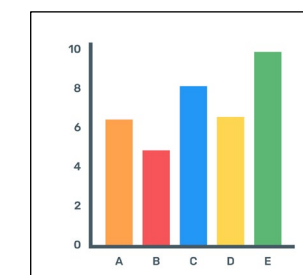
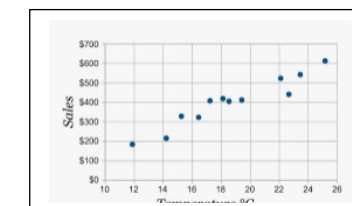
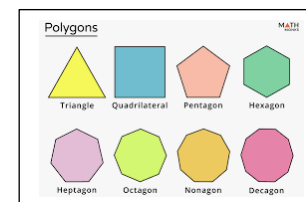
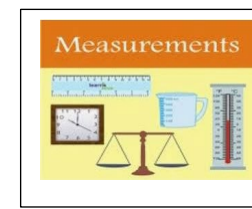
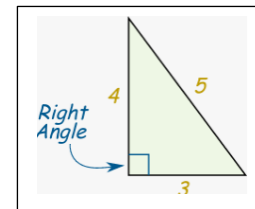
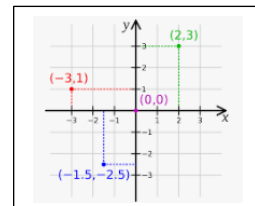
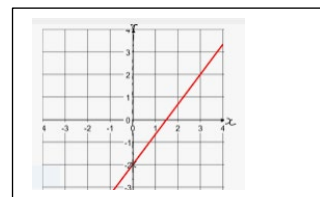
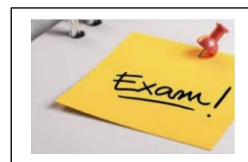
Simplify – simplify the given expression

Solve – find the solution of an equation or inequality

Show – all working needed to get a given answer

Find – some working will be needed to get to the final answer

Calculate – a calculator and some working will be needed

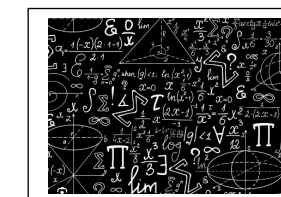


Co-ordinates, Straight Line Graphs, Coordinate Geometry, Real Life Graphs
End of Year Exam

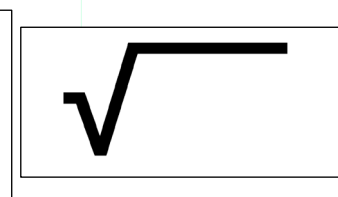
Volume & Surface area, Right-angled Triangles, Ratio and Proportion.

Scatter Graphs, Angles, Polygons, Measurements, Area & Perimeter.

Fractions, Decimals & Percentages, Ratio & Proportion, Data Handling, Data Collection, Representing.



Algebraic Expressions, Substitution, Formulae, Linear Equations, Linear Inequalities, Sequences



Integers, Decimals, Using a Calculator, Rounding, Indices & Roots, Standard Form, Factors, Multiples & Primes Understanding Surds

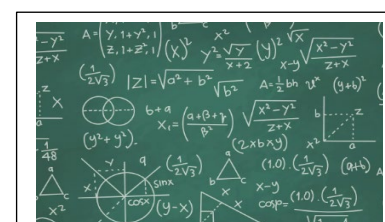
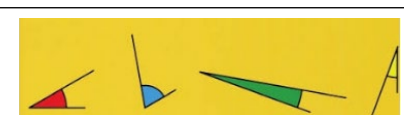
Year 9

Number & Algebra Recap, End of Year Exam

Inequalities, Pythagoras & Trigonometry, Constructions & Loci

Transformations, Data Handling, Rearranging Formulae

3D Measurement and Similarity, Ratio, Proportion and Rates, Probability



Fraction, Decimal and Percentage Operations, Solving Equations, Linear Functions

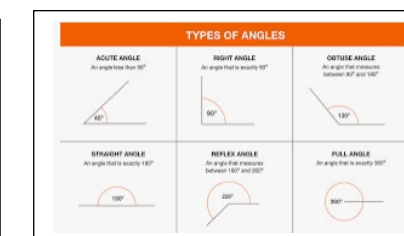
2D Measurement/Area, Sequences, Angle Geometry

Number Properties, Decimals and Estimation, Algebraic Expressions

Year 8

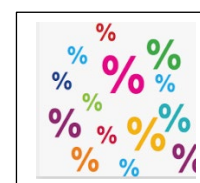
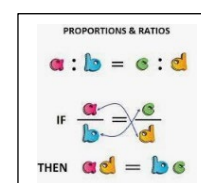
Number & Algebra Recap, End of Year Exam

Probability, Angles & Geometry, Transformations



Percentages, Data handling, Sequences

Number Sequences
3, 5, 8, 13, 22, _?

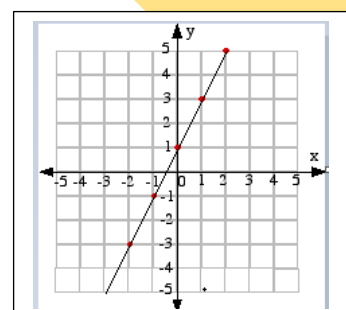


3D Measurement, Linear Functions, Ratio & Proportion

2D Measurement, Area, Algebra

Place Value, Number Properties, Number Operations

Year 7



Ten Thousands (T Th)	Thousands (Th)	Hundreds (H)	Tens (T)	Ones (O)
1	3	5	4	8
Place value of 1 = 10,000	Place value of 3 = 3,000	Place value of 5 = 500	Place value of 4 = 40	Place value of 8 = 8

