



St George's Academy
aiming high to achieve excellence for all

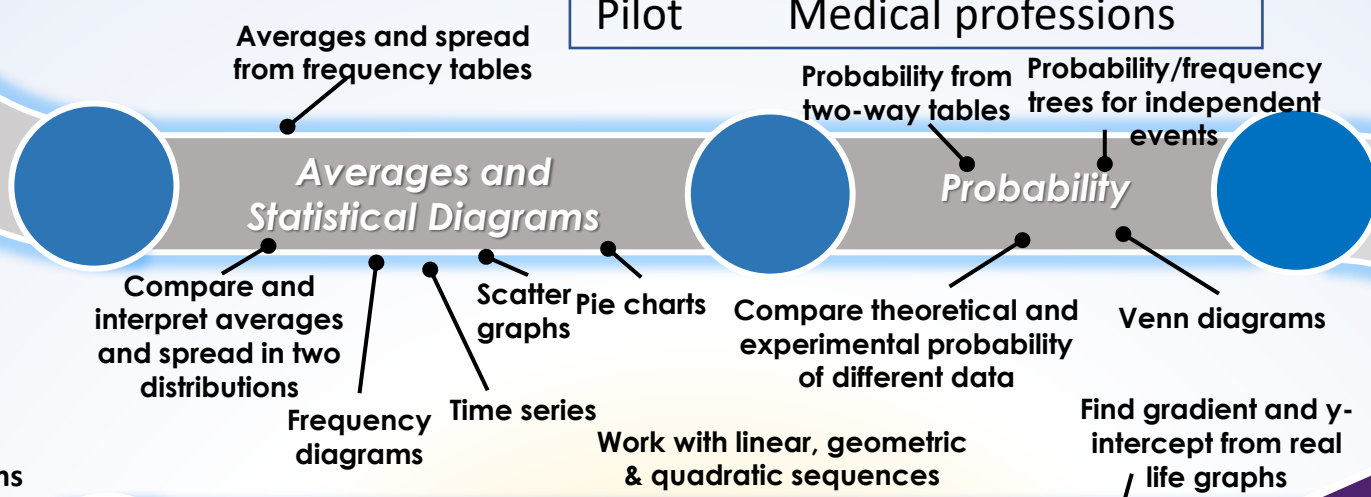
Year 9 Higher Mathematics Journey

Career's linked to year 9 topics

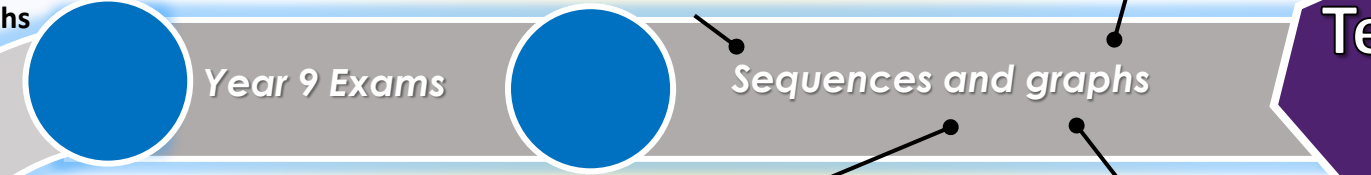
Data Analyst	Engineering
Banking	Game creator
The trades	Retail
Architect	Business
Pilot	Medical professions

Year 10

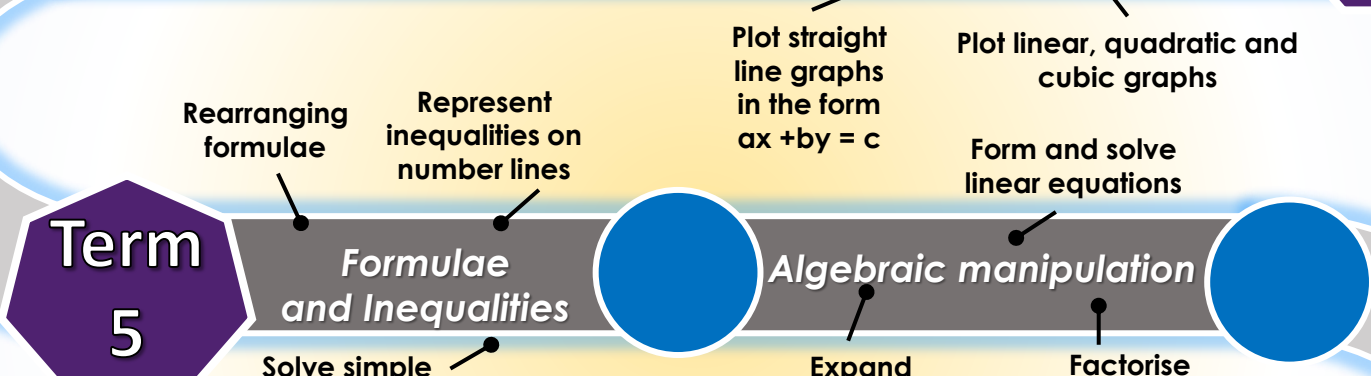
Prior Knowledge
Use term to term rule
Nth term
Plot straight line graphs
Interpret real life graphs



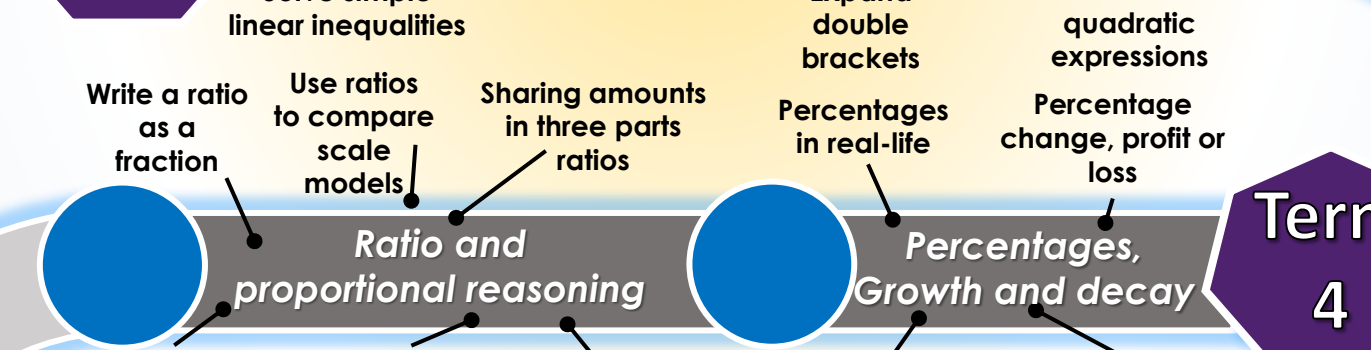
Prior Knowledge
Calculate probability of single events
Sample space diagrams
Two-way tables
Averages and spread from lists and diagrams



Term 6

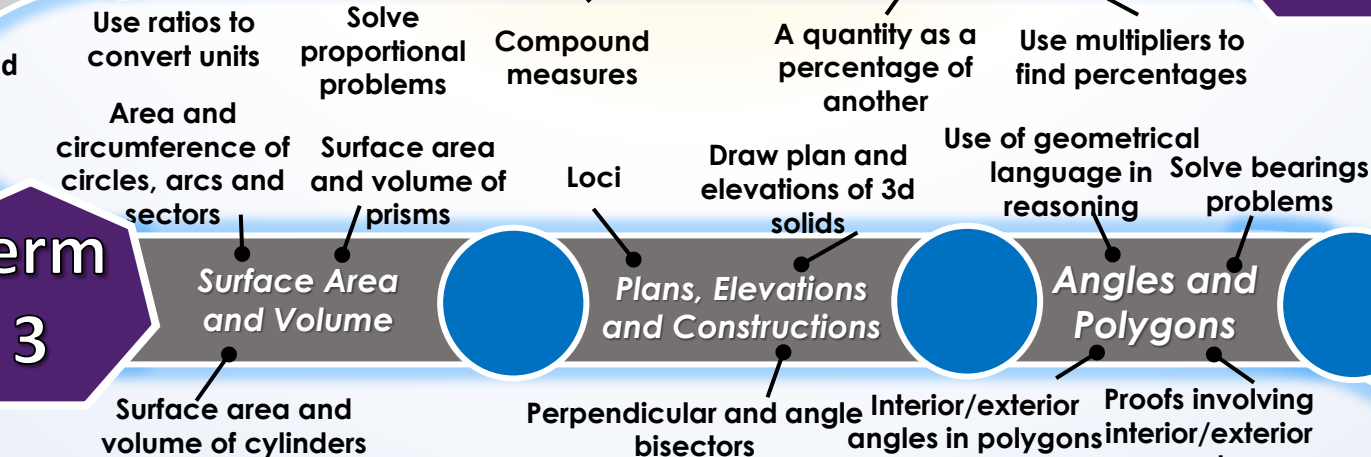


Prior Knowledge
Simplify expressions
Expand and factorise single brackets
Solve linear equations
Substitute into formulae



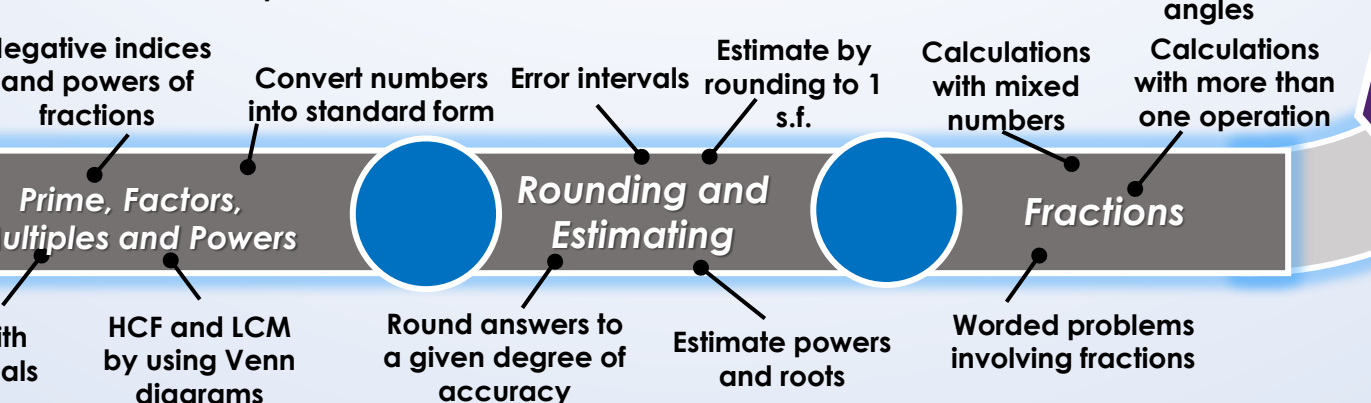
Prior Knowledge
Simplify ratios
Share a quantity in a given ratio
Use scale drawings
Distance-time graphs
Percentage increase and decrease

Prior Knowledge
Measure and draw bearings
Work out unknown angles in different contexts
Construct triangles
Construct nets of 3d shapes
Area Formulae of 2d shapes



Prior Knowledge
Prime factor
Decomposition
HCF and LCM by listing
Round according to decimal values and significant figures
Simplify fractions

Term 1



Term 2