

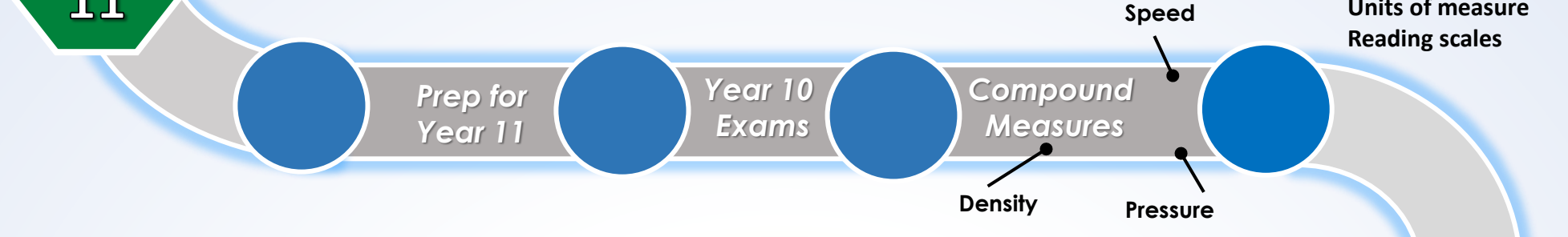


St George's Academy
aiming high to achieve excellence for all

Year 10 Higher Mathematics Journey

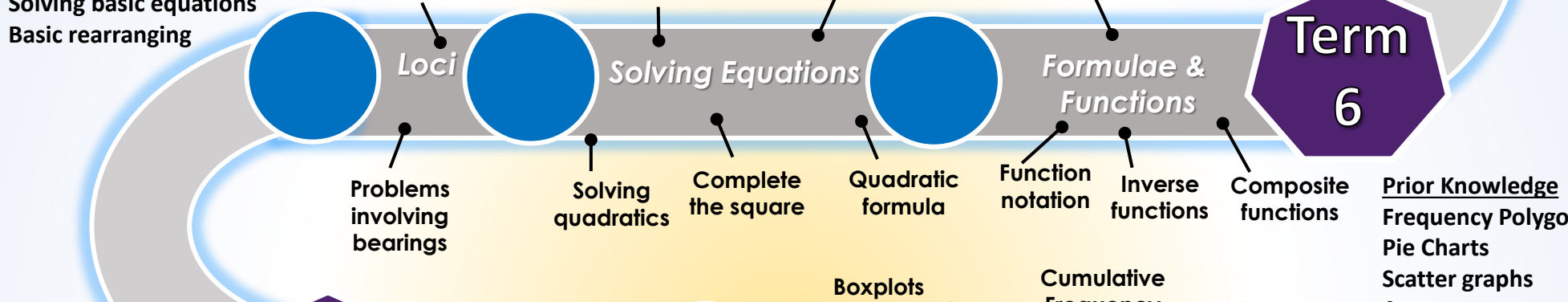
Career's linked to year 10 topics
 Data Scientist
 Cryptographer
 Engineering
 Architect
 Pilot

Year 11



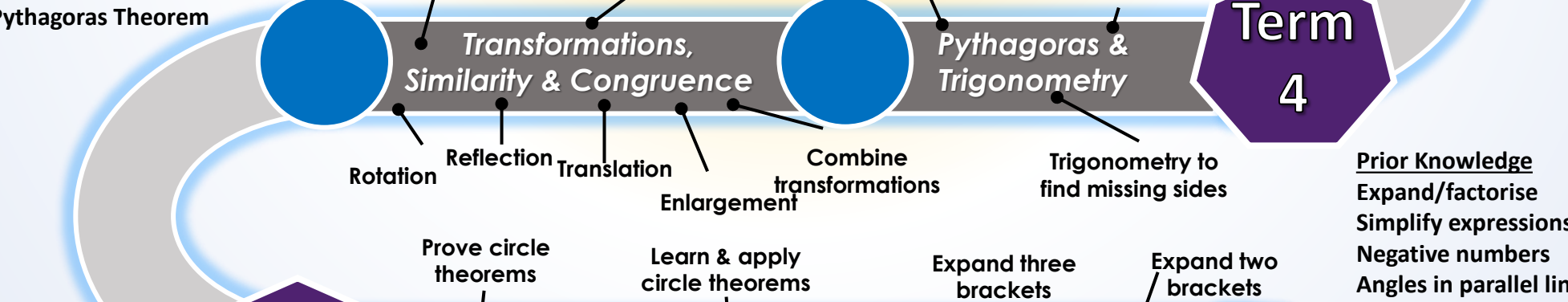
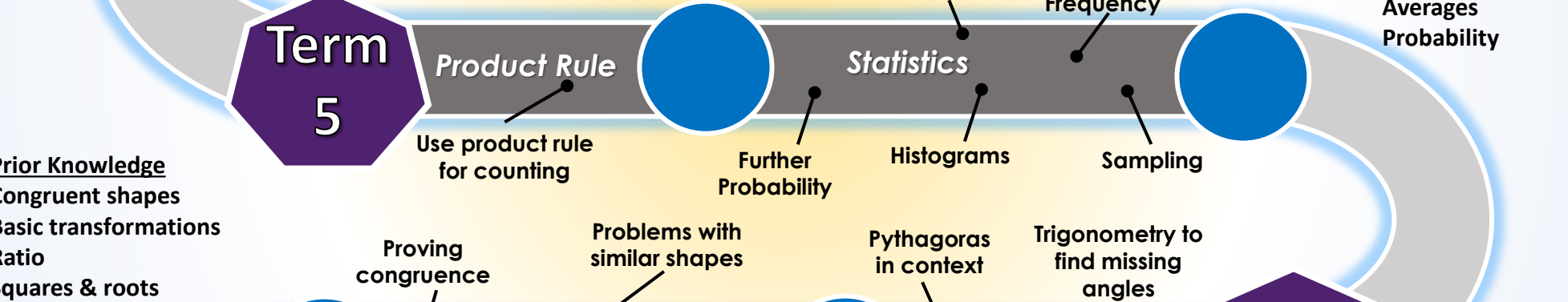
Prior Knowledge
 Units of measure
 Reading scales

Prior Knowledge
 Constructions
 Basic Loci
 Solving basic equations
 Basic rearranging



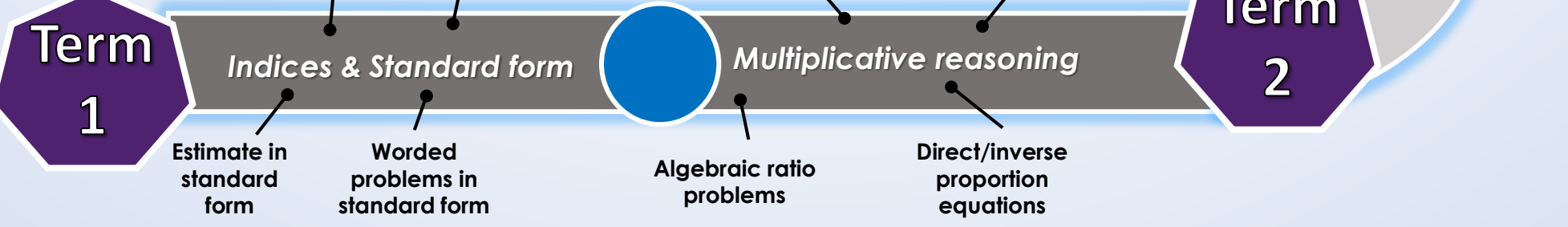
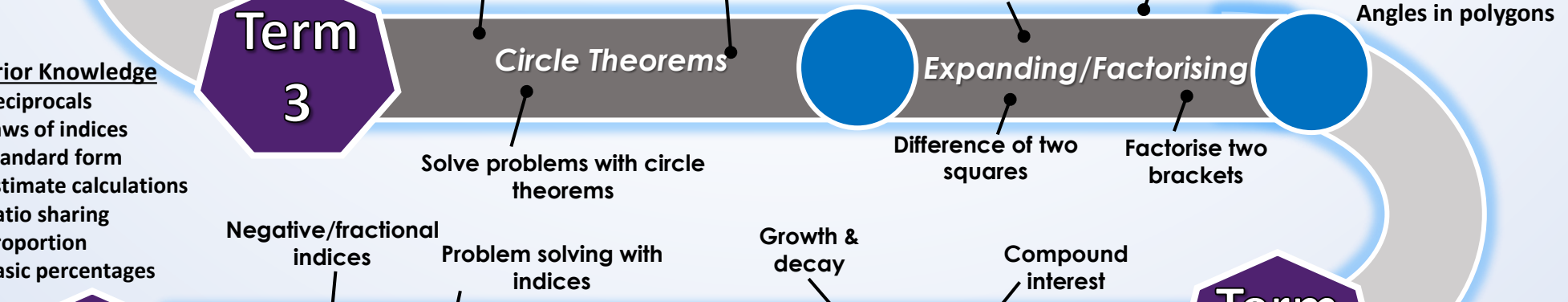
Prior Knowledge
 Frequency Polygons
 Pie Charts
 Scatter graphs
 Averages
 Probability

Prior Knowledge
 Congruent shapes
 Basic transformations
 Ratio
 Squares & roots
 Pythagoras Theorem



Prior Knowledge
 Expand/factorise
 Simplify expressions
 Negative numbers
 Angles in parallel lines
 Angles in polygons

Prior Knowledge
 Reciprocals
 Laws of indices
 Standard form
 Estimate calculations
 Ratio sharing
 Proportion
 Basic percentages



Term 1