

Year 9 Foundation Mathematics Journey



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

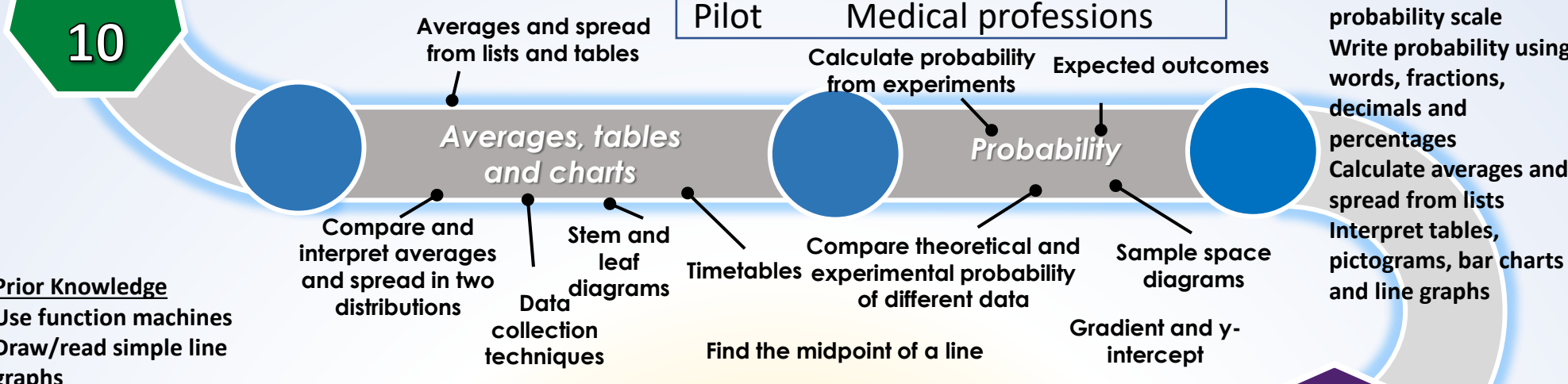
Career's linked to year 9 topics

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

Year 10

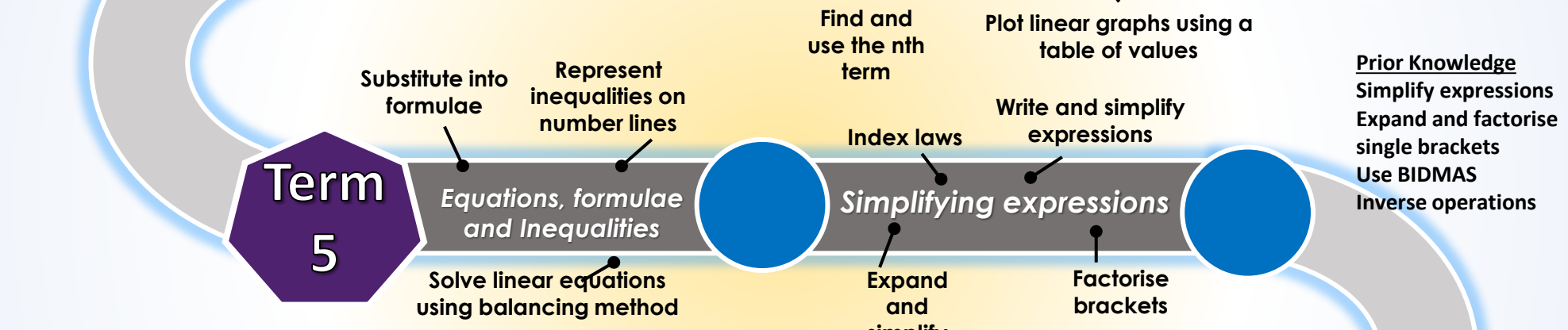
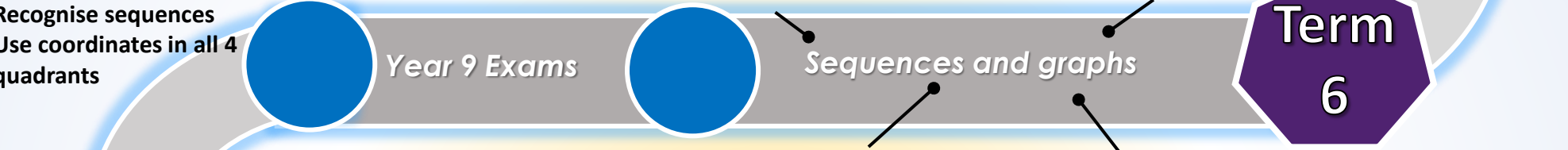
Prior Knowledge
Use function machines
Draw/read simple line graphs
Recognise sequences
Use coordinates in all 4 quadrants

Prior Knowledge
Mark events on a probability scale
Write probability using words, fractions, decimals and percentages
Calculate averages and spread from lists
Interpret tables, pictograms, bar charts and line graphs

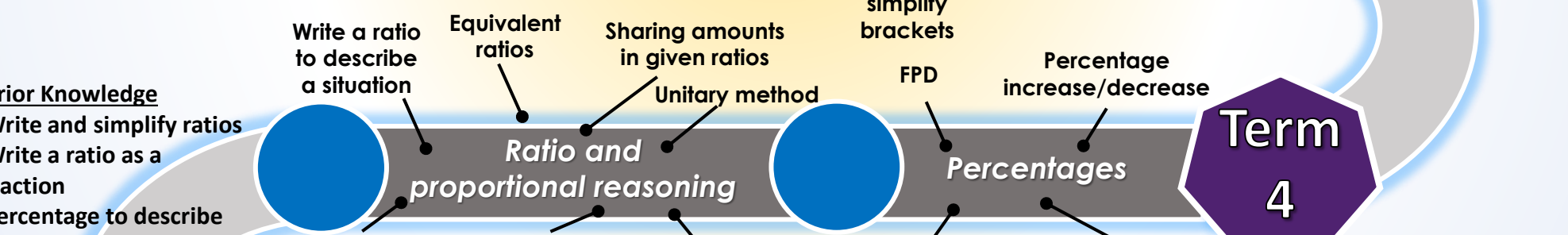


Year 9 Exams

Term 6

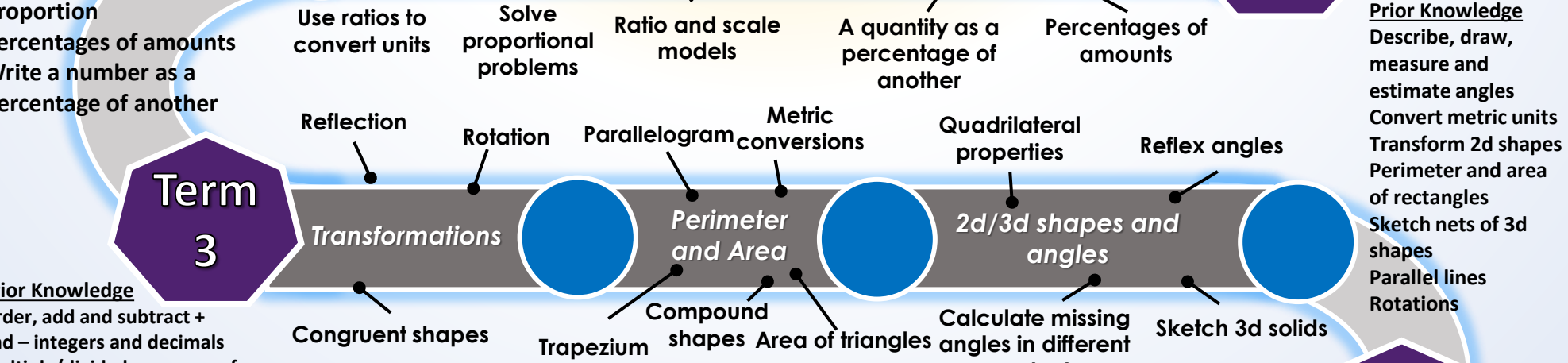


Prior Knowledge
Simplify expressions
Expand and factorise single brackets
Use BIDMAS
Inverse operations

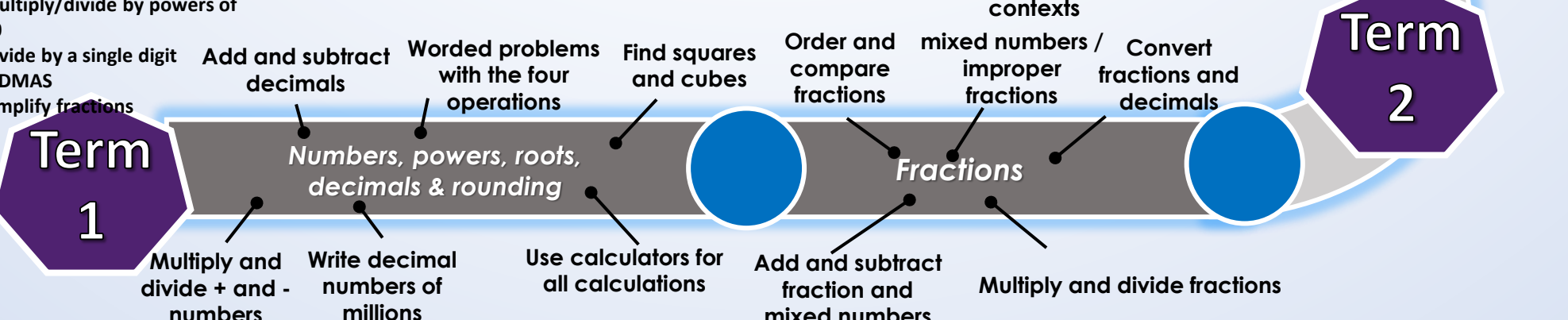


Prior Knowledge
Write and simplify ratios
Write a ratio as a fraction
Percentage to describe proportion
Percentages of amounts
Write a number as a percentage of another

Prior Knowledge
Describe, draw, measure and estimate angles
Convert metric units
Transform 2d shapes
Perimeter and area of rectangles
Sketch nets of 3d shapes
Parallel lines
Rotations



Prior Knowledge
Order, add and subtract + and - integers and decimals
Multiply/divide by powers of 10
Divide by a single digit
BIDMAS
Simplify fractions



Term 1

Term 2