Year 9 – Spring term learning program

Depending on your current level of maths some students may need to review year 7 and 8 lessons first.

More able students should complete additional lessons within each topic to extend themselves.

Lesson Number	Subject – Geometry and measures	Complete	Score
	Topic - **Translations**		
172	Translations		
	Topic - **Reflection**		
174	Reflecting shapes in the x and y axis		
175	Reflecting shapes in the line y=5 x=6		
176	Reflecting shapes in the line y=x		
	Topic - **Rotation**		
177	Rotation about a centre part 1		
178	Rotation about a centre part 2		
	Topic - **Enlargements**		
181	Enlarging shapes		
183	Enlargement with a centre of enlargement		
	Topic - **Bearings**		
152	Rules of bearings		
153	Introduction to bearings Part 1		
154	Introduction to bearings Part 2		
	Topic - **Loci and Constructions**		
98	Perpendicular Bisector		
99	Perpendicular line from a point on a line		
100	Perpendicular line from a point to a line		
101	Angle bisector		
	## Subject –Statistics and probability		
	Topic - **Averages**		
3	Calculating the mean of grouped continuous data		
5	Calculating the mean of grouped discrete data		
	Topic - **Finding the median**		
12	Finding the Median of Grouped Data		
	Topic - **Scatter Graphs**		
18	Types of correlation		
19	Plotting scatter graphs		
	Topic - **Frequency Polygons**		
40	Plotting frequency polygons		
	Topic - **Venn Diagrams**		
44	Introduction to Venn diagrams and key words		
45	Set notation exam style question		
46	Shading Venn Diagrams A ∩ B & A U B		