KS3 Learning Journey
Core – Year 9 Learning Cycle 1

Please watch the video on www.corbettmaths.com for each topic.

Topics	Video number
Non-calc FDP	
Convert between fractions, decimals and percentages.	130
Convert recurring decimals to fractions.	96
Multiply fractions and mixed numbers.	142
Identify reciprocals and recognise the reciprocal graph.	145
Divide fractions and mixed numbers.	134
Calculate with all four operations and the order of operations.	211
Multiply decimals & solve problems involving money.	94
Find a fraction and percentage of an amount.	137, 234
Calculate a percentage change.	233
Solve reverse fraction and percentage problems.	240
Write one number as a percentage of another.	237
Linear Graphs and Gradient	
Plot graphs of linear functions with positive and negative gradients, including those defined implicitly and parallel to the axes.	191, 192, 193
Identify points on the line, including the x and y intercepts of an equation.	187
Calculate the gradient of line segments and lines on co-ordinate grids.	189, 190
Determine the equation of a line, recognising the gradient and intercept.	194
Interpret the gradient and intercept of a straight line in context.	198a