

## Stage 5 Maths Expectations – Greater Depth

Have a concept of numbers well beyond 1,000,000 and their relative association to distances to planets; historical data and geographical aspects	Divide whole numbers (up to 4 digits) by 2-digit numbers, using preferred method	Use rounding as a strategy for quickly assessing what approximate answers ought to be before calculating	Link working across zero for positive and negative numbers to work time between BC and AD in history	
Recognise the symbol for square root ( $\sqrt{\quad}$ ) and work out square roots for numbers up to 100	Calculate number problems algebraically, eg, $2x - 3 = 5$	Use knowledge of measurement to create plans of areas around school, such as classroom, field, outside play area, etc.	Relate imperial measures still used regularly in our society to their metric equivalents, e.g., miles to Km and lbs to Kg	
Use a range of timetables to work out journey times on a fictional journey around the world, eg, how long would it take to reach the rainforests in the Amazon	Collect own data on personal project and present information in formats of their choosing, charts, graphs and tables			
Start of Autumn	Data Capture 1	Data Capture 2	Data Capture 3	End of Summer