KS3 Learning Journey
Core – Year 7 Learning Cycle 3

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

Topics	Video number
Indices Part 2	
Calculate roots with integer and decimal answers.	
Estimate square roots.	228
Roots of negative and fractional numbers. (E)	
Use the order of operations correctly and know how to use a calculator with indices, roots, fractions and negatives	211
Intro to algebra	
Recognise like terms. Add and subtract terms to simplify expressions.	9
Multiply variables, using index notation and the laws of indices.	18
Multiply and divide fractions involving variables. (E)	23
Use all four operations with variables.	
Substitute positive and negative numbers into expressions.	20
Solve equations involving one or two steps.	110
Measures Part 1	
Estimate the answer to calculations & identify error intervals of rounded measurements.	215, 377
Work with large and small numbers and measures written in standard form	300
Estimate metric lengths & heights.	
Convert between metric units for length.	349a