KS3 Learning Journey
Core – Year 7 Learning Cycle 2

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

Topics	Video number
Fractions	
Recognising that 1 whole is made up of a number of equal parts.	143
Convert between mixed numbers and improper fractions.	140
Find a fraction of an amount.	137
Solve reverse fraction problems.	
Identify equivalent fractions & simplify fractions.	135, 146
Convert between fractions and decimals using equivalent fractions, short division & place value.	127
Add and subtract fractions with like or unlike denominators.	132, 133
Multiply fractions, identify reciprocals and divide fractions.	134, 142, 145
Use all four operations with fractions and mixed numbers. (E)	
Calculate fluently with fractions, decimals and negatives.	
Indices	
Use index notation with positive, negative, fractional and decimal bases.	172
Recognise and use zero and negative indices.	175
Use the multiplication and power laws of indices.	174
Use the division and power laws of indices.	174