KS3 Learning Journey
Core – Year 7 Learning Cycle 1

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

Topics	Video number
Place Value	
Writing numbers in figures, up to the millions.	363
Converting between fractions and decimals using the place value structure.	123, 127
Recognising different types of decimals and using recurring decimal dot notation.	
Using inequality symbols to order and compare decimals and fractions using place value.	176, 95
Rounding to the nearest integer or a given number of decimal places.	276, 278
Rounding integers and decimals to a given number of significant figures	279a
For additional challenge, consider writing numbers in base 5. (E)	
Calculations	
Using the column method to add and subtract with decimals	6
Using short division to convert fractions to decimals	98
Multiplying and dividing by 10,100,1000.	202
Multiplying & dividing by 0.1,0.01 (E)	
Multiplying decimals using related calculations	
The effect of dividing by 0.5, 0.1, 0.01 and 0	99
The effect of changing either divisor or dividend in a calculation	
Using strategies such as factorising and regrouping to aid fast calculation (E)	
Negatives	
Place negative numbers in order of size	208
Calculate simple additions and subtractions by considering journeys along the number line	205
Add or subtract a negative number	205
Multiply and divide with negative numbers	206, 207
Mixed practice calculating with all four operations	
Add, subtract, multiply and divide with negative decimals (E)	