

KS3 Learning Journey
Core – Year 8 Learning Cycle 3

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

Topics	Video number
Equations Part 2	
Solve equations involving two steps.	110
Set up and solve two step equations in the context of solving angles problems.	115
Solve equations involving multiple steps, division, roots, brackets and collecting like terms.	110
Set up and solve equations involving these operations in the context of area, perimeter, angles and number problems.	114
Solve equations where the variable appears on both sides of the equals sign.	113
Set up and solve double sided equations.	
Number theory & sequences	
Recognise factors of a number.	216
Identify whether numbers are prime or composite.	225
Write a number as a product of its prime factors.	223
Find the highest common factor of a pair of numbers.	224
Recognise multiples, factors, squares, cubes and primes.	212, 220, 226
Find the lowest common multiple of a pair of numbers.	218
Use divisibility tests to identify whether a number is a multiple for 2,3,4,5,6,8 or 9. Identify sets of real and imaginary numbers. (E)	
Recognise expressions that result in odd numbers, even number or multiples of a number.	286
Identify and use the term to term rules for arithmetic, geometric and fibonacci style sequences.	287a
Generate sequences from an nth term rule.	288
Find the nth term rule for an arithmetic sequence.	288
Determine whether a particular number will appear in a sequence.	