KS3 Learning Journey
Core – Year 8 Learning Cycle 1

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

Topics	Video number
Expressions	
Simplify expressions by collecting like terms.	9
Multiply expressions using index notation and the laws of indices.	17, 18
Simplify algebraic fractions and divide terms.	11, 24
Simplify expressions using all four operations.	
Use all four operations with variables and the order of operations to write expressions with and without context.	
Multiply a term over a bracket.	13
Factorise an expression into a single bracket.	117
Multiply out brackets and simplify. (E)	14
Write expressions for area. (E)	
Multiply two or three brackets together. (E)	14, 15
Angles	
Describe angles using three letter codes.	
Recognise types of angles and the notation for equal angles.	38
Calculate angles on straight lines and adjacent angles around a full turn.	30, 35
Identify corresponding, alternate and co-interior angles.	25
Find missing angles around parallel lines.	
Recognise types of triangles and calculate the missing angles in triangles	37
Calculate missing angles in quadrilaterals.	33
Reason geometrically to solve multi-step problems.	