

Unit A2 Algebraic manipulation		Year 7 Road Map				
In this unit you will learn about Sequences S: Support C: Core E: Extension						
S/N	Differentiation	Learning Goals/Outcomes/Content	Dr Frost Video	R 	A 	G 
1	S	Write an expression from statements and vice versa (A3.2)	134			
2	S	Distinguish between terms and expressions (A3.2,	190a			
3	S C E	Simplify algebraic expressions by collecting like terms (A3.2, A4.2)	193			
4	S C E	Multiply together two simple algebraic expressions, e.g., $2a \times 3b$; (A4.2)	191			
5	S C E	Expand single brackets. E.g. $5(x + 3)$ (A3.2, A4.2, A5.2)	252a – 252g			
6	S C E	Form algebraic expressions to represent the area, perimeter, volume and surface area of shapes (A3.2)	198a 198b			
7	C E	Expand simple brackets and simplify the outcome (A4.2, A5.2)	252h – 252i			
8	E	Factorise simple algebraic expressions	253			
9	E	Expand the product of two linear brackets.	299			
10	S C E	Solve a variety of problems involving algebraic manipulations				

Student's comments or questions