

Year 7

Half Term 5: Applications of algebra





What will I be working on this half term?

1. Carry out combined calculations using all four operations
2. Represent unknowns with letters forming and manipulating algebra
3. Evaluate algebraic expressions through substitution

PINS 1	
PINS 2	





Pre-learning assessment score (%)			
Part 1	Part 2	Part 3	Part 4

UNIT 17 Order of operations





	MM/4Boosters: Formulae, Equations: order of operations	
	MM/5boosters: Mental & written methods: order of operations	
	MM:D2C: Sequences, formulae: Order of operations	
	Nrich: what numbers can we make	

Post learning assessment

UNIT 18 Introduction to algebra

	MM/A: Sequences: Generating sequences	
	MM/A: Sequences: Recognising sequences	
	MM/A: Sequences: Simplifying I	
	Nrich: Pebbles	
	Nrich: Days and dates	

UNIT 19 Algebraic generalisation

	MM: Middle school: Algebra: Introduction to algebra	
	MM: Middle school: Algebra: Introduction to algebra	
	MM: Middle school: Algebra: Function machines	
	Nrich: Mind reading	
	Nrich: Think of two numbers	

Peer assessment	
Self assessment	