

Subject:	Mathematics	Year group:	7
Topic:	Number 1, Algebra 1, Geometry 1	Sequence:	Term 1a
Prior learning: (What previous learning will the new learning in this unit build upon?)		Next learning: (What learning comes next and builds upon this unit?)	
KS2 place value, four operations, basic fractions, simple shapes and angles, informal pattern recognition		FDP 1 (fractions and decimals), Stats & Probability 1, Algebra 2 (expressions and equations), Geometry 2	
Learning objectives: (In chronological order)	Duration: (How long it usually takes to secure each learning objective)	Homework: (Activities to consolidate learning outside the classroom)	Specific vocabulary: (Subject specific terms relating to each learning objective)
Understand place value in integers and decimals	2 Weeks	1 Topic Themed Nugget + 1 Smart Nugget each week	place value, integer, decimal, digit
Compare and order numbers using inequality symbols			greater than, less than, number line
Represent numbers on a number line			number line, interval
Identify multiples and recognise number patterns			multiple
Recognise and continue sequences	2 Weeks	1 Topic Themed Nugget + 1 Smart Nugget each week	sequence, term
Describe patterns and rules in words			pattern, rule
Generate sequences using rules			term, rule
Use function machines (input/output)			function machine, input, output
Write simple algebraic expressions			expression
Identify and name basic 2D shapes	2 Weeks	1 Topic Themed Nugget + 1 Smart Nugget each week	triangle, quadrilateral
Understand angles as turns			angle, turn
Measure and draw angles accurately			measure, degrees
Identify properties of shapes			line segment, vertex
Apply geometry knowledge to simple problems			properties