Quality of Education: *Curriculum is planned and sequenced so that new **knowledge** and **skills** build on what has been taught before and towards its clearly defined end points.*

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SUBJECT: Sequences	**CURRICULUM PROGRESSION PATHWAYS**			**CL: Miss Z. Bradshaw**			
Year 7	**Year 8**	**Year 9**	**Year 10**	**Year 11**	KS5 (Level 3) A-level Mathematics/Core Mathematics	Further Education and training	Careers
NP2 Continuing sequences with addition/subtraction NP3 Times tables as number sequences, comparing other sequences to times tables (as precursor to nth term), continuing geometric sequences NP4 Geometric sequences of powers of 2, 3, 4, 5, 10 NP6 Sequences with negative numbers NP7 Sequences with fractions	NP3 Times tables as number sequences, comparing other sequences to times tables (as precursor to nth term), continuing geometric sequences NP4 Geometric sequences of powers of 2, 3, 4, 5, 10 NP6 Sequences with negative numbers NP7 Sequences with fractions	A7 Position-to-term (nth) term of a linear sequence; identifying linear, quadratic, geometric and Fibonacci sequences		A14 Quadratic sequences; recurrence relations	AS PURE Chapter 8: The Binomial Expansion A2 PURE Chapter 3: Sequences and Series A2 PURE Chapter4: Binomial Expansion	AS CORE PURE (FM) Chapter 3: Series A2 CORE PURE (FM) Chapter 2: Series (Higher Derivatives, Maclaurin Series and Series Expansions of Compound Function)	

Core knowledge and skills mapped across the curriculum

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Core knowledge and skills mapped across the curriculum