

Curriculum Map	Subject: Mathematics		
Theme / Area Covered	Unit 8 Pattern Sniffing		
	Age Related Targets – Year 7	Age Related Targets – Year 8	Age Related Targets – Year 9
Key Objectives / Learning Pathway Emerging	Recognise and describe a linear sequence Find the next term in a linear sequence Find a missing term in a linear sequence	Generate a linear sequence from its worded description Solve problems involving linear sequences	Recognise simple arithmetic sequences Use a term-to-term rule to generate a linear sequence Use a term-to-term-term rule to generate a non-linear sequence. Find the nth Term of a linear sequence.
Key Objectives / Learning Pathway Developing	Generate a linear sequence from its worded description Solve problems involving linear sequences	Recognise simple arithmetic sequences Use a term-to-term rule to generate a linear sequence Use a term-to-term-term rule to generate a non-linear sequence. Find the nth Term of a linear sequence.	Generate terms of a sequence from a position-to-term rule. Find the nth term of an ascending linear sequence Find the nth term of a descending linear sequence. Use the nth term of a sequence to deduce if a given number is in a sequence.
Key Objectives / Learning Pathway Securing	Recognise simple arithmetic sequences Use a term-to-term rule to generate a linear sequence Use a term-to-term-term rule to generate a non-linear sequence	Generate terms of a sequence from a position-to-term rule Find the nth term of an ascending linear sequence Find the nth term of a descending linear sequence Use the nth term of a sequence to deduce if a given number is in a sequence	Continue Fibonacci and geometric sequences given the common ratio (no surds). Use the nth term to generate a quadratic sequence, including triangular numbers.
Key Objectives / Learning Pathway Excelling	Generate terms of a sequence from a position-to-term rule Find the nth term of an ascending linear sequence Find the nth term of a descending linear sequence Use the nth term of a sequence to deduce if a given number is in a sequence	Continue Fibonacci and geometric sequences given the common ratio (no surds). Use the nth term to generate a quadratic sequence, including triangular numbers.	