

Subject	Maths
Unit/Topic	Year 7 – Algebraic Thinking - Sequences

Key Vocabulary	Definition
Sequence	A list of numbers or objects in a special order. Example: 3, 5, 7, 9, ... is a sequence starting at 3 and increasing by 2 each time.
Term	A number or algebraic expression that represents a value
Position	Where something is located
Rule	A set of instructions that tells you how to calculate a particular output
Ascending	Arranged from smallest to largest.
Descending	Arranged from largest to smallest.
Arithmetic	A sequence made by adding the same value each time.
Geometric	A sequence made by multiplying by the same value each time.
Linear	A sequence of numbers that have a constant difference (same as an arithmetic sequence)
Non-linear	Sequences that do not increase by a constant amount. They include quadratic sequences, geometric progressions and Fibonacci type sequences.
Fibonacci Sequence	A special sequence where the next number is found by adding up the two numbers before it; 0, 1, 1, 2, 3, 5, 8, 13, 21, 34, ...