

Assessment Grid Spring Term Half Term 2				
Subject: Maths		Year: 7		
Starting point:	Foundation	Intermediate	Higher	Exceptional
Outstanding	Consistently achieving all criteria assigned to next starting point →	Consistently achieving all criteria assigned to next starting point →	Consistently achieving all criteria assigned to next starting point →	
Above	Achieving all criteria for 'Expected' as well as 1-2 criteria assigned to Intermediate.	Achieving all criteria for 'Expected' as well as 1-2 criteria assigned to Higher.	Achieving all criteria for 'Expected' as well as 1-2 criteria assigned to Exceptional.	
Expected Students must be secure in all of the criteria to be awarded 'Expected' .	KNOWLEDGE Describe a sequence Predict and check the next term of a sequence Find the output of a single function machine given a numerical input Use inverse operations to find the input given the output.	Represent sequences in tabular and graphical forms Continue linear and non-linear sequences Use diagrams and letters to generalise number operations and with single function machines. Find the function machine given a single expression. Substitute values into single operation expressions. Find numerical inputs and outputs for a series of two function machines. Use diagrams and letters with a series of two function machines Find the function machines given a two-step expression	Recognise the difference between linear and non-linear sequences Explain the term-to-term rule of numerical sequences in words Find missing numbers within sequences Substitute values into two-step expressions. Generate sequences given an algebraic rule. Represent one- and two-step functions graphically.	Find the nth term rule of linear sequences Substitute any value into two-step expressions. Generate sequences given an any algebraic rule. Represent any one- and two-step functions graphically.
	SKILLS Applies knowledge to solve simple problems involving sequences Applies knowledge to solve simple problems involving function machines	Applies knowledge to solve problems involving sequences Applies knowledge to solve problems involving function machines Applies knowledge to solve simple problems involving substitution into expressions	Applies knowledge to solve complex problems involving sequences Applies knowledge to solve complex problems involving function machines Applies knowledge to solve complex problems involving substitution into expressions	Applies knowledge to solve complex and abstract problems involving sequences Applies knowledge to solve complex and abstract problems involving substitution into expressions and function machines
Working towards	Not yet secure enough to fulfil all criteria assigned to 'Expected' .	Not yet secure enough to fulfil all criteria assigned to 'Expected' .	Not yet secure enough to fulfil all criteria assigned to 'Expected' .	Not yet secure enough to fulfil all criteria assigned to 'Expected' .