

SPRING TERM Brackets, Equations and Inequalities	From algebraic expressions	Sparx	😊/😐/😞
	Use directed number with algebra		
	Multiply out a single bracket		
	Factorise into a single bracket		
	Expand multiply single brackets and simplify		
	Expand a pair of binomials		
	Solve equations, including with brackets		
	Form and solve equations with brackets		
	Form and solve equations with brackets		
	Understand and solve simple inequalities		
	Form and solve inequalities		
	Solve equations and inequalities with unknowns on both sides		
	Form and solve equations and inequalities		
	Identify and use formulae, expressions etc.		
	Sequences	Generate sequences given a rule in words	
Generate sequences given a simple algebraic rule			
Generate sequences given a complex algebraic rule			
Find the nth tem of a linear sequence			
Indices	Adding and subtracting expressions with indices		
	Simplifying algebraic expressions by multiplying indices		
	Simplifying algebraic expressions by dividing indices		
	Using the addition law for indices		
	Using the addition and subtraction law for indices		
	Exploring powers of powers		
Fractions and Percentages	Convert fluently between key FD&P		
	Calculate key FD&P of amount without calculator		
	Calculate FD&P of amount with calculator		
	Convert between decimals and percentage > 100%		
	Percentage decrease with a multiplier		
	Calculate percentage increase / decrease with multiplier		
	Express one number as a fraction / % of another (non-calculator)		
	Express one number as a fraction / % of another (calc)		
	Work with percentage change		
	Choose appropriate methods to solve percentage problems		
	Find the original amount given percentage < 100%		
	Find the original amount given percentage > 100%		
	Solve complex percentage problems		
	Standard Form	Investigate positive powers of 10	
Work with numbers > 1 in standard form			
Investigate negative powers of 10			

	Work with numbers 0 - 1 in standard form		
	Compare and order numbers in standard form		
	Mentally calculate with numbers in standard form		
	Add and subtract numbers in standard form		
	Multiply and divide numbers in standard form		
	Use calculator to work with numbers in standard form		
	Understand and use negative indices		
	Understand and use fractional indices		