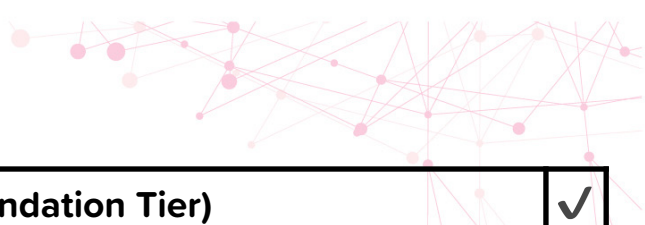




Core Skills (Topics only assessed at Foundation Tier)				✓
Number	Arithmetic	Four operations	MF3.03, MF3.13	
	Fractions	Fraction of an amount	MF4.30, MF4.29	
		One amount as a fraction of another	MF4.04	
		Equivalent fractions	MF4.03	
	Properties	Factors	MF5.06	
		Lowest Common Multiple	MF5.07, MF5.14, MF5.15	
	Powers and roots	Square root	MF12.05	
	Approximation and estimation	Rounding	MF9.01, MF9.04, MF9.08, MF9.09	
Other	Calculator use	MF3.18		
Algebra	Manipulation	Simplification	MF17.11, MF17.05, MF18.06	
		Expansion of bracket	MF18.04, MF18.05	
		Factorisation	MF18.08, MF18.09, MF18.16, MF18.17	
	Equations and inequalities	Linear equation	MF19.14, MF19.15, MF19.16, MF19.17	
		Form an equation	MF19.18, MF19.19	
Ratio, proportion and rates of change	Sequences	Linear sequence	MF22.06, MF22.08, MF22.09	
	Conversion	Compound units	MF38.08, MF38.17	
		Scale drawing	MF39.10	
	Percentages	Percentage to fraction	MF8.12	
		One quantity as a percentage of another	MF11.13	
Proportion	Direct proportion	MF16.03, MF16.05, MF16.09		
Geometry and measures	Shape	Triangle properties	MF26.08	
		Quadrilaterals	MF26.09, MF29.03	
		Triangular prism	MF26.10	
	Angles	Angle properties of parallel lines	MF27.12	
		Angles in a triangle	MF28.04	
		Vertically opposite angles	MF27.07	
		Bearings	MF39.09	
Length, area and volume	Area of a triangle	MF31.05		
Probability	Probability	Probability scale	MF46.02	
		Probability	MF46.03	
Statistics	Measures	Median and Range	MF49.09, MF49.19	
	Population	Comparison of distributions	MF49.21	



<b>Crossover (Topics assessed at both Higher and Foundation Tier)</b>				✓
Number	Arithmetic	Negative number	MF2.05, MF2.06, MF2.07, MF3.06	
Algebra	Manipulation	Substitute values	MF17.15, MF17.16, MF21.02	
		Change subject of a formula	MF21.07, MF21.08, MF21.09, MF21.10	
		Forming an expression	MF17.02	
Ratio, proportion and rates of change	Conversion	Time	MF37.08	
	Percentages	Percentage decrease	MF11.03	
		Reverse percentage	MF11.11	
	Ratio	Write as a ratio	MF15.16	
1 : n form		MF15.03		
Geometry and measures	Compound Measures	Average speed	MF38.21	
	Length, area and volume	Area of a trapezium	MF31.07	
	Pythagoras's Theorem and Trigonometry	Pythagoras's Theorem	MF44.06, MF44.07	
Statistics	Diagrams	Frequency polygon	MF50.17	



Advanced Skills (Topics only assessed at Higher Tier)				✓
Number	Properties	Laws of indices	MF17.11, MF13.07	
	Approximation and estimation	Bounds	MF9.09, MH9.24, MH9.20	
	Other	Product rule for counting	MH46.18	
Algebra	Manipulation	Simplification	MF17.05	
		Expansion of bracket	MF18.06	
		Difference of two squares	MF18.17	
		Expansion of brackets	MH18.18, MH18.19	
		Algebraic fractions	MH54.04, MH54.07, MH54.09, MH54.11	
	Equations and inequalities	Set up and solve equation	MF19.19	
		Simultaneous equations linear/quadratic	MF19.24, MF19.25, MF19.26, MH20.14	
Graphs	Gradient of a straight line graph	MF23.09, MF23.13, MF23.15		
Ratio, proportion and rates of change	Percentages	Depreciation	MF11.08, MF11.05	
	Ratio	Share in a ratio	MF15.17	
	Proportion	Direct proportion	MH16.14	
	Growth and decay	General iterative processes	MH11.16, MH19.29	
Geometry and measures	Angles	Circle theorems	MH57.09, MH57.11	
	Length, area and volume	Similar triangles	MF43.06, MH43.08	
	Pythagoras's Theorem and Trigonometry	Trigonometry	MF45.06, MF45.08	
		Trigonometry in 3-D	MH59.05	
	Vectors	Column vectors	MF41.03	
Probability	Probability	Dependent combined events	MF46.17, MH46.21, MH46.25	
Statistics	Diagrams	Histogram	MH61.07, MH61.12	