

February 2025 PPEs  
Paper 2

Paper 1		Sparx Code
Topic		
Grade 1	Converting between fractions, decimals and percentages	U888
	Special sequences	U680
	Converting units of length, mass and capacity	U388
	Finding the lowest common multiple (LCM)	U751
	Adding and subtracting integers	U417
	Multiplying and dividing with place value, Adding and subtracting integers	U735, U417
	Estimating and measuring	U102
	Understanding, measuring and drawing angles	U447
	Understanding, measuring and drawing angles	U447
	Reading and plotting coordinates	U789
	Reading and plotting coordinates	U789
	Calculating midpoints	U933
	Drawing bar charts	U363
	Interpreting bar charts	U557
	Grades 2-3	Converting between ratios, fractions and percentages
Writing and simplifying ratios		U687
Reflection		U799
Plotting horizontal, vertical and diagonal lines		M797
Interpreting frequency tables and two-way tables		U981
Interpreting frequency tables and two-way tables		U981
Using the correct order of operations		U976
Function machines with numbers		M175
Function machines with numbers		M175
Finding the volume of cubes and cuboids		U786
Finding the surface area of cubes and cuboids		U929
Factorising into one bracket		U365
Solving equations with two or more steps		U325
Constructing and solving linear simultaneous equations		U137
Grades 4-5		Sharing amounts in a given ratio
	Using a written method to divide with decimals	U868
	Mutually exclusive events, Expected results from repeated experiments	U683, U166
	Expected results from repeated experiments	U166
	Adding and subtracting mixed numbers	U793
	Dividing with mixed numbers	U538
	Angles on parallel lines, Angles in triangles	U826, U628
	Estimating calculations, Calculating with speed	U225, U151
	Estimating calculations	U225
	Angles in polygons, Constructing and solving quadratic equations	U427, U150
	Using and finding equations of linear real-life graphs	U862
	Changing the subjects of formulae with two or more steps	U181
	Factorising to solve quadratic equations of the form $x^2+bx+c=0$	U228

Paper 2		Sparx Code	
Topic			
Grade 1	Converting between fractions, decimals and percentages	U888	
	Reading, converting and calculating with time	U902	
	Understanding and ordering decimals	U435	
	Line and shape properties	U121	
	Ordering negative numbers	U947	
	Using equivalent ratios to find unknown amounts	U753	
	Calculating the mean	U291	
	Calculating the range	U526	
	Writing probabilities as fractions	U408	
	Calculating with roots and powers	U851	
	Dividing numbers into equal groups	M462	
	Writing and simplifying ratios	U687	
	Grades 2-3	Finding the area and perimeter of simple shapes	U993
		Using algebraic notation	U613
		Simplifying expressions by collecting like terms	U105
Finding percentages of amounts with a calculator		U349	
Angles on a line and about a point, Angles in triangles		U390, U628	
Interpreting distance-time graphs		U914	
Plotting distance-time graphs		U403	
Drawing and interpreting scale diagrams		U257	
Writing probabilities as fractions, Ordering fractions		U408, U746	
Percentage change with a calculator		U671	
Finding original values in percentage calculations		U286	
Grades 4-5		Enlargement by a positive scale factor	U519
		Factorising into one bracket	U365
		Reading and drawing inequalities on number lines	U509
		Using a calculator	U926
	Interpreting scatter graphs	U277	
	Using lines of best fit	U128	
	Using lines of best fit	U128	
	Currency conversion	U610	
	Using set notation, Venn diagrams with set notation	U296, U748	
	Plotting graphs of quadratic functions	U989	
	Plotting graphs of quadratic functions	U989	
	Finding the percentage an amount has been changed by	U278	
	Constructing and solving equations, Applying Pythagoras' theorem in 2D	U599, U828	
	Multiplying and dividing numbers in standard form	U264	
	Finding the volume of cylinders, Calculating with density	U915, U910	

Paper 3		Sparx Code	
Topic			
Grade 1	Understanding and ordering integers	U600	
	Finding fractions of amounts with a calculator	U916	
	Finding factors and using divisibility tests	U211	
	Ordering negative numbers	U947	
	Using a calculator	U926	
	Simplifying expressions by collecting like terms, Solving equations with one step	U105, U755	
	Solving equations with one step	U755	
	Solving equations with one step	U755	
	Line and shape properties	U121	
	Line and shape properties	U121	
	Using a calculator	U926	
	Using a calculator	U926	
	Finding fractions of amounts, Finding percentages of amounts	U916, U349	
	Grades 2-3	Reading, converting and calculating with time	U902
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Reading, converting and calculating with time		U902	
Using and finding equations of linear real-life graphs		U862	
Using and finding equations of linear real-life graphs		U862	
Using algebraic notation		U613	
Finding the volume of cubes and cuboids		U786	
Calculating with rates		U256	
Finding averages from frequency tables		U569	
Finding averages from frequency tables		U569	
Prime factor decomposition		U739	
Finding the highest common factor (HCF)		U529	
Grades 4-5		Drawing and interpreting frequency polygons	U840
		Using standard form with positive indices	U330
		Using standard form with negative indices	U534
	Constructing bisectors of angles	U787	
	Tree diagrams for independent events	U558	
	Tree diagrams for independent events	U558	
	Share amounts in a ratio, Find the percentage an amount has been changed by	U577, U278	
	Interpreting stem-and-leaf diagrams	U909	
	Finding error intervals for truncated numbers	U301	
	Finding unknown sides in right-angled triangles	U283	
	Simplifying expressions using index laws	U662	
	Simplifying expressions using index laws	U662	
	Compound interest calculations	U332	
	Finding the equations of straight line graphs	U315	