February 2025 PPEs

Paper 1

	Topic	Sparx Code
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	U176
	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	U577
	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

	Topic	Sparx Code
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

	Topic	Sparx Code
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
	Reading, converting and calculating with time	U902
	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