

Term	Topic	Unit	Topics	Topic Code	Building blocks	Topic Code
Terms 1 and 2	Fractions and percentages	Fractions, decimals and percentages review	Converting between fractions, decimals and percentages	U888	Finding equivalent fractions	U704
			Ordering fractions, decimals and percentages	U594	Ordering fractions	U746
			Finding fractions of amounts without a calculator	U881	Multiplying fractions	U475
			Finding fractions of amounts with a calculator	U916		
			Finding percentages of amounts without a calculator	U554		
			Finding percentages of amounts with a calculator	U349		
		Percentage change	Percentage change without a calculator	U773	Finding percentages of amounts without a calculator	U554
			Percentage change with a calculator	U671	Finding percentages of amounts with a calculator	U349
			Finding original values in percentage calculations	U286		
			Finding the percentage an amount has been changed by	U278		
	Simple interest calculations	U533				
	Probability	Theoretical and experimental probability	Expected results from repeated experiments	U166	Writing probabilities as fractions, decimals and percentages	U510
			Calculating experimental probabilities	U580	Probabilities of mutually exclusive events	U683
			Frequency trees	U280	Finding fractions of amounts	U881
					Finding percentages of amounts	U916
	Standard form	Calculations with standard form	Multiplying and dividing numbers in standard form	U264	Using standard form with positive indices	U330
			Adding and subtracting numbers in standard form	U290	Using standard form with negative indices	U534
			Standard form with a calculator	U161	Index rules with positive indices	U235
					Index rules with negative indices	U694
	Inequalities	Linear inequalities	Solving inequalities with the unknown on both sides	U738	Reading and drawing inequalities on number lines	U509
Solving double inequalities			U145	Solving single inequalities	U759	
Constructing and solving inequalities			U337			
Quadratic equations	Factorising and solving quadratic equations	Factorising quadratic equations of the form x^2+bx+c	U178	Expanding double brackets	U768	
		Factorising the difference of two squares	U963	Factorising into one bracket	U365	
		Factorising to solve quadratic equations of the form $x^2+bx+c=0$	U228			
Formulae	Rearranging formulae	Changing the subjects of formulae with one step	U675	Solving equations with two or more steps	U325	
		Changing the subjects of formulae with two or more steps	U181	Solving equations with the variable on both sides	U870	
Constructions	Constructing bisectors and perpendicular	Constructing bisectors of angles	U787	Using a ruler	M985	
		Constructing perpendicular bisectors and lines	U245	Using a pair of compasses	M196	
Circles	Circles and cylinders	Finding the arc length of sectors	U221	Identifying parts of circles	U767	
		Finding the area of sectors	U373	Finding the circumference of circles	U604	
		Finding the surface area of cylinders	U464	Finding the area of circles	U950	
		Finding the volume of cylinders	U915	Finding the surface area of prisms	U259	
				Finding the volume of prisms	U174	

Terms 3 and 4	Term	Topic	Unit	Topics	Topic Code	Building blocks	Topic Code
		Rounding	Error intervals	Finding error intervals Truncating decimals Finding error intervals for truncated numbers	U657 U108 U301	Rounding integers Rounding decimals Rounding integers using significant figures Rounding decimals using significant figures	U480 U298 U731 U965
		3D shapes	Representations of 3D shapes	Plans and elevations	U743	Properties of 3D shapes	U719
		Pythagoras' theorem	Pythagoras' theorem in 2D	Using Pythagoras' theorem in 2D Applying Pythagoras' theorem in 2D	U385 U828	Calculating with roots and powers Solving equations with two or more steps	U851 U325
		Ratio and proportion	Ratio	Writing and simplifying ratios Sharing amounts in a given ratio	U687 U577	Finding the highest common factor	U529
			Proportion word problems	Solving direct proportion word problems Solving inverse proportion word problems Currency conversion	U721 U357 U610	Operations with money	U659
		Linear graphs	Plotting graphs and finding equations	Plotting straight line graphs Finding equations of straight line graphs Interpreting equations of straight line graphs	U741 U315 U669	Reading and plotting coordinates Plotting horizontal, vertical and diagonal lines Plotting straight line graphs	U789 M797 M932
		Compound measures	Speed and rates	Calculating with speed Calculating with rates	U151 U256	Substituting into formulae Solving equations with two or more steps Changing the subjects of formulae with two or more steps Reading, converting and calculating with time Converting units of length, mass and capacity	U585 U144 U325 U505 U181 U902 U388
		Motion-time graphs	Distance-time graphs	Plotting distance-time graphs Interpreting distance-time graphs Calculating speed from distance-time graphs Plotting distance-time graphs using speeds	U403 U914 U462 U966	Calculating with speed Finding equations of straight line graphs	U151 U315
	Term	Topic	Unit	Topics	Topic Code	Building blocks	Topic Code
		Quadratic graphs	Plotting and interpreting quadratic graphs	Plotting graphs of quadratic functions Interpreting graphs of quadratic functions Sketching quadratic graphs Solving quadratic equations graphically	U989 U667 U310 U601	Substituting into algebraic formulae Plotting straight line graphs Factorising to solve quadratic equations of the form $x^2+bx+c=0$	U585 U741 U228
				Combining angle facts Angles on parallel lines	U655 U826	Angles on a line and about a point Vertically opposite angles	U390 U730

Terms 5 and 6

	Angles and bearings	Angles	Using quadrilateral properties to find angles Angles in polygons	U329 U427	Angles in triangles Angles in quadrilaterals Line and shape properties	U628 U732 U121
		Bearings	Measuring and drawing bearings Calculating bearings	U525 U107	Understanding, measuring and drawing angles Combining angle facts Angles on parallel lines	U447 U655 U826
	Transformations	Transforming shapes	Translation Reflection Rotation Enlargement by a positive scale factor Mixed transformations	U196 U799 U696 U519 M881	Translation Reflection	M139 M290
	Similarity and congruence	Similarity	Understanding similarity Finding unknown sides in similar shapes	U551 U578	Solving direct proportion word problems	U721
		Congruence	Understanding congruence Congruent triangles Constructing triangles	U790 U866 U187		
	Handling data and statistical diagrams	Scatter graphs	Plotting scatter graphs Interpreting scatter graphs Using lines of best fit	U199 U277 U128	Reading and plotting coordinates Finding equations of straight line graphs	U789 U315
		Collecting and presenting data	Types of data Presenting data and making conclusions Comparing populations using diagrams Choosing suitable averages and solving problems	U322 U571 U520 U717	Averages and range Interpreting graphs and charts	U526 U456 U260 U291 U557
		Grouped data	Interpreting frequency tables with grouped data Finding averages from grouped data Drawing and interpreting frequency polygons	U312 U877 U840	Interpreting frequency tables and two-way tables Finding averages from frequency tables	U981 U569
	Vectors	Column vectors	Understanding column vectors Adding and subtracting column vectors Multiplying column vectors by a scalar Identifying parallel vectors	U632 U903 U564 U660		