Strand	Substrand	Topic	Code	Levels	Higher
Number	Place value	Using number lines	U922	1	
Number	Place value	Understanding and ordering integers	U600	1	
Number	Place value	Understanding and ordering decimals	U435	1, 2, 3	
Number	Operations	Adding and subtracting integers	U417	1, 2	
Number	Operations	Adding and subtracting decimals	U478	1, 2, 3, 4, 5	
Number	Operations	Multiplying and dividing with place value	U735	1, 2, 3	
Number	Operations	Using a written method to multiply integers	U127	1, 2, 3, 4, 5	
Number	Operations	Using a written method to multiply decimals	U293	1, 2, 3, 4, 5	
Number	Operations	Using a written method to divide integers	U453	1, 2	
Number	Operations	Using a written method to divide with decimals	U868	1, 2, 3, 4, 5	
Number	Negative numbers	Ordering negative numbers	U947	1, 2, 3	
Number	Negative numbers	Adding and subtracting with negative numbers	U742	1, 2, 3, 4, 5	
Number	Negative numbers	Multiplying and dividing with negative numbers	U548	1, 2, 3, 4, 5	
Number	Roots and powers	Calculating with roots and powers	U851	1, 2, 3, 4, 5	
Number	Roots and powers	Estimating roots and powers	U299	3, 4, 5	Higher Only
Number	Roots and powers	Indices of the form $\frac{1}{a}$	U985	3, 4, 5	Higher Only
Number	Roots and powers	Indices of the form $\frac{a}{b}$	U772	3, 4, 5	Higher Only
Number	The order of operations	Using the correct order of operations	U976	1, 2, 3, 4, 5	
Number	Number skills	Using a calculator	U926	1, 2, 3, 4, 5	
Number	Index rules	Index rules with positive indices	U235	1, 2, 3, 4, 5	
Number	Index rules	Index rules with negative indices	U694	1, 2, 3, 4, 5	
Number	Standard form	Using standard form with positive indices	U330	1, 2, 3, 4, 5	
Number	Standard form	Using standard form with negative indices	U534	1, 2, 3, 4, 5	
Number	Standard form	Multiplying and dividing numbers in standard form	U264	1, 2, 3, 4, 5	
Number	Standard form	Adding and subtracting numbers in standard form	U290	1, 2, 3, 4, 5	
Number	Standard form	Standard form with a calculator	U161	1, 2, 3, 4, 5	
Number	Rounding	Rounding integers	U480	1, 2, 3, 4	
Number	Rounding	Rounding decimals	U298	1, 2, 3, 4, 5	
Number	Rounding	Rounding integers using significant figures	U731	1, 2, 3, 4	
Number	Rounding	Rounding decimals using significant figures	U965	1, 2, 3, 4, 5	
Number	Rounding	Estimating calculations	U225	1, 2, 3, 4, 5	
Number	Rounding	Finding error intervals	U657	1, 2, 3, 4, 5	
Number	Rounding	Finding error intervals for calculations	U587	4, 5	Higher Only
Number	Rounding	Truncating decimals	U108	1, 2, 3, 4, 5	
Number	Rounding	Finding error intervals for truncated numbers	U301	1, 2, 3, 4, 5	

Strand	Substrand	Topic	Code	Levels	Higher
Number	Fractions and mixed numbers	Finding fractions of shapes	U679	1, 2	
Number	Fractions and mixed numbers	Constructing fractions	U163	1, 2	
Number	Fractions and mixed numbers	Finding equivalent fractions	U704	1, 2, 3	
Number	Fractions and mixed numbers	Simplifying fractions	U646	1, 2, 3	
Number	Fractions and mixed numbers	Ordering fractions	U746	1, 2, 3, 4	
Number	Fractions and mixed numbers	Adding and subtracting fractions	U736	1, 2, 3, 4	
Number	Fractions and mixed numbers	Converting between mixed numbers and improper fractions	U692	1, 2, 3, 4	
Number	Fractions and mixed numbers	Adding and subtracting mixed numbers	U793	1, 2, 3, 4	
Number	Fractions and mixed numbers	Ordering fractions and mixed numbers	U439	3, 4, 5	
Number	Fractions and mixed numbers	Multiplying fractions	U475	1, 2, 3, 4, 5	
Number	Fractions and mixed numbers	Multiplying with mixed numbers	U224	3, 4, 5	
Number	Fractions and mixed numbers	Dividing fractions	U544	1, 2, 3, 4, 5	
Number	Fractions and mixed numbers	Dividing with mixed numbers	U538	3, 4, 5	
Number	Fractions and mixed numbers	Problem solving: Fractions and mixed numbers	U874	3, 4, 5	
Number	Fractions, decimals and percentages	Converting between fractions, decimals and percentages	U888	1, 2, 3	
Number	Fractions, decimals and percentages	Ordering fractions, decimals and percentages	U594	1, 2, 3, 4, 5	
Number	Fractions, decimals and percentages	Converting fractions to recurring decimals	U550	3, 4, 5	Higher Only
Number	Fractions, decimals and percentages	Converting recurring decimals to fractions	U689	3, 4, 5	Higher Only
Number	Fractions, decimals and percentages	Writing numbers as percentages of other numbers	U925	1, 2, 3, 4, 5	
Number	Fractions and percentages of amounts	Finding fractions of amounts without a calculator	U881	1, 2, 3, 4, 5	
Number	Fractions and percentages of amounts	Finding fractions of amounts with a calculator	U916	1, 2, 3	
Number	Fractions and percentages of amounts	Finding percentages of amounts without a calculator	U554	1, 2, 3, 4, 5	
Number	Fractions and percentages of amounts	Finding percentages of amounts with a calculator	U349	1, 2, 3	
Number	Percentage change	Percentage change without a calculator	U773	1, 2, 3, 4, 5	
Number	Percentage change	Percentage change with a calculator	U671	1, 2, 3, 4	
Number	Percentage change	Finding original values in percentage calculations	U286	1, 2, 3, 4, 5	
Number	Percentage change	Finding the percentage an amount has been changed by	U278	2, 3, 4, 5	
Number	Percentage change	Simple interest calculations	U533	1, 2, 3, 4, 5	
Number	Percentage change	Compound interest calculations	U332	1, 2, 3, 4, 5	
Number	Percentage change	Growth and decay	U988	1, 2, 3, 4, 5	
Number	Factors, multiples and primes	Finding factors and using divisibility tests	U211	1, 2	
Number	Factors, multiples and primes	Finding the lowest common multiple (LCM)	U751	1, 2, 3, 4, 5	
Number	Factors, multiples and primes	Finding the highest common factor (HCF)	U529	1, 2, 3, 4, 5	
Number	Factors, multiples and primes	Finding prime numbers	U236	1, 2	

Strand	Substrand	Topic	Code	Levels	Higher
Number	Factors, multiples and primes	Prime factor decomposition	U739	1, 2, 3, 4, 5	
Number	Factors, multiples and primes	Finding the HCF and LCM using prime factor decomposition	U250	1, 2, 3, 4, 5	
Number	Surds	Multiplying and dividing surds	U633	3, 4	Higher Only
Number	Surds	Simplifying surds	U338	3, 4, 5	Higher Only
Number	Surds	Adding and subtracting surds	U872	3, 4, 5	Higher Only
Number	Surds	Expanding brackets with surds	U499	4, 5	Higher Only
Number	Surds	Rationalising denominators containing a single term	U707	4, 5	Higher Only
Number	Surds	Rationalising denominators containing two terms	U281	5	Higher Only
Algebra	Algebraic notation	Using algebraic notation	U613	1, 2, 3, 4, 5	
Algebra	Substituting into expressions and formulae	Substituting into expressions	U201	1	
Algebra	Substituting into expressions and formulae	Substituting into algebraic formulae	U585	1, 2, 3, 4, 5	
Algebra	Substituting into expressions and formulae	Substituting into real-life formulae	U144	1, 2, 3, 4, 5	
Algebra	Simplifying expressions	Simplifying expressions by collecting like terms	U105	1, 2, 3, 4, 5	
Algebra	Simplifying expressions	Simplifying expressions using index laws	U662	1, 2, 3, 4, 5	
Algebra	Brackets	Expanding single brackets	U179	1, 2, 3, 4, 5	
Algebra	Brackets	Expanding double brackets	U768	2, 3, 4, 5	
Algebra	Brackets	Expanding triple brackets	U606	4, 5	Higher Only
Algebra	Brackets	Factorising into one bracket	U365	1, 2, 3, 4, 5	
Algebra	Brackets	Factorising quadratic expressions of the form x^2+bx+c	U178	1, 2, 3, 4, 5	
Algebra	Brackets	Factorising quadratic expressions of the form ax^2+bx+c	U858	3, 4, 5	Higher Only
Algebra	Brackets	Factorising the difference of two squares	U963	3	
Algebra	Brackets	Completing the square	U397	4, 5	Higher Only
Algebra	Algebraic fractions	Simplifying algebraic fractions by cancelling common factors	U103	2, 3, 4	
Algebra	Algebraic fractions	Simplifying algebraic fractions by factorising into one bracket	U437	3, 4, 5	Higher Only
Algebra	Algebraic fractions	Simplifying algebraic fractions by factorising into two brackets	U294	3, 4, 5	Higher Only
Algebra	Algebraic fractions	Adding and subtracting algebraic fractions	U685	3, 4, 5	Higher Only
Algebra	Algebraic fractions	Multiplying algebraic fractions	U457	3, 4	Higher Only
Algebra	Algebraic fractions	Dividing algebraic fractions	U824	3, 4, 5	Higher Only
Algebra	Rearranging formulae	Changing the subjects of formulae	U556	1, 2, 3, 4, 5	
Algebra	Solving equations	Solving equations with one step	U755	1, 2	
Algebra	Solving equations	Solving equations with two or more steps	U325	1, 2, 3, 4, 5	
Algebra	Solving equations	Solving equations with the variable on both sides	U870	1, 2, 3, 4, 5	
Algebra	Solving equations	Solving equations with the variable in the denominator	U505	3, 4, 5	
Algebra	Solving equations	Constructing and solving equations	U599	1, 2, 3, 4, 5	

Strand	Substrand	Topic	Code	Levels	Higher
Algebra	Inequalities	Reading and drawing inequalities on number lines	U509	1, 2	
Algebra	Inequalities	Solving single inequalities	U759	1, 2, 3, 4	
Algebra	Inequalities	Solving inequalities with the variable on both sides	U738	1, 2, 3, 4, 5	
Algebra	Inequalities	Solving double inequalities	U145	3, 4, 5	
Algebra	Inequalities	Constructing and solving inequalities	U337	1, 2, 3, 4, 5	
Algebra	Inequalities	Graphs of inequalities	U747	3, 4, 5	Higher Only
Algebra	Inequalities	Solving quadratic inequalities	U133	4, 5	Higher Only
Algebra	Solving quadratic equations	Factorising to solve quadratic equations of the form $x^2+bx+c=0$	U228	1, 2, 3	
Algebra	Solving quadratic equations	Factorising to solve quadratic equations of the form $ax^2+bx+c=0$	U960	3, 4, 5	Higher Only
Algebra	Solving quadratic equations	Solving quadratic equations by completing the square	U589	4, 5	Higher Only
Algebra	Solving quadratic equations	Solving quadratic equations using the quadratic formula	U665	3, 4, 5	Higher Only
Algebra	Solving quadratic equations	Constructing and solving quadratic equations	U150	4, 5	Higher Only
Algebra	Solving quadratic equations	Solving quadratic equations graphically	U601	1, 2, 3, 4, 5	
Algebra	Simultaneous equations	Solving simultaneous equations using elimination	U760	1, 2, 3, 4, 5	
Algebra	Simultaneous equations	Solving simultaneous equations using substitution	U757	1, 2, 3, 4, 5	
Algebra	Simultaneous equations	Solving simultaneous equations involving quadratics	U547	4, 5	Higher Only
Algebra	Simultaneous equations	Solving simultaneous equations graphically	U836	1, 2, 3, 4, 5	
Algebra	Simultaneous equations	Solving simultaneous equations involving quadratics graphically	U875	3, 4, 5	Higher Only
Algebra	Simultaneous equations	Constructing and solving simultaneous equations	U137	2, 3, 4, 5	
Algebra	Iteration	Substituting into iterative formulae	U434	4, 5	Higher Only
Algebra	Iteration	Finding approximate solutions to equations using iteration	U168	4, 5	Higher Only
Algebra	Sequences	Term-to-term rules	U213	1, 2, 3, 4	
Algebra	Sequences	Substituting into position-to-term rules	U530	1, 2, 3	
Algebra	Sequences	Position-to-term rules for arithmetic sequences	U498	1, 2, 3, 4, 5	
Algebra	Sequences	Position-to-term rules for sequences of patterns	U978	1, 2, 3, 4, 5	
Algebra	Sequences	Position-to-term rules for quadratic sequences	U206	3, 4, 5	Higher Only
Algebra	Sequences	Special sequences	U680	1, 2, 3, 4, 5	
Algebra	Sequences	Position-to-term rules for geometric sequences	U958	2, 3, 4, 5	
Algebra	Sequences	Using recurrence relations	U171	4, 5	Higher Only
Algebra	Functions	Substituting into functions	U637	1, 2, 3	
Algebra	Functions	Substituting into composite functions	U895	3, 4, 5	Higher Only
Algebra	Functions	Finding composite functions	U448	4, 5	Higher Only
Algebra	Functions	Finding inverse functions	U996	5	Higher Only
Algebra	Graphs and coordinates	Reading and plotting coordinates	U789	1, 2, 3	

Strand	Substrand	Topic	Code	Levels	Higher
Algebra	Graphs and coordinates	Calculating midpoints	U933	1, 2, 3, 4, 5	
Algebra	Graphs and coordinates	Solving shape problems involving coordinates	U889	2, 3, 4, 5	
Algebra	Graphs and coordinates	Plotting straight line graphs	U741	1, 2, 3, 4, 5	
Algebra	Graphs and coordinates	Finding equations of straight line graphs	U315	1, 2, 3, 4, 5	
Algebra	Graphs and coordinates	Interpreting equations of straight line graphs	U669	1, 2, 3, 4, 5	
Algebra	Graphs and coordinates	Finding the equation of a straight line from its gradient and a point	U477	3, 4, 5	
Algebra	Graphs and coordinates	Finding the equation of a straight line from two points on the line	U848	3, 4, 5	
Algebra	Graphs and coordinates	Equations of parallel lines	U377	2, 3	
Algebra	Graphs and coordinates	Equations of parallel and perpendicular lines	U898	2, 3, 4, 5	Higher Only
Algebra	Non-linear graphs	Plotting graphs of quadratic functions	U989	1, 2, 3, 4, 5	
Algebra	Non-linear graphs	Interpreting graphs of quadratic functions	U667	2, 3, 4, 5	
Algebra	Non-linear graphs	Finding the turning point of a quadratic graph by completing the square	U769	4, 5	Higher Only
Algebra	Non-linear graphs	Graphs of cubic functions	U980	2, 3, 4, 5	
Algebra	Non-linear graphs	Graphs of reciprocal functions	U593	2, 3, 4, 5	
Algebra	Non-linear graphs	Graphs of exponential functions	U229	3, 4, 5	Higher Only
Algebra	Non-linear graphs	Translating graphs	U598	3, 4, 5	Higher Only
Algebra	Non-linear graphs	Reflecting graphs	U487	4, 5	Higher Only
Algebra	Non-linear graphs	Transforming graphs	U455	3, 4, 5	Higher Only
Algebra	Non-linear graphs	Estimating gradients of non-linear graphs using tangents	U800	4, 5	Higher Only
Algebra	Non-linear graphs	Estimating areas under non-linear graphs	U882	4, 5	Higher Only
Algebra	Non-linear graphs	Equations of circles and tangents	U567	4, 5	Higher Only
Algebra	Real-life graphs	Plotting linear real-life graphs	U652	1, 2, 3, 4, 5	
Algebra	Real-life graphs	Using and interpreting linear real-life graphs	U638	1, 2	
Algebra	Real-life graphs	Finding equations of linear real-life graphs	U862	1, 2, 3, 4, 5	
Algebra	Real-life graphs	Sketch graphs of water flows	U896	1, 2, 3, 4, 5	
Algebra	Motion-time graphs	Plotting distance-time graphs	U403	1, 2, 3	
Algebra	Motion-time graphs	Interpreting distance-time graphs	U914	1, 2, 3	
Algebra	Motion-time graphs	Calculating speed from distance-time graphs	U462	1, 2, 3, 4, 5	
Algebra	Motion-time graphs	Plotting distance-time graphs using speeds	U966	1, 2, 3, 4, 5	
Algebra	Motion-time graphs	Plotting velocity-time graphs	U937	3, 4, 5	
Algebra	Motion-time graphs	Calculating acceleration from velocity-time graphs	U562	4, 5	
Algebra	Motion-time graphs	Calculating distances from velocity-time graphs	U611	4, 5	Higher Only
Algebra	Algebraic proofs	Writing algebraic proofs	U582	3, 4, 5	Higher Only
Ratio, Proportion and Rates of Change	Time	Reading, converting and calculating with time	U902	1, 2	

Strand	Substrand	Topic	Code	Levels	Higher
Ratio, Proportion and Rates of Change	Measures	Estimating and measuring	U102	1, 2	
Ratio, Proportion and Rates of Change	Measures	Converting units of length, mass and capacity	U388	1, 2, 3, 4, 5	
Ratio, Proportion and Rates of Change	Measures	Converting units of area	U248	1, 2, 3	
Ratio, Proportion and Rates of Change	Measures	Converting units of volume	U468	1, 2, 3	
Ratio, Proportion and Rates of Change	Measures	Problem solving: Converting units of length, area and volume	U663	1, 2, 3, 4, 5	
Ratio, Proportion and Rates of Change	Measures	Using appropriate units	U497	1, 2	
Ratio, Proportion and Rates of Change	Compound measures	Calculating with speed	U151	1, 2, 3, 4, 5	
Ratio, Proportion and Rates of Change	Compound measures	Calculating with rates	U256	1, 2, 3, 4, 5	
Ratio, Proportion and Rates of Change	Compound measures	Calculating with density	U910	3, 4, 5	
Ratio, Proportion and Rates of Change	Compound measures	Calculating with pressure	U527	3, 4, 5	
Ratio, Proportion and Rates of Change	Compound measures	Mixed problems: Calculating density and pressure	U842	3, 4, 5	
Ratio, Proportion and Rates of Change	Ratio	Writing and simplifying ratios	U687	1, 2, 3	
Ratio, Proportion and Rates of Change	Ratio	Using equivalent ratios to find unknown amounts	U753	1, 2, 3, 4	
Ratio, Proportion and Rates of Change	Ratio	Converting between ratios, fractions and percentages	U176	1, 2, 3, 4	
Ratio, Proportion and Rates of Change	Ratio	Sharing amounts in a given ratio	U577	1, 2, 3, 4, 5	
Ratio, Proportion and Rates of Change	Ratio	Problem solving: Sharing amounts in a given ratio (Higher)	U595	4, 5	Higher Only
Ratio, Proportion and Rates of Change	Ratio	Combining ratios	U921	3, 4, 5	
Ratio, Proportion and Rates of Change	Ratio	Calculating with ratios and algebra	U676	4, 5	
Ratio, Proportion and Rates of Change	Ratio	Changing ratios	U865	5	
Ratio, Proportion and Rates of Change	Proportion	Solving direct proportion word problems	U721	1, 2, 3, 4, 5	
Ratio, Proportion and Rates of Change	Proportion	Solving inverse proportion word problems	U357	1, 2, 3, 4, 5	
Ratio, Proportion and Rates of Change	Proportion	Currency conversion	U610	3, 4, 5	
Ratio, Proportion and Rates of Change	Proportion	Interpreting direct proportion equations	U640	1, 2	
Ratio, Proportion and Rates of Change	Proportion	Constructing direct proportion equations	U407	3, 4, 5	Higher Only
Ratio, Proportion and Rates of Change	Proportion	Interpreting inverse proportion equations	U364	1, 2	
Ratio, Proportion and Rates of Change	Proportion	Constructing inverse proportion equations	U138	3, 4, 5	Higher Only
Ratio, Proportion and Rates of Change	Proportion	Graphs of direct and inverse proportion	U238	1, 2, 3, 4, 5	
Geometry	Area and perimeter	Mixed problems: Finding the area and perimeter of simple shapes	U993	1, 2	
Geometry	Area and perimeter	Finding the area of compound shapes	U970	1, 2, 3	
Geometry	Area and perimeter	Finding the perimeter of compound shapes	U351	1, 2, 3	
Geometry	Area and perimeter	Problem solving: Area and perimeter of rectangles and compound shapes	U226	1, 2	
Geometry	Area and perimeter	Problem solving: Area and perimeter of rectangles and compound shapes	U934	3, 4, 5	Higher Only
Geometry	Area and perimeter	Finding the area of triangles	U945	1, 2, 3	
Geometry	Area and perimeter	Finding the area of compound shapes containing triangles	U575	1, 2, 3, 4	

Strand	Substrand	Topic	Code	Levels	Higher
Geometry	Area and perimeter	Finding the area of parallelograms	U424	1, 2, 3	
Geometry	Area and perimeter	Finding the area of trapeziums	U265	1, 2, 3	
Geometry	Area and perimeter	Problem solving: Area of triangles, parallelograms and trapeziums (Fou	U343	1, 2, 3	
Geometry	Area and perimeter	Problem solving: Area of triangles, parallelograms and trapeziums (Hig	U904	4, 5	Higher Only
Geometry	Line and shape properties	Line and shape properties	U121	1, 2, 3, 4, 5	
Geometry	Line and shape properties	Symmetry	U849	1, 2	
Geometry	Line and shape properties	Properties of 3D shapes	U719	1, 2	
Geometry	Angles	Understanding, measuring and drawing angles	U447	1, 2, 3, 4, 5	
Geometry	Angles	Angles on a line and about a point	U390	1, 2, 3	
Geometry	Angles	Vertically opposite angles	U730	1, 2, 3	
Geometry	Angles	Angles in triangles	U628	1, 2, 3	
Geometry	Angles	Angles in quadrilaterals	U732	1, 2, 3	
Geometry	Angles	Combining angle facts	U655	1, 2, 3	
Geometry	Angles	Angles on parallel lines	U826	1, 2, 3, 4, 5	
Geometry	Angles	Using quadrilateral properties to find angles	U329	1, 2, 3, 4, 5	
Geometry	Angles	Angles in polygons	U427	1, 2, 3, 4, 5	
Geometry	Trigonometry	Understanding sin, cos and tan	U605	1, 2, 3, 4, 5	
Geometry	Trigonometry	Finding unknown sides in right-angled triangles	U283	1, 2, 3, 4, 5	
Geometry	Trigonometry	Finding unknown angles in right-angled triangles	U545	1, 2, 3, 4, 5	
Geometry	Trigonometry	Using the exact values of trigonometric ratios (Foundation)	U627	2	
Geometry	Trigonometry	Using the exact values of trigonometric ratios (Higher)	U319	3, 4, 5	Higher Only
Geometry	Trigonometry	Angles of elevation and depression	U967	3, 4, 5	
Geometry	Trigonometry	Trigonometry in 3D shapes	U170	4, 5	Higher Only
Geometry	Trigonometry	Calculating with trigonometry and bearings	U164	3, 4, 5	
Geometry	Trigonometry	Graphs of trigonometric functions	U450	4, 5	Higher Only
Geometry	Trigonometry	The sine rule	U952	4, 5	Higher Only
Geometry	Trigonometry	The cosine rule	U591	4, 5	Higher Only
Geometry	Trigonometry	The area rule	U592	4, 5	Higher Only
Geometry	Similarity and congruence	Understanding congruence	U790	1, 2	
Geometry	Similarity and congruence	Understanding similarity	U551	1, 2	
Geometry	Similarity and congruence	Mixed problems: Understanding similarity and congruence	U112	1, 2, 3, 4, 5	
Geometry	Similarity and congruence	Congruent triangles	U866	1, 2, 3, 4, 5	
Geometry	Similarity and congruence	Finding unknown sides in similar shapes	U578	1, 2, 3, 4, 5	
Geometry	Similarity and congruence	Finding the perimeter and area of similar shapes	U630	3, 4, 5	Higher Only

Strand	Substrand	Topic	Code	Levels	Higher
Geometry	Similarity and congruence	Finding the surface area and volume of similar shapes	U110	4, 5	Higher Only
Geometry	Circles	Identifying parts of circles	U767	1, 2, 3, 4, 5	
Geometry	Circles	Finding the circumference of circles	U604	1, 2, 3, 4, 5	
Geometry	Circles	Finding the area of circles	U950	1, 2, 3, 4, 5	
Geometry	Circles	Finding the arc length of sectors	U221	2, 3, 4, 5	
Geometry	Circles	Finding the area of sectors	U373	2, 3, 4, 5	
Geometry	Circle theorems	Angles subtended at the centre or circumference of a circle	U459	3, 4, 5	Higher Only
Geometry	Circle theorems	Angles in segments and cyclic quadrilaterals	U251	3, 4, 5	Higher Only
Geometry	Circle theorems	Circle theorems for chords and tangents	U489	3, 4, 5	Higher Only
Geometry	Circle theorems	Alternate segment theorem	U130	3, 4, 5	Higher Only
Geometry	Circle theorems	Mixed problems: Circle theorems	U808	3, 4, 5	Higher Only
Geometry	Circle theorems	Proving the circle theorems	U807	3, 4, 5	Higher Only
Geometry	Pythagoras' theorem	Using Pythagoras' theorem in 2D	U385	1, 2, 3, 4, 5	
Geometry	Pythagoras' theorem	Using Pythagoras' theorem in 3D	U541	3, 4, 5	Higher Only
Geometry	Nets, plans and elevations	Nets of 3D shapes	U761	1, 2, 3, 4, 5	
Geometry	Nets, plans and elevations	Plans and elevations	U743	1, 2, 3, 4, 5	
Geometry	Surface area	Finding the surface area of cubes and cuboids	U929	1, 2, 3, 4, 5	
Geometry	Surface area	Finding the surface area of prisms	U259	1, 2, 3	
Geometry	Surface area	Finding the surface area of pyramids	U871	2, 3	
Geometry	Surface area	Mixed problems: Finding the surface area of cuboids, prisms and pyra	U142	4, 5	
Geometry	Surface area	Finding the surface area of cylinders	U464	3, 4, 5	
Geometry	Surface area	Finding the surface area of cones	U523	2, 3	
Geometry	Surface area	Finding the surface area of spheres	U893	2, 3	
Geometry	Surface area	Mixed problems: Finding the surface area of cones and spheres	U771	4, 5	
Geometry	Surface area	Finding the surface area of frustums	U334	4, 5	
Geometry	Surface area	Finding the surface area of composite shapes	U561	3, 4, 5	
Geometry	Volume	Finding the volume of cubes and cuboids	U786	1, 2, 3, 4, 5	
Geometry	Volume	Finding the volume of prisms	U174	1, 2, 3, 4, 5	
Geometry	Volume	Finding the volume of pyramids	U484	2, 3, 4, 5	
Geometry	Volume	Finding the volume of cylinders	U915	1, 2, 3, 4, 5	
Geometry	Volume	Finding the volume of cones	U116	2, 3	
Geometry	Volume	Finding the volume of spheres	U617	2, 3	
Geometry	Volume	Mixed problems: Finding the volume of cones and spheres	U426	2, 3, 4, 5	
Geometry	Volume	Finding the volume of frustums	U350	4, 5	

Strand	Substrand	Topic	Code	Levels	Higher
Geometry	Volume	Finding the volume of composite shapes	U543	3, 4, 5	
Geometry	Vectors	Understanding column vectors	U632	1, 2, 3, 4, 5	
Geometry	Vectors	Adding and subtracting column vectors	U903	1, 2	
Geometry	Vectors	Multiplying column vectors by a scalar	U564	1, 2, 3, 4, 5	
Geometry	Vectors	Solving geometric problems using vectors	U781	2, 3, 4, 5	
Geometry	Vectors	Identifying parallel vectors	U660	1, 2, 3	
Geometry	Transformations	Translation	U196	1, 2, 3, 4, 5	
Geometry	Transformations	Reflection	U799	1, 2, 3, 4, 5	
Geometry	Transformations	Rotation	U696	1, 2, 3, 4, 5	
Geometry	Transformations	Enlargement by a positive scale factor	U519	1, 2	
Geometry	Transformations	Enlargement by a positive or negative scale factor	U134	3, 4, 5	Higher Only
Geometry	Transformations	Combining transformations	U766	1, 2, 3, 4, 5	
Geometry	Constructions and loci	Using a pair of compasses	U678	1, 2, 3, 4, 5	
Geometry	Constructions and loci	Constructing triangles	U187	1, 2, 3, 4, 5	
Geometry	Constructions and loci	Constructing bisectors of angles	U787	1, 2	
Geometry	Constructions and loci	Constructing perpendicular bisectors and lines	U245	1, 2	
Geometry	Constructions and loci	Mixed problems: Constructing bisectors and perpendicular lines	U979	3, 4, 5	
Geometry	Constructions and loci	Constructing loci	U820	1, 2, 3, 4, 5	
Geometry	Scale diagrams	Drawing and interpreting scale diagrams	U257	1, 2, 3, 4, 5	
Geometry	Maps and bearings	Measuring and drawing bearings	U525	1, 2, 3, 4, 5	
Geometry	Maps and bearings	Calculating bearings	U107	1, 2, 3, 4, 5	
Geometry	Geometric proofs	Geometric proofs with angle facts	U471	3, 4, 5	
Geometry	Geometric proofs	Geometric proofs with congruence and similarity	U887	3, 4, 5	
Geometry	Geometric proofs	Geometric proofs with vectors	U560	4, 5	Higher Only
Probability	Theoretical probability	Using probability phrases	U803	1, 2, 3	
Probability	Theoretical probability	Writing probabilities as fractions	U408	1, 2, 3	
Probability	Theoretical probability	Writing probabilities as fractions, decimals and percentages	U510	1, 2, 3	
Probability	Theoretical probability	Probabilities of mutually exclusive events	U683	1, 2, 3, 4, 5	
Probability	Theoretical probability	Expected results from repeated experiments	U166	1, 2, 3, 4, 5	
Probability	Theoretical probability	Sample space diagrams	U104	1, 2, 3, 4, 5	
Probability	Theoretical probability	Venn diagrams	U476	1, 2, 3, 4, 5	
Probability	Theoretical probability	Venn diagrams with set notation	U748	1, 2, 3, 4, 5	
Probability	Theoretical probability	Using set notation	U296	2, 3, 4, 5	
Probability	Theoretical probability	Frequency trees	U280	1, 2, 3, 4, 5	

Strand	Substrand	Topic	Code	Levels	Higher
Probability	Theoretical probability	Tree diagrams for independent events	U558	1, 2, 3, 4, 5	
Probability	Theoretical probability	Tree diagrams for dependent events	U729	2, 3, 4, 5	
Probability	Experimental probability	Experimental probabilities	U580	1, 2, 3, 4, 5	
Probability	Counting outcomes	Using the product rule for counting	U369	4, 5	Higher Only
Probability	Conditional probability	Conditional probabilities from tables	U246	4, 5	Higher Only
Probability	Conditional probability	Conditional probabilities from Venn diagrams	U699	4, 5	Higher Only
Probability	Conditional probability	Using the conditional probability formula	U821	5	Higher Only
Probability	Conditional probability	Conditional probabilities from tree diagrams	U806	5	Higher Only
Statistics	Averages and range	Calculating the range	U526	1, 2	
Statistics	Averages and range	Calculating the median	U456	1, 2	
Statistics	Averages and range	Finding the mode	U260	1	
Statistics	Averages and range	Calculating the mean	U291	1, 2, 3	
Statistics	Averages and range	Finding averages from frequency tables	U569	1, 2, 3, 4, 5	
Statistics	Averages and range	Finding averages from diagrams	U854	1, 2, 3, 4, 5	
Statistics	Averages and range	Finding averages from grouped data	U877	2, 3, 4, 5	
Statistics	Averages and range	Choosing suitable averages and solving problems	U717	1, 2, 3, 4, 5	
Statistics	Frequency tables	Interpreting frequency tables and two-way tables	U981	1, 2	
Statistics	Frequency tables	Interpreting frequency tables with grouped data	U312	1, 2, 3, 4, 5	
Statistics	Tally charts and pictograms	Drawing and interpreting tally charts	U653	1	
Statistics	Tally charts and pictograms	Drawing and interpreting pictograms	U506	1	
Statistics	Bar charts	Drawing bar charts	U363	1, 2	
Statistics	Bar charts	Interpreting bar charts	U557	1, 2, 3	
Statistics	Pie charts	Drawing pie charts	U508	1, 2, 3, 4, 5	
Statistics	Pie charts	Interpreting pie charts	U172	1, 2, 3, 4, 5	
Statistics	Line graphs	Drawing line graphs	U590	1, 2, 3	
Statistics	Line graphs	Interpreting line graphs	U193	1, 2, 3	
Statistics	Scatter graphs	Plotting scatter graphs	U199	1, 2, 3, 4, 5	
Statistics	Scatter graphs	Interpreting scatter graphs	U277	1, 2, 3, 4, 5	
Statistics	Scatter graphs	Using lines of best fit	U128	1, 2, 3, 4, 5	
Statistics	Stem-and-leaf diagrams	Drawing stem-and-leaf diagrams	U200	1, 2, 3, 4, 5	
Statistics	Stem-and-leaf diagrams	Interpreting stem-and-leaf diagrams	U909	1, 2, 3, 4, 5	
Statistics	Histograms	Drawing histograms with equal class widths	U185	1, 2, 3, 4, 5	Higher Only
Statistics	Histograms	Drawing histograms with unequal class widths	U814	3, 4, 5	Higher Only
Statistics	Histograms	Interpreting histograms	U983	4, 5	Higher Only

Strand	Substrand	Topic	Code	Levels	Higher
Statistics	Histograms	Calculating averages from histograms	U267	4, 5	Higher Only
Statistics	Frequency polygons	Drawing and interpreting frequency polygons	U840	2, 3, 4, 5	
Statistics	Cumulative frequency graphs	Drawing cumulative frequency graphs	U182	3, 4, 5	Higher Only
Statistics	Cumulative frequency graphs	Interpreting cumulative frequency graphs	U642	4, 5	Higher Only
Statistics	Box plots	Drawing box plots	U879	3, 4, 5	Higher Only
Statistics	Box plots	Interpreting box plots	U837	4, 5	Higher Only
Statistics	Box plots	Comparing populations using box plots and cumulative frequency grap	U507	4, 5	Higher Only
Statistics	Collecting and presenting data	Types of data	U322	1, 2, 3, 4, 5	
Statistics	Collecting and presenting data	Designing and using questionnaires	U911	1, 2	
Statistics	Collecting and presenting data	Collecting and recording data using tables	U120	1, 2	
Statistics	Collecting and presenting data	Presenting data and making conclusions	U571	1, 2, 3	
Statistics	Collecting and presenting data	Comparing populations using diagrams	U520	1, 2, 3, 4, 5	
Statistics	Collecting and presenting data	Sampling	U162	1, 2, 3, 4, 5	
Statistics	Collecting and presenting data	Capture-recapture	U328	3, 4, 5	Higher Only