

FOUNDATION			HIGHER				
Unit	Title		Unit	Title			
1	a	Integers and place value	6	1	a	Calculations, checking and rounding	7
	b	Decimals	5		b	Indices, roots, reciprocals and hierarchy of operations	8
	c	Indices, powers and roots	7		c	Factors, multiples and primes	6
	d	Factors, multiples and primes	6		d	Standard form and surds	6
2	a	Algebra: the basics	8	2	a	Algebra: the basics	8
	b	Expanding and factorising single brackets	6		b	Setting up, rearranging and solving equations	8
	c	Expressions and substitution into formulae	7		c	Sequences	6
3	a	Tables	7	3	a	Averages and range	7
	b	Charts and graphs	7		b	Representing and interpreting data	8
	c	Pie charts	4		c	Scatter graphs	5
	d	Scatter graphs	6	4	a	Fractions	8
4	a	Fractions	7		b	Percentages	8
	b	Fractions, decimals and percentages	4		c	Ratio and proportion	8
4	c	Percentages	7	5	a	Polygons, angles and parallel lines	8
	5	a	Statistics and questionnaires		4	b	Pythagoras' Theorem and trigonometry
b		The averages	6	6	a	Graphs: the basics and real-life graphs	7
6	a	Angles, lines and symmetry	5		b	Linear graphs and coordinate geometry	10
	b	Polygons and parallel lines	11		c	Quadratic, cubic and other graphs	8
	c	Interior and exterior angles of polygons	6	7	a	Perimeter, area and 3D forms	8
7	a	Equations	7		b	Circles, cylinders, cones and spheres	8
	b	Inequalities	5		c	Accuracy and bounds	6
	c	Sequences	7	8	a	Transformations	8
8	a	Perimeter and area	10		b	Constructions, loci and bearings	8
	b	3D forms and volume	6	9	a	Solving quadratic and simultaneous equations	8
9	a	Real-life graphs	9		b	Inequalities	6
	b	Straight-line graphs	6	10	Probability	10	

10	a	Transformations I: rotations and translations	6	11	Multiplicative reasoning	8	
	b	Transformations II: reflections and enlargements	8	12	Similarity and congruence in 2D and 3D	8	
11	a	Ratio	6	13	a	Graphs of trigonometric functions	6
	b	Proportion	6		b	Further trigonometry	10
12		Right-angled triangles: Pythagoras and trigonometry	6	14	a	Collecting data	6
13	a	Probability I	5		b	Cumulative frequency, box plots and histograms	7
	b	Probability II	9	15		Quadratics, expanding more than two brackets, sketching graphs, graphs of circles, cubes and quadratics	8
14		Multiplicative reasoning	7	16	a	Circle theorems	7
15	a	Plans, elevations and nets	6		b	Circle geometry	6
	b	Constructions, loci and bearings	10	17		Changing the subject of formulae (more complex), algebraic fractions, solving equations arising from algebraic fractions, rationalising surds, proof	8
16	a	Quadratic equations: expanding and factorising	5	18		Vectors and geometric proof	10
	b	Quadratic equations: graphs	4	19	a	Reciprocal and exponential graphs; Gradient and area under graphs	8
17		Circles, cylinders, cones and spheres	7		b	Direct and inverse proportion	8
18	a	Fractions and reciprocals	5	<p>The number after each topic is the time spent teaching it in hours</p>			
	b	Indices and standard form	6				
19	a	Similarity and congruence in 2D	7				
	b	Vectors	7				
20		Rearranging equations, graphs of cubic and reciprocal functions and simultaneous equations	5				