		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 10	Торіс	Indices:	Angle Geometry:	Trigonometry:	Mensuration:	Data Handling:	Fractions and
		Students develop	Students to build on	Student to cover	Students to cover	Students to cover	Percentages:
		their understanding	their understanding	Pythagoras Theorem,	nets, area and	the more advance	Students to recap
		of index notation,	of basic angles on a	using trigonometry to	compound area of	data handling topics	their knowledge of
		indices, prime	straight line, around	find missing sides and	simple shapes, area	including sampling	fractions, decimals
		factorisation and	triangles, parallel	angles in right angled	and circumference	and histograms.	and percentages,
		standard form.	lines, building up to	triangles, exact trig	of circles, volume		fraction addition,
			angle in polygons	values and extend into	and surface area of	Data Analysis:	subtraction,
		Formula:	and circle theorems.	the sine and cosine	prisms and	Students to study	multiplication and
		Students learn to		rule.	cylinders, density	data analysis	division, also
		form formulae,		Number Systems:	and pressure	including mean from	percentage
		substitute, change	Probability:	Students to revise	calculations and	frequency tables,	increase/decrease,
		the subject of	Students to	decimal places,	area of sectors and	mean, mode and	compound interest
		formula, factorising	understand simple	significant figures,	segments.	range of grouped	and reverse
		and expanding,	probability, sample	estimation and extend		data, cumulative	percentage
		algebraic	spaces, mutually	knowledge into	Exam question	frequency and box	problems.
		manipulation and	exclusive events,	recurring decimals,	practice through the	plots.	
		algebraic fractions	relative frequency,	error intervals and	Very Important		Exam question
			create probability	upper and lower	Questions booklet.	Further Equations:	practice through the
		Equations:	trees and using	bound calculations.		Student to continue	Very Important
		Students further	Venn diagrams.			their study of	Questions booklet.
		develop their solving		Exam question		algebra from term 1	
		equation skills, more	Data Handling:	practice through the		and build on their	
		complex factorising	Students to revise	Very Important		knowledge of	
		and expanding and	the more basic data	Questions booklet.		simultaneous	
		solving simultaneous	handling			equations, algebraic	
		equations.	representation			fractions, solving	
			including			quadratics both by	
		Exam question	pictograms, bar			factorising and with	
		practice through the	chart, line graphs,				

	Very Important	pie charts and			the quadratic	
	Questions booklet.	frequency polygons.			formula.	
		Exam question practice through the			Exam question practice through the	
		Very Important			Very Important	
		Questions booklet.			Questions booklet.	
Assessn	nent Half Term 1a	Half Term 1b	Half Term 2a	Half Term 2b	Half Term 3a	Year 10 Maths Pre
	Assessment	Assessment	Assessment	Assessment	Assessment	Mock Examination
PREP	Sparx Maths set	Sparx Maths set	Sparx Maths set every	Sparx Maths set	Sparx Maths set	Sparx Maths set
	every week to	every week to	week to support	every week to	every week to	every week to
	support classroom	support classroom	classroom learning.	support classroom	support classroom	support classroom
	learning.	learning.	Checkpoints CP7	learning.	learning.	learning.
	Checkpoints CP1	Checkpoints CP4	(Probability 2), CP8	Checkpoints CP10	Checkpoints CP13	Checkpoints CP16
	(Indices), CP2	(Half Term 1a	(Trigonometry) and	(Data Handling 1),	(Data Handling 2),	(Fractions and
	(Formula) and CP3	revision), CP2 (Angle	CP9 (Number Systems)	CP11 (Mensuration	CP14 (Data Analysis)	Percentages), due
	(Equations) due	Geometry) and CP3	due every other week,	1) and CP12	and CP15 (Further	every other week,
	every other week,	(Probability 1) due	supported by Very	(Mensuration 2) due	Equations) due	supported by Very
	supported by Very	every other week,	Important Questions	every other week,	every other week,	Important
	Important	supported by Very	studied in class.	supported by Very	supported by Very	Questions studied in
	Questions studied in	Important		Important	Important	class.
	class.	Questions studied in		Questions studied in	Questions studied in	
		class.		class.	class.	

Year 11	Higher	Number Patterns:	Loci and	Inequalities:	3D Geometry:	Revision:	
	Торіс	Students to	Transformations:	Students to show	Students to solve	Key topic revision	
		recognise number	Students to reflect,	inequalities on a	Pythagoras and	and completion of	
		patterns, find the	enlarge, rotate and	number line, solve	trigonometry in	past papers in class.	
		nth term of both	translate objects	inequality equations,	three dimensions.		
		linear and quadratic	around a coordinate	quadratic inequalities,			
		sequences and to	grid to find the	graph inequalities and	Vectors:		
		solve problems	image or describe	shade inequality	Student to		
		involving iteration.	the transformation.	regions on graphs.	understand column		
			Students to		vectors, adding and		
		Graphs:	understand and use	Using Graphs:	subtraction of		
		Student to draw	congruence and	Students to transform	vectors and solve		
		straight line graphs,	similarity in	graphs of functions,	problems involving		
		find gradients, find	problems.	find composite	vector geometry.		
		the midpoint and		functions, find inverse			
		equations between	Variation:	functions, find the	Revision:		
		two coordinates,	Student to	area under a graph	Key topic revision		
		understand parallel	understand direct	and find the gradient	and completion of		
		and perpendicular	and inverse	of the tangent to a	past papers in class.		
		lines and solve	proportion, form	curve.			
		simultaneous	equations for both				
		equations using	and represent	Revision of			
		graphs.	graphically.	Trigonometry:			
		Loci and		Students to revise			
		Transformations:		trigonometry and			
		Students to		problems involving the			
		construct triangles,		sine and cosine rule.			
		angle bisector,					
		perpendicular					
		bisector and loci of					
		points.					

Foundation	Number Patterns:	Loci and	Inequalities:	Revision:	Revision:
Торіс	Students to	Transformations:	Students to show	Key topic revision	Key topic revision
	recognise number	Students to reflect,	inequalities on a	and completion of	and completion of
	patterns and find	enlarge, rotate and	number line and solve	past papers in class.	past papers in class.
	the nth term of a	translate objects	inequality equations.		
	linear sequence.	around a coordinate			
		grid to find the	Revision:		
	Graphs:	image or describe	Key topic revision and		
	Student to draw	the transformation.	completion of past		
	straight line graphs,	Students to	papers in class.		
	find gradients, find	understand and use			
	the midpoint and	congruence and			
	equations between	basic similarity in			
	two coordinates.	problems.			
	Loci and	Variation:			
	Transformations:	Student to			
	Students to	understand direct			
	construct triangles,	and inverse			
	angle bisector,	proportion			
	perpendicular	problems.			
	bisectors.				
Assessment	Half Term 1a	Year 11 Nov/Dec	Half Term 2a	Year 11 March	Summer GCSE
	Assessment (H or F)	Mock Exam	Assessment (H or F)	Mock Exam	Exams Begin
PREP	Sparx Maths set	Sparx Maths set	Sparx Maths set every	Sparx Maths set	Set Past Papers
	every week to	every week to	week to support	every week to	
	support classroom	support classroom	classroom learning.	support classroom	
	learning.	learning.	Checkpoints CP22 H/F	learning.	
	Checkpoints CP17	Checkpoints CP20	(Variation/Proportion),	Checkpoints CP25H	
	H/F (Number	H/F (Construction	CP23 H/F (Inequalities)	(3D Pythagoras and	
	Patterns), CP18 H/F	and Loci) and CP21	and CP24H (Using	Trig) or CP25F	
	(Graphs) and CP19	H/F	Graphs) or CP24F	(Mixed Revision 2)	

	H/F (Further Graphs)	(Transformations)	(Mixed Revision 1) due	due every other	
	due every other	due every other	every other week,	week, supported by	
	week, supported by	week, supported by	supported by Very	Very Important	
	Very Important	Very Important	Important Questions	Questions studied in	
	Questions studied in	Questions studied in	studied in class.	class.	
	class.	class.			
				Set Past Papers	