

# **MATHEMATICS**

CURRICULUM OVERVIEW – YEAR 9 2023/24



## Y9 Autumn Term

Year	Topic	Key V	Vords			Key Skills & Key Knowledge (Small Steps)	
9	Forming	balance	inverse operation		Solve	one- and two-step equations and inequalities	R
	and solving	check (solution) coefficient	reverse		Solve	one- and two-step equations and inequalities with brackets	R
	equations (2 weeks)	equation	satisfy solution		Inequa	alities with negative numbers	
	(2)	expand	solve		Solve	equations with unknowns on both sides	
		form (an equation)	square root		Solve	inequalities with unknowns on both sides	
		· · · · · · · · · · · · · · · · · · ·	Block: Solution		Solvin	ng equations and inequalities in context	
		<ul><li>Etymology Discu</li><li>Frayer Model Us</li></ul>			Subst	ituting into formulae and equations	
		• Trayer Moder Os	ocu .		Rearra	anging formulae (one-step)	
					Rearra	ange formulae (two-step)	
					Rearra	ange complex formulae including brackets and squares	<b>H</b>
	Cultu	ral Capital	Assessment			NC Reference and Links	
	Literacy Task – Famous Mathematicians Cardano  Teachers ensure that resources reference a wide range of scenarios reflecting modern society.		1 x Block Assessr All students to comple assessment, then the scor kept secure. Optional extra assessment lower attainers Think Pink Go Gr	ete thi res are at to si	e to be upport	National Curriculum content covered includes: move freely between different numerical, algebraic, graphical and diagrammatic representations [for exampleequations and graphs] use algebraic methods to solve linear equations in one variable (including forms that require rearrangement) understand and use standard mathematical formulae; rearrange formula	
			Feedback			change the subject	
			This contains an analysis or strengths, weaknesses, and improvements to be		s to be	model situations or procedures by translating them into algebraic system	ssions



Year	Topic		Key Words		Key Skills & Key Knowledge (Small Steps)				
9	Cooldinate negative recipited	<b>A</b>	Lines parallel to the axes, $y = x$ and $y = -x$	R					
	graphs	curve (graph	•		Using tables of values	R			
	(2 weeks)	direct proport equation	tion <b>perpendicular</b> positive (gradient)		Compare gradients				
		function	real-life (graph)		Compare intercepts				
		gradient	rearrange		Understand and use $y = mx + c$				
			Write an equation in the form $y = mx + c$	H					
			d of the Block: Parallel		Find the equation of a line from a graph				
	<ul><li>Etymology Discussed</li><li>Frayer Model Used</li></ul>			Interpret gradient and intercepts of real-life graphs					
					Model real-life graphs involving inverse proportion	H			
					Explore perpendicular lines	H			
	Cultural C	Capital	Assessment		NC Reference and Links				
	Black History Month  Black History Month  All students to complete this assessment, then the scores are to be kept secure.  Optional extra assessment to support lower attainers.		deve simp reco	onal Curriculum content covered includes: lop algebraic and graphical fluency, including understanding linear ble quadratic functions gnise, sketch and produce graphs of linear and quadratic functions ble with appropriate scaling, using equations in and and the					
The Think Pink contains an analysis or strengths, weaknesses, and improvements to be made.		inter redu	esian plane pret mathematical relationships both algebraically and graphically ce a given linear equation in two variables to the standard form culate and interpret gradients and intercepts of graphs of						



	such linear equations numerically, graphically and algebraically use linear and quadratic graphs to estimate values of for given values of and vice versa and to find approximate solutions of simultaneous linear equations solve problems involving direct and inverse proportion, including graphical and algebraic representations
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Year	Topic	Key Words		Key Skills & Key Knowledge (Small Steps)		
9	Testing	binomial factorise		Factors, Multiples and Primes	R	
	conjectures (2 weeks)	common in terms of n conjecture multiple		True or False?		
		counter example odd		Always, Sometimes, Never true		
		demonstrate prime		Show that		
	even prove		Conjectures about number			
		Word of the Block: Conjecture		Expand a pair of binomials		
		<ul><li>Etymology Discussed</li><li>Frayer Model Used</li></ul>		Conjectures with algebra		
	Trayer Moder Osed		Explore the 100 grid			



Cultural Capital	Assessment	NC Reference and Links
Real- life application of mathematical concepts	All students to complete this assessment, then the scores are to be kept secure. Optional extra assessment to support lower attainers.  Think Pink Go Green Feedback This contains an analysis or	National Curriculum content covered includes: make and test conjectures about patterns and relationships; look for proofs or counterexamples begin to reason deductively in geometry, number and algebra use the concepts and vocabulary of prime numbers, factors (or divisors), multiples, common factors, common multiples, highest common factor, lowest common multiple, prime factorisation simplify and manipulate algebraic expressions to maintain equivalence by expanding products of two or more binomials



Year	Year Topic Key Words			Key Skills & Key Knowledge (Small Steps)		
9	3D shapes (3 weeks)	area base centimetres cube circumference commutative compound  Word of the Etymology D Frayer Mode	height isometric ed length net open/closed solid perpendicular height  the Block: Compound		Know names of 2-D and 3-D shapes  Recognise prisms (including language of edges/vertices)  Accurate nets of cuboids and other 3-D shapes  Sketch and recognise nets of cuboids and other 3-D shapes  Plans and elevations  Find area of 2-D shapes  Surface area of cubes and cuboids  Surface area of triangular prisms  Surface area of a cylinder  Volume of cubes and cuboids  Volume of other 3-D shapes – prisms and cylinders  Explore volumes of cones, pyramids and spheres	
	Cultural	Capital	Assessment		NC Reference and Links	
Literacy Task – Engineering The Colosseum Teachers ensure that resources reference a wide range of scenarios reflecting modern society.  1 x Block Assessment All students to complete this assessment, then the scores as be kept secure. Optional extra assessment support lower attainers.  Think Pink Go Green Feedback This contains an analysis of		All students to complete this assessment, then the scores are to be kept secure. Optional extra assessment to support lower attainers.  Think Pink Go Green Feedback This contains an analysis or strengths, weaknesses, and	use la D sha prism: derive perim	nal Curriculum content covered includes: anguage and properties precisely to analyse numbers, algebraic expre apes use the properties of faces, surfaces, edges and vertices of cubes as, cylinders, pyramids, cones and spheres to solve problems in 3 - D as and apply formulae to calculate and solve problems involving: aleter and area of triangles, parallelograms, trapezia, volume of cuboids ding cubes) and other prisms (including cylinders)		



Year	Topic		Key Words		Key Skills & Key Knowledge (Small Steps)				
9	Constructions and congruency acute multiplier arc obtuse			Draw and measure angles	R				
		obtuse			Construct and interpret scale drawings	R			
	(2 weeks)	ASA	path			Locus of distance from a point			
		bisector	perpendicular			Locus of distance from a straight line/shape			
		congruen				Locus equidistant from two points			
		construct	tion lines protractor			Construct a perpendicular bisector			
		<u>Wor</u>	rd of the Block: Bisector			Construct a perpendicular from a point			
		=	ology Discussed			Construct a perpendicular to a point			
		• Fraye	er Model Used			Locus of distance from two lines			
					Construct an angle bisector				
				Construct triangles from given information	G				
				Identify congruent figures					
						Explore congruent triangles			
						Identify congruent triangles			
	Cultural Capi	tal	Assessment			NC Reference and Links			
	Maths Caree		1 x Block Assessment	Na	tional C	urriculum content covered includes:			
	ed reading compre Illuminating the ro		All students to complete this assess then the scores are to be kept sed		w and r	measure line segments and angles in geometric figure	s, including		
	Accountant		Optional extra assessment to sup		erpretin	g scale drawings			
			lower attainers.			use the standard ruler and compass constructions (p	'		
			Think Pink Go Green			a line segment, constructing a perpendicular to a give			
	Feedback				from/at a given point, bisecting a given angle); recognise and use the				
			This contains an analysis or streng weaknesses, and improvements to	o ha	•	ular distance from a point to a line as the shortest dist			
			made.	de		ketch and draw using conventional terms and notation	•		
			Fred of Town Association	lin	es, para	lel lines, perpendicular lines, right angles, regular poly	gons, and		
			End of Term Assessment						



The ricys serios	
	other polygons that are reflectively and rotationally symmetric use the standard conventions for labelling the sides and angles of triangle ABC, and know and use the criteria for congruence of triangles

# Year 9 Spring Term

Year	Topic		Key Words			Key Skills & Key Knowledge (Small Steps)	
9	Numbers adjust negative		Integers	, real and rational numbers			
	(2 weeks)	compensa cube root			Underst	and and use surds	H
		denominat	· ·		Work wi	th directed number	R
		difference	power		Solve pr	oblems with integers	
		directed	prime		Solve pr	oblems with decimals	
		Word of the	he Block: Cube root		HCF and	d LCM	R
			y Discussed		Adding a	and subtracting fractions	R
		<ul> <li>Frayer Mo</li> </ul>	odei Used		Multiply	ing and dividing fractions	R
					Solve pr	roblems with fractions	
				Number	s in standard form	R	
	Cultural Capital Assessment		ent		NC Reference and Links		



Literacy Task – Astronomy The Hubble Space Telescope

Teachers ensure that resources reference a wide range of scenarios reflecting modern society.

#### 1 x Block Assessment

All students to complete this assessment, then the scores are to be kept secure. Optional extra assessment to support lower attainers.

#### Think Pink Go Green Feedback

This contains an analysis or strengths, weaknesses, and improvements to be made.

National Curriculum content covered includes:

- use the four operations, including formal written methods, applied to integers, decimals, proper and improper fractions, and mixed numbers, all both positive and negative
- use the concepts and vocabulary of prime numbers, factors (or divisors),
  multiples, common factors, common multiples, highest
  common factor, lowest common multiple, prime factorisation,
  including using product notation and the unique factorisation
  property
- interpret and compare numbers in standard form  $A \times 10^n$ ,  $1 \le n < 10$  where n is a positive or negative integer or zero
- appreciate the infinite nature of the sets of integers, real and rational numbers.



Year	Topic	Key	y Words		Key Skills & Key Knowledge (Small Steps)	
9	Using percentages (2 week)	bar model change convert decimal decrease depreciated  Word of the E Etymology I Frayer Mod	Block: Depreciated Discussed	Calco Expr Solv Recco	the equivalence of fractions, decimals and percentages ulate percentage increase and decrease ess a change as a percentage e 'reverse' percentage problems egnise and solve percentage problems (non-calculator) egnise and solve percentage problems (calculator) e problems with repeated percentage change	<ul><li>R</li><li>R</li><li>R</li><li>1</li></ul>
	Cultural	Capital	Assessment	<u> </u>	NC Reference and Links	
		resources reference enarios reflecting society.	1 x Block Assessme All students to complete assessment, then the score be kept secure. Optional extra assessme support lower attaine Think Pink Go Green Feedback This contains an analys strengths, weaknesses improvements to be m	e this es are to ent to ers. en	<ul> <li>National Curriculum content covered includes:         <ul> <li>define percentage as 'number of parts per hundred', interpercentage.</li> <li>changes as a fraction or a decimal, interpret these multiplicatively, express one quantity as a percentage of another, compare two quantities using percentages, and with percentages greater than 100%</li> <li>interpret fractions and percentages as operators</li> <li>solve problems involving percentage change, including: percentage increase, decrease and original value problems and simple interest financial mathematics.</li> </ul> </li> </ul>	work



Year	Topic		Key '	Words		Key Skills & Key Knowledge (Small Steps)
9	Maths & Money	а	ınnual	interest		Solve problems with bills and bank statements
	(2 weeks)	_	alance	multiplier		Calculate simple interest
		~	oill compound	original overtime		Calculate compound interest
			onvert	percentage		Solve problems with Value Added Tax
		c	redit	principal		Calculate wages and taxes
			<ul> <li>Word of the Block: Multiplier</li> <li>Etymology Discussed</li> <li>Frayer Model Used</li> </ul>			Solve problems with exchange rates
		•				Solve unit pricing problems
(	Cultural Capit	tal	1	Assessment	NC Reference and Links	
cor Illumi	Maths Careers Guided reading comprehension task Illuminating the role of a Biomedical Scientist.		All students to then the score Optional extra lo  Think	ock Assessment complete this assessment es are to be kept secure. a assessment to support wer attainers.  k Pink Go Green Feedback an analysis or strengths, and improvements to be made.		<ul> <li>onal Curriculum content covered includes:</li> <li>solve problems involving percentage change, including: percentage increase, decrease and original value problems and simple interest in financial mathematics</li> <li>select and use appropriate calculation strategies to solve increasingly complex problems</li> <li>interpret when the structure of a numerical problem requires additive, multiplicative or proportional reasoning</li> <li>develop their use of formal mathematical knowledge to interpret and solve problems, including in financial mathematics</li> </ul>



Year	Topic		Key V	Vords		Key Skills & Key Knowledge (Small Steps)	
9	Deduction (2 weeks)		nate	isosceles		Angles in parallel lines	R
	(2 weeks)		ector nterior	justify <b>locus</b>		Solving angles problems (using chains of reasoning)	
			ecture	parallel		Angles problems with algebra	
			struct	parallelogram		Conjectures with angles	
	corresponding polygon Conjectures with shapes						
		<u>Wc</u> • •	ord of the Block: Corresponding Etymology Discussed Frayer Model Used			Link constructions and geometrical reasoning	H
	Cultural Capita	al	A	ssessment		NC Reference and Links	
Literacy Task – Sport The 2012 Olympics Teachers ensure that resources reference a wide range of scenarios reflecting modern society.  Think Pink Go Green Feedback This contains an analysis or strengths, weaknesses, and improvements to be made.			Ints to complete this then the scores are to be sept secure. In assessment to support wer attainers. If Pink Go Green Feedback In analysis or strengths, and improvements to be made.	deribise from per des line othe app vert	ional Curriculum content covered includes:  ive and use the standard ruler and compass constructions (perpendicular ector of a line segment, constructing a perpendicular to a given line m/at a given point, bisecting a given angle); recognise and use the pendicular distance from a point to a line as the shortest distance to the line cribe, sketch and draw using conventional terms and notations: points, s, parallel lines, perpendicular lines, right angles, regular polygons, and er polygons that are reflectively and rotationally symmetric oly the properties of angles at a point, angles at a point on a straight line, cically opposite angles  lerstand and use the relationship between parallel lines and alternate and responding angles		



Year Topic	Key Wo	ords	Key Skills & Key Knowledge (Small Steps)
Year Topic  9 Rotation and translation (2 weeks)	anti-clockwise centre clockwise direction direction horizontal	order reflect regular rotate rotational shape	Key Skills & Key Knowledge (Small Steps)  Identify the order of rotational symmetry of a shape Compare and contrast rotational symmetry with lines of symmetry Rotate a shape about a point on a shape Rotate a shape about a point not on a shape Translate points and shapes by a given vector Compare rotation and reflection of shapes
Cultural Capit	<ul><li>Etymology Discuss</li><li>Frayer Model Used</li></ul>	sed	Find the result of a series of transformations  NC Reference and Links



1001	Teaning irase		
	Real- life application of mathematical concepts	All students to complete this assessment, then the scores are to be kept secure.  Optional extra assessment to support lower attainers.  Think Pink Go Green Feedback  This contains an analysis or strengths, weaknesses, and improvements to be	National Curriculum content covered includes: identify properties of, and describe the results of, translations, rotations and reflections applied to given figures describe, sketch and draw using conventional terms and notations: points, lines, parallel lines, perpendicular lines, right angles, regular polygons, and other polygons that are reflectively and rotationally symmetric develop their mathematical knowledge, in part through solving problems and evaluating the outcomes, including multi - step problems



Year	Topic	Key	Words	K	ey Skills & Key Knowledge (Small Step	os)
9	Pythagoras Theorem (2 weeks)	adjacent cuboid decimal places	negative opposite original	quares and square roots entify the hypotenuse of		0
		diagonal quadrant	quadrant significant figures	etermine whether a triang alculate the hypotenuse of alculate missing sides in the se Pythagoras theorem of	of a right-angled triangle right-angled triangles	
	Word of the Block: Hypotensuse  Etymology Discussed  Frayer Model Used	plore proofs of Pythagor		0		
	Cultural Capital Assessment			NC Reference and Links		
	al- life applicat tthematical con	All stu assessmen Optional ex This This contain weaknesse	Block Assessment dents to complete this it, then the scores are to be kept secure. ktra assessment to support lower attainers. ink Pink Go Green Feedback ins an analysis or strengths, is, and improvements to be made. of Term Assessment . 1 hour Paper	ythagoras' Theorem angle facts, triangle ilaterals to derive rem, and use knowret mathematical reto reason deductive trical construction to model situations	tent covered includes:  n to solve problems involving right - a e congruence, similarity and propertie esults about angles and sides, includir n results to obtain simple proofs elationships both algebraically and ge rely in geometry, number and algebra, as s mathematically and express the resulatical representations	s of ng Pythagoras' ometrically including using



## Y9 Summer Term

Year	Topic		Key Wo	ords		Key Skills & Key Knowledge (Small Steps)			
9	Enlargement and		ljacent	negative		Recognise enlargement and similarity			
	similarity (2 weeks)		igle	object		Enlarge a shape by a positive integer scale factor			
			ntre rresponding	opposite orientation		Enlarge a shape by a positive integer scale factor from a point			
			stance	position		Enlarge a shape by a positive fractional scale factor			
		en	largement	positive		Enlarge a shape by a negative scale factor	<b>(1)</b>		
		<u>v</u>	Vord of the Bloc	k: Orientation		Work out missing sides and angles in a pair of given similar shapes			
		•	Etymology Discussed Frayer Model Used			Solve problems with similar triangles	<b>(1)</b>		
	•	•	rrayer Model o	seu		Explore ratios in right-angled triangles	<b>(H)</b>		
	Cultural Capita	d	Ass	sessment		NC Reference and Links			
Literacy Task – Art MC Escher surreal art and tessellations Teachers ensure that resources reference a wide range of scenarios reflecting modern society.  1 x Block Assessment All students to complete this assessment, then the scores are to be kept secure. Optional extra assessment to support lower attainers.  Think Pink Go Green Feedback This contains an analysis or strengths, weaknesses, and improvements to be made.		lear othe neg sim trige the con use app	dents develop their knowledge of transformations to include enlargement, rning the mathematical meaning of the word similar. You can link back to er transformations as necessary. If appropriate students can move on to gative scales factors. All students should experience finding unknown sides in ilar shapes and this can be extended to formal similar triangles problems and conometry in the 30/60/90 triangle. General trigonometry is introduced at start of Year 10. National Curriculum content covered includes: isstruct similar shapes by enlargement, with and without coordinate grids scale factors, scale diagrams and maps oly angle facts, triangle congruence, similarity and properties of idrilaterals to derive results about angles and sides						



understand that a multiplicative relationship between two quantities can be expressed as a ratio or a fraction use Pythagoras' Theorem and trigonometric ratios in similar triangles to solve problems involving right - angled triangles

Year	Year Topic Key Words			Key Skills & Key Knowledge (Small Steps)			
9	Solving ratio and	constai		multiple multiplier non-linear		Solve problems with direct proportion	R
	proportion	direct p	proportion			Direct proportion and conversion graphs	R
	problems (2 weeks)	equal p	oarts	product		Solve problems with inverse proportion	
		equation	on	proportional		Graphs of inverse relationships	H
	Word of the			k: Proportional		Solve ratio problems given the whole or a part	R
				ymology Discussed ayer Model Used		Solve 'best buy' problems	
						Solve problems ratio and algebra	H
	Cultural Capit	al	A	ssessment		NC Reference and Links	
Guided reading comprehension task Illuminating the role of a Environmental Engineer  All students to complete this assessment, then the scores are to be kept secure.  Optional extra assessment to support lower attainers		divid expl und	ional Curriculum content covered includes: de a given quantity into two parts in a given part : part or part : whole ratio; ress the division of a quantity into two parts as a ratio lerstand that a multiplicative relationship between two quantities can be ressed as a ratio or a fraction				



Think Pink Go Green Feedback This contains an analysis or strengths, weaknesses, and improvements to be made.  solve problems involving direct and inverse proportion, including graphical and algebraic representations use compound units such as speed, unit pricing and density to solve problems
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Year	Topic		Key Words		Key Skills & Key Knowledge (Small Steps)	
9	Rates (2 weeks)	aver axes	uracy minutes rage origin es per estant rate prism	•	<ul> <li>Solve speed, distance and time problems without a calculator</li> <li>Solve speed, distance and time problems with a calculator</li> <li>Use distance-time graphs</li> </ul>	
		conv	version rearrange		Solve problems with density, mass and volume  Solve flow problems and their graphs	
		• E	Vord of the Block: Conversion Etymology Discussed Frayer Model Used		Rates of change and their units  Convert compound units	•
	Cultural Capi	tal	Assessment		NC Reference and Links	
Al To reso	Alan Turing and WWII Teachers ensure that resources reference a wide range of scenarios reflecting  All students to complete this assessment, then the scores are to be kept secure.  Optional extra assessment to support			o be us ur port ex	ational Curriculum content covered includes: se compound units such as speed, unit pricing and density to solve problems nderstand that a multiplicative relationship between two quantities can be expressed as a ratio or a fraction hange freely between related standard units [for example time, length, area,	
	Think Pink Go Green Feedback				olume/capacity, mass]	



	This contains an analysis or strengths,	
	weaknesses, and improvements to be	
	made.	



Year	Topic		Ke	ey Words		Key Skills & Key Knowledge (Small Steps)		
9	Probability (2 weeks)	affect		outcome probability		Single event probability	2	
	(2 Weeks)	biased				Relative frequency		
	equally likely product event relative frequency		Expected outcomes					
		expected replacement Independent events		Independent events				
	experiment sample space Use tree diagrams				H			
					Use tree diagrams to solve 'without replacement' problems	H		
			Etymology Frayer Mod	Discussed del Used	Use diagrams to work out probabilities			
	Cultural Capital Assessment			NC Reference and Links				
	Real- life application of mathematical concepts  1 x Block Assessment All students to complete this assessment, then the scores are kept secure. Optional extra assessment to su lower attainers.  Think Pink Go Green Feedback This contains an analysis or stree weaknesses, and improvements made.		tudents to complete this ent, then the scores are to be kept secure. extra assessment to support lower attainers.  hink Pink Go Green Feedback ains an analysis or strengths, ses, and improvements to be	rec exp out und ent grid ger equ	tional Curriculum content covered includes: ord, describe and analyse the frequency of outcomes of simple probability periments involving randomness, fairness, equally and unequally likely ecomes, using appropriate language and the 0 - 1 probability scale derstand that the probabilities of all possible outcomes sum to 1 emerate sets and unions/intersections of sets systematically, using tables, els and Venn diagrams enerate theoretical sample spaces for single and combined events with evally likely, mutually exclusive outcomes and use these to calculate elsoretical probabilities			



Year	Topic	Key Words				Key Skills & Key Knowledge (Small Steps)
9	Algebraic representation (1 week)	dis ex pa pie	urve scontinuous eponential arabola ece-wise  Word of the stymology Discu			■ Draw and interpret quadratic graphs Interpret other graphs, including reciprocal and piece-wise Investigate graphs of simultaneous equations Represent inequalities
	Cultural Capita	al		Assessment		NC Reference and Links
re	hers ensure that r ference a wide ra narios reflecting r society.	nge of	All students to then the sco Optional extra Thin This contain weaknesses, ar	lock Assessment complete this assessment res are to be kept secu- assessment to support attainers. Ick Pink Go Green Feedback is an analysis or strength and improvements to be Term Assessment 1 hour Paper	ment, ure. re lower w ths, fil made. vi	National Curriculum content covered includes: recognise, sketch and produce graphs of quadratic functions of one variable with appropriate scaling, using equations in and and the Cartesian plane use quadratic graphs to estimate values of for given values of and vice versa find approximate solutions to contextual problems from given graphs of a variety of functions, including piece - wise linear, exponential and reciprocal graphs use linear graphs to estimate values of for given values of and vice versa and to find approximate solutions of simultaneous linear equations understand and use the concepts and vocabulary of expressions, equations, inequalities, terms and factors



Year	Topic		Key Words	Key Skills & Key Knowledge (Small Steps)
9	Revision of Ks3 curriculum (3 week)	Revision of All the words from every bl Ks3 KS3 Vocabular curriculum		The last three weeks of the summer term are unassigned in order to allow you time to review any areas of the KS3 curriculum that you feel your students would benefit from as they prepare to transition to KS4, or to deepen their knowledge of an area if appropriate. You may wish to include:  Handling Data — there is no explicit data coverage in Year 9, so you could revise the learning of Year 7 and 8, possibly through projects, and include the Y8 Higher steps around mean averages from a frequency table Sequences—there is no new sequence content in Year 9. If your class did not cover the Higher step for finding the rule for the nth term of a linear sequence, you could do this here. Error intervals—also only covered as a Higher step in Y8 Trigonometry—you could develop the brief introduction to trigonometry in Summer Block 1 to study this in more detail, but please note this is covered in
	Cultural Capital Assessment		Assessment	
Teachers ensure that resources reference a wide range of scenarios reflecting modern society.			End of Year Assessment	depth in the first block of our Year 10 scheme of learning National Curriculum content covered depends on your choices.