GCSE Mathematics: PERSONALISED LEARNING CHECKLIST					
No.	Grade	Red	Amber	Green	Revised Tick ☑
Area of Study: Algebra					
Approximate solutions to equations using iteration.	9				
Equation of a circle	9				
Equation of a tangent	9				
Algebra and Proof	8	ans.			
Gradients and area under a graph	8	KLIS			
Graphs of trigonometric functions	8	3 6	12		
Quadratic equations (completing the square)	8	3 1	in	7	
Composite functions	7	M. C.	. 3/		
Expand the product of two or more binomials	7	J. Trans			
Factorising difficult quadratic expressions	7		29	10	9)
Geometric Sequences	7	1	, cc.) <	
Graphs of exponential functions	7	C. CHR	٤, ريد		<i>y</i>
Quadratic equations (needing re-arrangement)	7	(C)	75.	کر م	
Quadratic equations (quadratic formula)	7	WE 33	37	1	
Real-life exponential graphs	7		K		
Represent quadratic inequalities	7			一堂	
Simultaneous equations (non-linear)	7	62	Dir	Ň	
Solve quadratic inequalities	7	(EE)	A		
Translations and reflections of a function	7	E PA	1		
Turning points & completing the square	7	100	(3V	/	
Algebraic fractions	6	1			
Identifying parallel lines	6	Y /	8		
Inverse functions	6				
Linear inequalities in two variables	6	7.19			
nth term of a quadratic sequence	195				

Quadratic equations (factorisation)	6
Quadratic equations (graphical methods)	6
Represent linear inequalities	6
Simultaneous equations (linear)	6
Algebraic argument	5
Algebraic terminology	5
Cubic and Reciprocal graphs	5
Deduce quadratic roots algebraically	5
Derive an equation	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Equation of a line	523 C.
Expand the product of two binomials	5
Factorising quadratic expressions	Marie Car
Fibonacci, quadratic and simple geometric sequences	
Graphical solution to equations	5 Carlo Carlo
Inequalities on number lines	5
Linear equations	1 E C C C C C C C C C C C C C C C C C C
Quadratic graphs	5
Reciprocal real-life graphs	
Simplify indices	5
Simplify surds	5 (88) 7
Solve linear inequalities in one variable	5
Writing formulae and expressions	5
Changing the subject	4
Collecting like terms	4
Expressions	4
Factorise single bracket	4
Finding the equation of a line	155E)
Graphs of linear functions	4

	_				
Graphs of quadratic functions	4				
Linear equations one unknown	4				
Multiplying single brackets	4				
Non-standard real life graphs	4				
nth term of a linear sequence	4				
Number machines	4				
Substitution	4	6.17			
Using "y = mx + c"	4	133			
Coordinates in four quadrants	30	3			
Plotting straight line graphs	3	30	113	3	
Position to term rules	3	J. C.			
Sequences of square, triangular and cube numbers	3	Carried S	1/4		7
Using Formulae	3		1		3)
Sequences and Rules	2	Illi E	2333		
I am most confident with the following topic/topics:		THE S	,,,		-
I have struggled most with the following topic/topics:			The state of	1	
				79)	
1 2 E		8	5		
The state of the s	Grade	Red	Amber	Green	Revised Tick ☑
Area of Study: Geometry and Measures	Grade	Red	Amber	Green	
Area of Study: Geometry and Measures Circle Theorems	Grade	Red	Amber	Green	
		Red	Amber	Green	
Circle Theorems	8	Red	Amber	Green	
Circle Theorems Vector arguments and proof	8	Red	Amber	Green	
Circle Theorems Vector arguments and proof Area of a triangle	8 8 7	Red	Amber	Green	
Circle Theorems Vector arguments and proof Area of a triangle Cosine rule	8 8 7	Red	Amber	Green	
Circle Theorems Vector arguments and proof Area of a triangle Cosine rule Pythagoras and trig 2D and 3D	8 8 7	Red	Amber	Green	

Congruence and Similarity	6				
Standard trigonometric ratios	6				
Arc lengths and sectors	5				
Derive triangle results	5				
Enlargements and negative SF	5				
Loci	5				
Pythagoras	5	B			
Similarity and Ciongruence	5	J. W			
Standard Constructions	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				
Surface Area	5743	6	3 3]	
Trigonometric Ratios	5	31			
Volume	5 N	Carry.	14		
Alternative and Corresponding Angles		W/M	2		<i>)</i>
Area of a circle	4		2222		
Areas of composite shapes	4	受して			2
Areas of triangles, trapezia and parallelograms	4	Const.	333.	The second	
Bearings	4		1		
Circle Terminology	4		1		
Circumference of a circle	4	3			
Congruent triangles	4		Di	//	
Enlargements and fractional SF	4	(EE)	A		
Perimeter of 2D shapes	4	1	1-7		
Plans and elevations	4		DV		
Polygons	4	7	15		
Solve Geometrical problems	4	Y /,	52		
Vector arithmetic	4				
Volume of prisms	1				
3D shapes	300				

Geometrical terminology and diagrams Geometrical terminology and diagrams Measuring lines and angles Properties of quadrilaterals Properties of triangles Translations and vectors Using Standard units I am most confident with the following topic/topics: Crade Red Amber Green Revised Tick Ed						
Measuring lines and angles Properties of quadrilaterals Properties of triangles Translations and vectors Using Standard units I am most confident with the following topic/topics: I have struggled most with the following topic/topics: I have struggled most with the following topic/topics: Grade Red Red Red Red Red Red Revised Revised Revised Red	Congruent and similar shapes	3				
Properties of quadrilaterals Properties of triangles Translations and vectors Using Standard units I am most confident with the following topic/topics: I have struggled most with the following topic/topics: Finance of Study: Number Surds	Geometrical terminology and diagrams	3				
Properties of triangles Translations and vectors Using Standard units I am most confident with the following topic/topics: Finance 1 Finance 1	Measuring lines and angles	3				
Translations and vectors Using Standard units I am most confident with the following topic/topics: I have struggled most with the following topic/topics: Finance 1 Fi	Properties of quadrilaterals	3				
Using Standard units I am most confident with the following topic/topics: I have struggled most with the following topic/topics: Grade Red Amber Green Revised Tick March M	Properties of triangles	3				
I have struggled most with the following topic/topics: Grade Red Amber Green Revised Tick ✓	Translations and vectors	3				
I have struggled most with the following topic/topics: Grade Red Amber Green Revised Tick	Using Standard units	3	C. D.			
Area of Study: Number Surds Index laws (negative and fractional) Product rule Recurring decimals Upper and lower bounds Finance 1 Powers and Roots Product of prime factors Using Pi Calculating with fractions Error intervals Index Laws Limits of accuracy Fire Area of Study: Number 8 8 9 1 1 1 1 1 1 1 1 1 1 1 1		NIS D		Part of the second		
Area of Study: Number Surds Index laws (negative and fractional) Product rule Recurring decimals Upper and lower bounds Finance 1 Powers and Roots Product of prime factors Using Pi Calculating with fractions Error intervals Index Laws Limits of accuracy Fire Area of Study: Number 8 8 9 1 1 1 1 1 1 1 1 1 1 1 1	50 // 2///	Grade	Red	Amber	Green	Revised
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Index laws (negative and fractional) Product rule Recurring decimals 7 Upper and lower bounds 7 Powers and Roots Product of prime factors 6 Using Pi Calculating with fractions 5 Error intervals Limits of accuracy 7 Index Laws 5 Index Laws 6 Index Laws Index Laws						
Product rule 7 Recurring decimals 7 Upper and lower bounds 7 Finance 1 6 Powers and Roots 6 Product of prime factors 6 Using Pi 6 Calculating with fractions 5 Error intervals 5 Limits of accuracy 5	Area of Study: Number					
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Upper and lower bounds 7 Finance 1 6 Powers and Roots 6 Using Pi 6 Calculating with fractions 5 Error intervals Index Laws 5 Limits of accuracy 5	Surds		m & Second	1.00		
Finance 1 6 Powers and Roots 6 Using Pi 6 Calculating with fractions 5 Index Laws 5 Limits of accuracy 5	Surds Index laws (negative and fractional)	(7) to		373.4		
Powers and Roots 6	Surds Index laws (negative and fractional) Product rule	7		in the		
Product of prime factors 6 Using Pi 6 Calculating with fractions 5 Error intervals 5 Index Laws 5 Limits of accuracy 5	Surds Index laws (negative and fractional) Product rule Recurring decimals	7				
Using Pi 6	Surds Index laws (negative and fractional) Product rule Recurring decimals Upper and lower bounds	7 7 7				
Calculating with fractions 5 Error intervals 5 Index Laws 5 Limits of accuracy 5	Surds Index laws (negative and fractional) Product rule Recurring decimals Upper and lower bounds Finance 1	7 7 7 7 6				
Error intervals 5 Index Laws 5 Limits of accuracy 5	Surds Index laws (negative and fractional) Product rule Recurring decimals Upper and lower bounds Finance 1 Powers and Roots	7 7 7 7 6				
Index Laws 5 Limits of accuracy 5	Surds Index laws (negative and fractional) Product rule Recurring decimals Upper and lower bounds Finance 1 Powers and Roots Product of prime factors	7 7 7 7 6 6				
Limits of accuracy 5	Surds Index laws (negative and fractional) Product rule Recurring decimals Upper and lower bounds Finance 1 Powers and Roots Product of prime factors Using Pi	7 7 7 6 6 6				
7773755	Surds Index laws (negative and fractional) Product rule Recurring decimals Upper and lower bounds Finance 1 Powers and Roots Product of prime factors Using Pi Calculating with fractions	7 7 7 6 6 6 6 5				
Adding and subtracting fractions 4	Surds Index laws (negative and fractional) Product rule Recurring decimals Upper and lower bounds Finance 1 Powers and Roots Product of prime factors Using Pi Calculating with fractions Error intervals Index Laws	7 7 7 6 6 6 6 5				
	Surds Index laws (negative and fractional) Product rule Recurring decimals Upper and lower bounds Finance 1 Powers and Roots Product of prime factors Using Pi Calculating with fractions Error intervals Index Laws Limits of accuracy	7 7 7 6 6 6 6 5				

Checking calculations	4				
Compound measures	4				
Converting metric units	4				
Estimation	4				
Fractions and percentages	4				
Fractions and ratio problems	4				
Interpret calculator displays	4	C. D.			
LCM and HCF	4	THE STATE OF THE S			
Multiples and factors	40 //	3			
Multiplying fractions	4	30 6	3 1]	
Operations	4	21.1	·		
Order of Operations	4	Carried Line	1/4		7
Power Roundings	4		1		3)
Standard Form	4	The second	CCCC.	<u> </u>	
Terminating decimals and fractions	4	う。定策	1,6		× .
Decimals	3	The Control of the Co	,325,		
Listing outcomes	3		3		
Prime numbers	3		X	À	
Using standard units	3	533			
Add and Subtract Integers	2	Tas	Die		
Dividing Integers	2	(EE	A		
Ordering Numbers	2	ELA	12		
Place Value	2		DV		
I am most confident with the following topic/topics:	}	A.	1	/	

I have struggled most with the following topic/topics:

,	Grade	Red	Amber	Green	Revised Tick ☑
Area of Study: Probability					
Conditional Probability	*				
Probability of dependent events	?				
Probability of independent events	þ				
Mutually exclusive sum)				
Relative Frequency	5 1	Z m			
Tables and Grids	SK	8/13			
Theoretical Probability	**	3			
Unbiased Samples	5	W To	5	7	
Venn Diagrams		ع پد	577		
Frequency Trees	7	A STATE OF			
Probability of equally likely outcomes I am most confident with the following topic/topics:		A CONTRACTOR OF THE PARTY OF TH	7	7	
I have struggled most with the following topic/topics:	llin-		CG. is	The state of the s	
	Grade	Red	Amber	Green	Revised Tick ☑
Area of Study: Ratio, Proportion and Rat	tes of C	hange			
Gradients and rate of change	9	(22)	//	/ <i> </i>	
General iterative processes	7	11850	B.	.((
Direct and inverse proportion	6	ECA			
Compound units	5		DV		
Gradient and rate of change	5	Y	15	1	
Growth and decay	500	Y / ₅	5		
Interpret proportion	5				
Percentage change	5	T:37			
Problems with compound units	150				

Scale factors and similarity	5				
Simple interest and financial Maths	5				
Solve proportion problems	5				
Compare fractions, decimals and percentages	4				
Compare lengths, area and volume	4				
Comparing quantities as a ratio	4				
Division of a quantity as a ratio	4	6. JA			
Express one quantity as a % of another	4	17.433			
Percentage Change	4 /	3 6			
Problems involving ratio	4	30 6	3 1	1	
Ratio and fractions	4	21.1			
Ratio sharing	4	Carry of the	14		7
Convert standard units	3		71)		
Express one quantity as a fraction of another	3	The second	23333	\ \	
Use ratio notation	3	う。産業	100		, ×
Use scale factors, diagrams and maps	3	The state of the s		2	
I am most confident with the following topic/topics:			W.		
I have struggled most with the following topic/topics:		SEE!	S. A.	N/	
MAN DE	Grade	Red	Amber	Green	Revised Tick ☑
Area of Study: Statistics					
Boxplots	6	Y	15		
Cumulative frequency Histograms with unequal class widths	6	Y /.	(2) -		
	6				<u> </u>
Quartiles and interquartiles range					

Histograms with equal class widths

Scatter graphs

Comparing data using graphs	4	
Comparing distributions	4	
Correlation	4	
Population	4	
Sampling	4	
Scatter diagrams	4	
Time series	4	
Charts and diagrams	36	
Pie charts	3 / 3	
Types of data	STAR FOR	337
Vertical line charts	3	: 3
I have struggled most with the following topic/topics:		in inches
300		ASICT.