	Edexcel GCSE (9-1) M			I CARAMAN AND AND AND AND AND AND AND AND AND A
TERM	UNIT / LESSON		PRIOR KNOWLEDGE	LEARNING INTENTIONS
	·		and are covered in the prior knowledge check rather than	the main teaching.
AUTUMN	1 Number	13		
			Have a firm grasp of place value and be able to order	
			integers and decimals and use the four operations.	
			Know integer complements to 10 and to 100,	
			multiplication facts to 10 × 10, strategies for multiplying	
			and dividing by 10. 100 and 1000.	
			Have encountered squares, square roots, cubes and cube	
			roots and have knowledge of classifying integers.	
Wk 1 04/09/2023	Baseline Assessment + Feedback			Work out the total number of ways of performing a series of tasks.
	1.1 Number problems and reasoning		the section. List possible outcomes from two events.	
	1.1 Number problems and reasoning		List possible dutcomes from two events.	
	1.2 Place value and estimating		Estimate the value of a square root.	Estimate an answer.
			Round numbers to a specified degree of accuracy.	Use place value to answer questions.
			Apply the four operations.	· '
Wk 2	1.3 HCF and LCM		Multiply prime factors together.	Write a number of the product of its prime factors.
11/09/2023			List the factors of a number.	Find the HCF and LCM of two numbers.
11,00,1020	1.4 Calculating with powers (indices)		Work out simple powers.	Use powers and roots in calculations.
			Apply the four operations.	Multiply and divide using index laws.
			, , , , , , , , , , , , , , , , , , ,	Work out a power raised to a power.
	1.5 Zero, negative and fractional		Convert between fractions and decimals.	Use negative indices.
Wk 3	indices		convert between made and accumulation	ose negative manesi
18/09/2023			Use the laws of indices for positive indices.	Use fractional indices.
Wk 4	1.6 Powers of 10 and standard form		Multiply by powers of 10 when the number is written as	Write a number in standard form.
VVK 4			an ordinary number and not an index.	
25/09/2023			Review different ways to divide by 10.	Calculate with numbers in standard form.
			Use negative indices.	
Wk 5	1.7 Surds		Review the meaning of the dot in the recurring notation.	Understand the difference between rational and irrational numbers
				er tre
02/10/2023			Identify the missing multiple which practices the skills of	Simplify a surd.
			searching for a perfect square factor.	Rationalise a denominator.
	2 Algebra	13		Rationalise a denominator.
	2 Aigebra	13	Use negative numbers with the four operations and recall	
			and use hierarchy of operations and understand inverse	
			operations.	
			Use a calculator for decimals and negative numbers.	
			Use index laws numerically.	
			Use and interpret algebraic notation.	
			Set up and solve simple equations.	
			Recall the definitions of geometric and arithmetic sequences.	
	2.1 Algebraic indices		Recognise that squaring and taking the square roots, and	Use the rules of indices to simplify algebraic expressions.
Wk 6			cubing and taking the cube root, are inverse operations.	and the second s
			5 - 1 - 5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
09/10/2023			Calculate with powers.	
Wk 7	CHECK, STRENGTHEN, EXTEND + REVISION			
16/10/2023	END OF TOPIC TEST (NUMBER)			