



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Sing number songs and familiarise children with number area. Develop fast recognition of up to 3 objects, without having to count them individually ('subitising'). Recite numbers past 5. Say one number for each item in order: 1,2,3,4,5. Provide opportunities for children to explore and match objects which are the same - Can you find one like mine? How do you know it's the same? Can you find one different from mine? Why is this one not like mine? Provide opportunities to sort sets based on colour, size, shape. Compare amounts - more, less, the same. Begin to compare objects in order of size - big, little, small, large, tall, short, long. Talk about and identify the patterns around them. For example: stripes on clothes, designs on rugs and wallpaper. Use informal language like 'pointy', 'spotty', 'blobs', etc.		Know that the last number reached when counting a small set of objects tells you how many there are in total ('cardinal principle'). Show 'finger numbers' up to 5. Link numerals and amounts: for example, showing the right number of objects to match the numeral, up to 5. Experiment with their own symbols and marks as well as numerals. Make comparisons between objects relating to size, length, weight and capacity. Extend and create ABAB patterns – stick, leaf, stick, leaf. Notice and correct an error in a repeating pattern. Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language: 'sides', 'corners'; 'straight', 'flat', 'round'.		Solve real world mathematical problems with numbers up to 5. Compare quantities using language: 'more than', 'fewer than'. Understand position through words alone – for example, "The bag is under the table," – with no pointing. Describe a familiar route. Discuss routes and locations, using words like 'in front of' and 'behind'. Select shapes appropriately: flat surfaces for building, a triangular prism for a roof, etc. Combine shapes to make new ones – an arch, a bigger triangle, etc. Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then...'	
Reception	Number: Numbers 1-5 Beginning to subitise 1-5 Counting to 10 Number recognition and formation 1-10 Number matching numeral to quantity 1-5 (10 where appropriate) Numerical Patterns: Introduce vocabulary related to weight and length Counting stories, rhymes, songs and nursery rhymes Introducing and exploring patterns and recurring patterns Select, rotate and manipulate Shapes in order to develop spatial reasoning skills Introduce sequencing and describing events.		Number: One more than and adding one more Introducing 0 Adding two groups/quantities Sharing quantities Subitise 1-5 (10 where appropriate) One less than and taking away/ one less Making pairs and counting in two's Number sentences - addition and subtraction Number Lines - one more than, one less than Numerical Patterns: Comparing length, weight and capacity Shape recognition and descriptions Exploring patterns Describe events using time-specific language such as first, next, last. Begin to use objects and tools to measure and describe length, weight and capacity.		Number: Verbally counting to 20 Subitise 1-5 (10 where appropriate) One less than and one more than Taking away/ one less Number sentences - addition and subtraction Number Lines - one more than, one less than Doubles and pairs Number bonds to 5 and where applicable to 10 Numerical Patterns: Verbally counting beyond 20 Comparing quantities to 10 Odds and evens Evens and Odds Shapes Positional Language Creating patterns	

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Year 1	Previous Reception experiences and counting within 100 Unit 1	Comparison of quantities and part-whole relationships Unit 2 Numbers 0 to 5 Unit 3	Recognise, compose, decompose and manipulate 2D and 3D shapes Unit 4 Numbers 0 to 10 Unit 5	Additive structures Unit 6 Addition and subtraction facts within 10 Unit 7 Measurement	Numbers 0 to 20 Unit 8 Unitising and coin recognition Unit 9	Position and direction Unit 10 – 1 week Time Unit 11 – 2 weeks Fractions
Times table focus	solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.					
	Count in 2s to 24 Count in 10s to 120		Count in 5s up to 60 link to 10s		Count fluently in multiples of 2, 5 and 10	
Year 2	Numbers 10 to 100 Unit 1 Calculations within 20 Unit 2	Fluently add and subtract within 10 Unit 3 Addition and subtraction of two-digit numbers (1) Unit 4	Introduction to multiplication Unit 5 Introduction to division structures Unit 6	Shape Unit 7 Addition and subtraction of two-digit numbers (2) Unit 8 Money Unit 9	Fractions Unit 10 Time Unit 11 Position and direction Unit 12	Multiplication and division – doubling, halving, quotitive and partitive division Unit 13 Sense of measure – capacity, volume, mass Unit 14 Statistics –Not in NCETM
Times table focus 2, 5, 10	Consolidate counting in 2, 5 and 10 in order up to 12x	Count fluently in multiples of 2, 5 and 10 Recall multiples of 10 up to 12 x 10 in any order including missing number and division facts	Recall multiples of 2 up to 12 x 2 in any order including missing number and division facts Recall multiples of 10 fluently up to 12 x 10	Recall multiples of 5 up to 12 x 5 in any order including missing number and division facts Recall multiples of 10 and 2 fluently up to 12 x	Count in multiples of 3 from 0 to 33 Recall multiples of 5, 10 and 2 fluently up to 12 x	Count in multiples of 3 from 0 to 33 Recall multiples of 5, 10 and 2 fluently up to 12 x
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Year 3	Adding and subtracting across 10 Unit 1 Numbers to 1,000 Unit 2	Numbers to 1,000 Unit 2 – Continued Statistics (not NCETM_)	Right angles Unit 3 – 2 weeks Manipulating the additive relationship and securing mental calculation Unit 4 Column addition Unit 5	2, 4, 8 times tables Unit 6 Column subtraction Unit 7 Measures (not NCETM)	Unit fractions Unit 8	Non-unit fractions Unit 9 Parallel and perpendicular sides in Polygons -Unit 10 Time Unit 11
Times table focus 5, 10 2, 4, 8	Count in multiples of 2 up to 12x2 in any order including missing number and division facts Count in multiples of 4 from 0 to 12x4	Recall multiples of 4 up to 12x4 in any order including missing number and division facts Introduce (relating to 4)and begin to count in multiples of 8 from 0 to 12x8	Recall multiples of 4 up to 12x4 in any order including missing number and division facts Count in multiples of 8 10 12 x 8 in any order	Recall multiples of 4 up to 12x4 in any order including missing number and division facts Count in multiples of 8 10 12 x 8 in any order	Recall facts for 2, 5, 10, 4 and 8 times tables up to 12 x in any order including missing number and related division facts	Fluently Recall facts for 2, 5, 10, 4 and 8 Count in multiples of 3 up to 12x3 in any order including missing number and division facts
	Continue to recall 2, 5 & 10 x tables in any order and with related division facts					
Year 4	Review of column addition and subtraction Unit 1 Numbers to 10,000 Unit 2	Perimeter Unit 3 3, 6, 9 times tables Unit 4	7 times table and patterns Unit 5 Understanding and manipulating multiplicative relationships Unit 6	Coordinates Unit 7 Measurement (Not on NCETM) Statistics (not NCETM)	Review of fractions Unit 8 Fractions greater than 1 Unit 9	Symmetry in 2D shapes Unit 10 Time Unit 11 Division with remainders Unit 12
Times table focus 3, 6, 9 & 7 And all	Recall multiples of 3, 4 and 8 up to 12x in any order including missing number and division facts Fluently count in 6s up to 12x6	Introduces 6s in order up to 12 x 6 relate to multiples of 3 Introduces 9s in order up to 12 x 6 relate to multiples of 3 and 6	Recall multiples of 3, 6 and 9 up to 12x in any order including missing number and division facts Fluently count in 7s up to 12x	Recall multiples of 7 up to 12x in any order including missing number and division facts Fluently count in 11s up to 12x Recall of 12x facts (learned in previous tables)	Recall multiples of all times tables up to 12x 12 in any order including missing number and division facts (revision for multiplication check)	Multiplication Check Times table interventions Recap of all facts up to 12x12
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Year 5	Decimal fractions Unit 1 – 5 weeks Money Unit 2 – 2 weeks	Negative numbers Unit 3 – 2 weeks Short multiplication and short division Unit 4 – 6 weeks	Area and scaling Unit 5 – 5 weeks Calculating with decimal fractions Unit 6 – 3 weeks	Calculating with decimal fractions (continued) Unit 6 – 3 weeks Factors, multiples and primes Unit 7 – 4 weeks	Fractions Unit 8 – 7 weeks Statistics –(Not on NCEM)	Converting units Unit 9 - 2 weeks Angles Unit 10 - 3 weeks Geometry – position and direction (Not on NCETM)
Times table focus	Recall multiples of 12 in any order including missing numbers and related division facts Recall multiples of all times tables up to 12x12 in any order	Square numbers Recall multiples of all times tables up to 12x12 in any order	Cubed numbers Recall multiples of all times tables up to 12x12 in any order	Recall of cubed and square numbers Prime numbers up to 50 Recall multiples of all times tables up to 12x12 in any order	Recall of cubed and square numbers Prime numbers up to 50 Recall multiples of all times tables up to 12x12 in any order	Recall of cubed and square numbers Prime numbers up to 50 Recall multiples of all times tables up to 12x12 in any order
Year 6	Calculating using knowledge of structures (addition, subtraction, multiplication and Division) Unit 1 – 6 weeks Multiples of 1,000 Unit 2 – 2 weeks	Numbers up to 10,000,000 Unit 3 – 4 weeks Draw, compose and decompose shapes Unit 4 – 2 weeks	Multiplication and division Unit 5 – 4 weeks Area, perimeter, position and direction Unit 6 – 2 weeks	Fractions and percentages Unit 7 – 6 weeks	Statistics Unit 8 – 1 week (2) KS2 SATS	Ratio and proportion Unit 9 Calculating using knowledge of structures (2) Unit 10 Solving problems with two unknowns Unit 11 Order of operations Unit 12 Mean average Unit 13
Times table focus	Recall of all multiplication and division facts up 12 x 12 Recall of square, cubed and prime numbers up to 100					