



Clifton Upon Dunsmore CE Primary School

Mathematics Curriculum Overview (September 2026)

Year Group	Autumn Term	Spring Term	Summer Term
Reception	<u>Mastering Number (NCETM) – Subitising and counting</u> Perceptual and conceptual subitising within 5. Matching, sorting and comparing sets. The counting principles and cardinality. Comparing quantities using more than, fewer than and the same as.	<u>Mastering Number (NCETM) – Composition of numbers to 10</u> Composition of the numbers 3, 4 and 5. The ‘five and a bit’ structure for the numbers 6 to 10. Partitioning and recombining. Comparing quantities and identifying one more and one less.	<u>Mastering Number (NCETM) – Composition of 10 and beyond</u> Number bonds to 10. Doubles and the odd and even distribution of quantities. Counting and comparing beyond 10. Applying number sense to pattern, shape, space and measure through continuous provision.
<u>Skills to be taught throughout all units in EYFS and KS1 where applicable</u> M1 I can explain my thinking using mathematical words M2 I can show numbers and calculations using objects, pictures and number lines M3 I can recall number facts quickly and use them to work out new facts M4 I can spot a pattern and say what I notice M5 I can check my answer and say whether it is sensible M6 I can use what I know to solve problems in different situations			
Year 1 NC	<u>Counting within 100; Comparison and part-whole relationships; Numbers 0–5; 2D and 3D shapes</u> <i>Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.</i> <i>Identify one more and one less than a given number.</i> <i>Compare, describe and solve practical problems for lengths, heights, mass and capacity.</i> <i>Recognise and name common 2-D and 3-D shapes.</i>	<u>Numbers 0 to 10; Additive structures; Addition and subtraction facts within 10</u> <i>Represent and use number bonds and related subtraction facts within 20.</i> <i>Read, write and interpret mathematical statements involving addition, subtraction and equals signs.</i> <i>Solve one-step problems involving addition and subtraction, using concrete objects and pictorial representations.</i>	<u>Numbers 0–20; Unitising and coin recognition; Position and direction</u> <i>Count in multiples of twos, fives and tens.</i> <i>Recognise and know the value of different denominations of coins and notes.</i> <i>Measure and begin to record lengths and heights.</i> <i>Describe position, direction and movement, including half, quarter and three-quarter turns.</i>
Year 1 I can	1. I can count forwards and backwards within 100 in different ways 2. I can compare objects by length, height, mass and capacity 3. I can use equal to, more than and less than to compare sets of objects 4. I can explain what a whole is and how it can be split into parts 5. I can use a part-whole model to show a number partitioned into parts 6. I can name and describe 2D and 3D shapes and make patterns with them	1. I can show the numbers 6 to 10 as ‘five and a bit’ 2. I can partition numbers to 10 in different ways and find a missing part 3. I can explain what odd and even numbers are 4. I can write addition and subtraction equations to match a story 5. I can explain that addition and subtraction are inverse operations 6. I can recall number bonds to 10	1. I can explain that the numbers 11 to 19 are ‘ten and a bit’ 2. I can use facts within 10 to add and subtract within 20 3. I can estimate and measure length in centimetres 4. I can count efficiently in twos, fives and tens 5. I can recognise 1p, 2p, 5p and 10p coins and find the total of a set 6. I can describe position, direction and movement
Year 2 NC	<u>Numbers 10 to 100; Calculations within 20; Fluently add and subtract within 10; Addition and subtraction of 2-digit numbers</u> <i>Recognise the place value of each digit in a two-digit number.</i>	<u>Introduction to multiplication; Introduction to division structures; Shape; Addition and subtraction of 2-digit numbers (2)</u> <i>Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables.</i>	<u>Money; Fractions; Time; Position and direction; Multiplication and division – doubling, halving and division structures</u> <i>Recognise and use symbols for pounds and pence and find different combinations that make the same amount.</i>

	<i>Compare and order numbers from 0 up to 100 and use <, > and = signs.</i> <i>Recall and use addition and subtraction facts to 20 fluently.</i> <i>Add and subtract two-digit numbers, ones and tens.</i>	<i>Show that multiplication of two numbers can be done in any order and division cannot.</i> <i>Identify and describe the properties of 2-D and 3-D shapes.</i>	<i>Recognise, find, name and write the fractions one third, one quarter, two quarters and three quarters.</i> <i>Tell and write the time to five minutes.</i> <i>Order and arrange combinations of mathematical objects in patterns and sequences.</i>
Year 2 I can	1. I can explain that ten ones are equal to one ten 2. I can partition a two-digit number into tens and ones in different ways 3. I can compare and order numbers to 100 using <, > and = 4. I can add three addends efficiently by finding a pair that makes ten 5. I can add and subtract by bridging through ten 6. I can find ten more and ten less than a two-digit number 7. I can calculate the difference and explain what it means	1. I can describe equal groups and write them as repeated addition and multiplication 2. I can recall the 2, 5 and 10 times tables 3. I can explain that factors can be multiplied in any order 4. I can double and halve two-digit numbers 5. I can group and share objects equally and write division equations 6. I can sort and name polygons by their sides and vertices 7. I can add and subtract pairs of two-digit numbers, including crossing ten	1. I can find totals and give change using coins and notes 2. I can find one half, one third and one quarter of a shape, length or quantity 3. I can explain that two quarters is equal to one half 4. I can tell the time to five minutes 5. I can describe position, direction and movement, including turns 6. I can use times-table facts to find the quotient 7. I can use the divisibility rules for 2, 5 and 10
<u>Skills to be taught throughout all units in KS2 where applicable</u> M1 I can explain and justify my reasoning using accurate mathematical vocabulary M2 I can choose an efficient method and explain why I chose it M3 I can use known facts and relationships to solve unfamiliar problems M4 I can represent a problem using models and images, including bar models and part-whole models M5 I can generalise, identify patterns and explain the rule M6 I can check my work for accuracy and reasonableness in multi-step problems			
Year 3 NC	<u>Adding and subtracting across 10; Numbers to 1,000; Length, mass and capacity</u> <i>Recognise the place value of each digit in a three-digit number.</i> <i>Compare and order numbers up to 1,000.</i> <i>Add and subtract numbers mentally, including a three-digit number and ones, tens or hundreds.</i> <i>Measure, compare, add and subtract lengths, mass and volume/capacity.</i>	<u>Right angles; Manipulating the additive relationship; Column addition; 2, 4 and 8 times tables; Column subtraction</u> <i>Add and subtract numbers with up to three digits using formal written methods.</i> <i>Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.</i> <i>Recognise angles as a property of shape and identify right angles.</i> <i>Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.</i>	<u>Unit fractions; Non-unit fractions; Parallel and perpendicular sides in polygons</u> <i>Count up and down in tenths and recognise fractions of a set of objects.</i> <i>Recognise and show, using diagrams, equivalent fractions with small denominators.</i> <i>Add and subtract fractions with the same denominator within one whole.</i> <i>Compare and order unit fractions and fractions with the same denominator.</i>
Year 3 I can	1. I can explain how 100 is composed and find complements to 100 2. I can represent, compare and order numbers to 1,000 3. I can position three-digit numbers on marked and unmarked number lines 4. I can add and subtract across the hundreds boundary 5. I can count forwards and backwards in 2s, 20s, 5s, 50s and 25s 6. I can measure length in metres, centimetres and millimetres and convert between them 7. I can measure mass in grams and kilograms and volume in millilitres and litres	1. I can identify right angles in shapes and in the environment 2. I can add and subtract mentally by adjusting and redistributing 3. I can find the difference between two numbers efficiently 4. I can use column addition, including when regrouping 5. I can use column subtraction, including when exchanging 6. I can recall the 4 and 8 times tables and explain how they relate to the 2s 7. I can scale known multiplication facts by 10	1. I can identify equal parts, even when they do not look the same 2. I can use fraction notation and represent unit fractions in different ways 3. I can compare and order unit fractions 4. I can find a fraction of a quantity using known division facts 5. I can place fractions between 0 and 1 on a number line 6. I can add and subtract fractions with the same denominator 7. I can identify parallel and perpendicular sides in polygons

Year 4 NC	<u>Review of column addition and subtraction: Numbers to 10,000; Perimeter: 3, 6 and 9 times tables</u> <i>Order and compare numbers beyond 1,000 and find 1,000 more or less.</i> <i>Round any number to the nearest 10, 100 or 1,000.</i> <i>Add and subtract numbers with up to four digits using formal written methods.</i> <i>Measure and calculate the perimeter of a rectilinear figure in centimetres and metres.</i>	<u>7 times table and patterns; Understanding and manipulating multiplicative relationships; Coordinates</u> <i>Recall multiplication and division facts for multiplication tables up to 12×12.</i> <i>Recognise and use factor pairs and commutativity in mental calculations.</i> <i>Multiply two-digit and three-digit numbers by a one-digit number.</i> <i>Describe positions on a 2-D grid as coordinates in the first quadrant.</i>	<u>Review of fractions: Fractions greater than 1; Symmetry in 2D shapes; Time; Division with remainders</u> <i>Recognise and show, using diagrams, families of common equivalent fractions.</i> <i>Add and subtract fractions with the same denominator.</i> <i>Identify lines of symmetry in 2-D shapes presented in different orientations.</i> <i>Read, write and convert time between analogue and digital clocks.</i>
Year 4 I can	1. I can identify the addends, sum, minuend and subtrahend in a calculation 2. I can add and subtract four-digit numbers using column methods 3. I can explain how 1,000 is composed and use this to convert measures 4. I can compare, order and round four-digit numbers 5. I can calculate the perimeter of rectangles and regular polygons 6. I can find an unknown side length when I know the perimeter 7. I can recall the 3, 6 and 9 times tables and explain how they are related	1. I can recall the 7 times table and explain patterns in the times tables 2. I can recognise and represent square numbers 3. I can partition a factor to multiply efficiently using the distributive law 4. I can multiply and divide by 10 and 100 and explain what happens to the digits 5. I can scale known multiplication and division facts 6. I can plot and read coordinates in the first quadrant 7. I can describe and draw translations of shapes on a grid	1. I can explain how a quantity is made of whole numbers and a fractional part 2. I can convert between mixed numbers and improper fractions 3. I can compare and order mixed numbers using fraction sense 4. I can add and subtract mixed numbers 5. I can find lines of symmetry and reflect polygons 6. I can read, write and convert between units of time 7. I can interpret a remainder in the context of a problem
Year 5 NC	<u>Decimal fractions; Money; Negative numbers; Short multiplication and short division</u> <i>Read, write, order and compare numbers with up to three decimal places.</i> <i>Round decimals with two decimal places to the nearest whole number and one decimal place.</i> <i>Interpret negative numbers in context and count forwards and backwards through zero.</i> <i>Multiply and divide numbers up to four digits by a one-digit number using formal written methods.</i>	<u>Area and scaling; Calculating with decimal fractions; Factors, multiples and primes</u> <i>Calculate and compare the area of rectangles using standard units.</i> <i>Identify factors, multiples, common factors and prime numbers.</i> <i>Recognise and use square numbers and cube numbers.</i> <i>Multiply and divide whole numbers and decimals by 10, 100 and 1,000.</i>	<u>Fractions; Converting units; Angles</u> <i>Compare and order fractions whose denominators are multiples of the same number.</i> <i>Multiply proper fractions and mixed numbers by whole numbers.</i> <i>Convert between different units of metric measure and know approximate imperial equivalents.</i> <i>Draw and measure angles in degrees and identify acute, obtuse and reflex angles.</i>
Year 5 I can	1. I can read, write, compare and order decimals with tenths and hundredths 2. I can round decimals to the nearest tenth and whole number 3. I can add and subtract decimals mentally and using column methods 4. I can convert between pounds and pence and calculate change efficiently 5. I can read, write and place negative numbers on a number line 6. I can calculate intervals across zero 7. I can multiply and divide using short multiplication and short division, including remainders	1. I can measure and calculate the area of rectangles and rectilinear shapes 2. I can compare and describe lengths and measures using multiplication and division 3. I can explain the effect of multiplying and dividing by 10, 100 and 1,000 4. I can convert between units of length, mass and capacity 5. I can multiply decimal fractions by whole numbers 6. I can calculate the volume of a cuboid and of compound shapes 7. I can identify factors, common factors, multiples and prime numbers	1. I can multiply proper fractions and mixed numbers by whole numbers 2. I can find unit and non-unit fractions of a quantity 3. I can find the whole when I know the size of a part 4. I can identify and explain equivalent fractions 5. I can recall common fraction and decimal equivalents 6. I can convert between metric units and know approximate imperial equivalents 7. I can estimate, measure and draw angles using a protractor

Year 6 NC	<u>Calculating using knowledge of structures (1): Multiples of 1,000; Numbers up to 10,000,000; Draw, compose and decompose shapes</u> <i>Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit.</i> <i>Round any whole number to a required degree of accuracy.</i> <i>Use estimation to check answers to calculations and determine levels of accuracy.</i> <i>Recognise, describe and build simple 3-D shapes, including making nets.</i>	<u>Multiplication and division: Area, perimeter, position and direction; Fractions and percentages</u> <i>Multiply multi-digit numbers by a two-digit whole number using long multiplication.</i> <i>Divide numbers using long division and interpret remainders appropriately for the context.</i> <i>Calculate the area of parallelograms and triangles.</i> <i>Describe positions on the full coordinate grid and draw and translate simple shapes.</i> <i>Add, subtract, multiply and divide fractions, and recall equivalences between fractions, decimals and percentages.</i>	<u>Statistics: Ratio and proportion; Calculating using knowledge of structures (2); Solving problems with two unknowns; Order of operations</u> <i>Interpret and construct pie charts and line graphs and use these to solve problems.</i> <i>Calculate and interpret the mean as an average.</i> <i>Solve problems involving the relative sizes of two quantities and unequal sharing.</i> <i>Use simple formulae and express missing number problems algebraically.</i> <i>Use the order of operations to carry out calculations.</i>
Year 6 I can	1. I can use the 'same sum' and 'same difference' rules to calculate mentally 2. I can explain how adjusting an addend, minuend or subtrahend affects the answer 3. I can read, write, compare and order numbers up to 10,000,000 4. I can round large numbers to any degree of accuracy 5. I can add and subtract numbers with up to seven digits using column methods 6. I can recognise and build 3-D shapes from their nets 7. I can find the area of a compound shape by decomposing it	1. I can multiply four-digit numbers by two-digit numbers using long multiplication 2. I can divide using short and long division and interpret the remainder appropriately 3. I can calculate the area of parallelograms and triangles 4. I can describe positions in all four quadrants and translate and reflect shapes 5. I can write a fraction in its simplest form 6. I can add, subtract, multiply and divide fractions 7. I can convert between fractions, decimals and percentages and find percentages of amounts	1. I can interpret and construct pie charts and line graphs 2. I can calculate and interpret the mean as an average 3. I can solve ratio and proportion problems using a ratio grid 4. I can use scale factors to solve problems, including with maps and drawings 5. I can balance equations containing addition and subtraction expressions 6. I can represent and solve problems with two unknowns using a bar model 7. I can use the order of operations and the distributive law

Mathematics is taught using the NCETM Curriculum Prioritisation materials, delivered through Power Maths. Reception prioritises the NCETM Mastering Number programme. Where the NCETM and Power Maths sequences differ, we follow the NCETM order.