

Maths Long Term Overview — Sequence (EYFS – Year 6)

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Numbers to 5; Matching, Sorting and Comparing - Represent, find and compare numbers 0–5. - Match and sort objects by type.	Number 6–10 + Pattern (Spiral Visit 1) - Count, recognise, match and subitise numbers 6–10; partition and solve problems within 10. - Order, compare and find one more/one less within 10; know bonds, doubles and odd/even to 10; explore, copy and create patterns.	Number 11–20 + Addition & Subtraction Begin + Measure - Build, recognise and represent numbers 11–20 using tens and ones; partition teen numbers and solve problems within 20. - Understand addition as combining and subtraction as taking away, using objects; compare capacity and mass, and find a balance.	Addition & Subtraction within 20; Doubling → Halving; Position & Direction - Add and subtract within 20; extend doubling and introduce halving. - Describe position and direction.	Sharing & Grouping + Measure: Length & Height (Spiral Visit 2) - Share and group objects; deepen understanding of odd and even; apply division knowledge independently. - Compare length and height.	Number Sense Beyond 20 + Pattern (Spiral Visit 2) - Count beyond 20; apply addition, subtraction, doubling and halving facts to bigger numbers. - Consolidate number sense; explore deepened pattern work.
1	Place Value; Addition & Subtraction (within 10) - Count to 10 forwards/backwards; write numbers to 10; identify 1 more/less. - Know number bonds within 10.	Addition & Subtraction (within 10); Geometry - Add and subtract 1-digit numbers to 10, including zero, using +, −, =. - Recognise and name common 2D and 3D shapes.	Place Value (to 50); Addition & Subtraction (within 20) - Count to 50 forwards/backwards; know number bonds within 20. - Add and subtract 1-digit numbers to 20, including zero.	Measurement: Length/Height & Mass/Volume Measure and compare length, height, mass, capacity and volume practically.	Multiplication & Division; Fractions - Count in multiples of 2, 5, 10; solve one-step multiplication/division problems. - Recognise, find and name a half/quarter of an object, shape or quantity.	Place Value (to 100); Money & Time - Count to 100; recognise coin/note values. - Tell the time to the hour and half hour.
2	Place Value; Addition & Subtraction (to 100) - Read/write numbers to 100; recognise place value; count in steps of 2, 3, 5. - Recall addition/subtraction facts to 20 and derive facts to 100.	Addition & Subtraction; Shape; Money - Solve addition/subtraction problems using mental/written methods and inverse operations. - Identify/compare 2D/3D shapes; use £ and p to make amounts.	Multiplication & Division; Fractions - Recall multiplication/division facts for 2, 5, 10; only multiplication is commutative. - Recognise, find and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$, $\frac{3}{4}$.	Measurement: Time; Length/Height - Tell/write time to 5 minutes; know minutes in an hour, hours in a day. - Choose standard units to estimate and measure length and height.	Measurement: Mass/Capacity/Temp; Position - Choose standard units to measure mass, temperature and capacity. - Describe position, direction and movement, including turns.	Statistics; Investigations - Interpret/construct pictograms, tally charts, block diagrams and simple tables. - Apply all taught skills to open investigations.
3	Place Value (to 1000); Addition & Subtraction - Identify, represent and estimate numbers; find 100 more/less; compare/order to 1000. - Add/subtract numbers up to 3 digits mentally and formally.	Addition & Subtraction; Multiplication & Division - Estimate answers and use inverse operations to check. - Count in multiples of 4, 8, 50, 100; recall facts for 3, 4, 8.	Multiplication & Division; Measurement: Perimeter - Solve missing-number problems using known times tables. - Measure, compare, add and subtract lengths; measure perimeter of simple 2D shapes.	Fractions; Measurement: Length/Capacity - Count up/down in tenths; recognise unit/non-unit fractions with small denominators. - Measure, compare, add and subtract lengths, mass and volume/capacity.	Fractions; Money - Recognise equivalent fractions; add/subtract fractions with the same denominator. - Add and subtract amounts of money to give change.	Geometry: Properties of Shape; Statistics - Recognise angles as a turn; identify right angles and horizontal, vertical, parallel and perpendicular lines. - Interpret and present data in bar charts, pictograms and tables.

Long Term Overview (continued)

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Year	Autumn 1 →	Autumn 2 →	Spring 1 →	Spring 2 →	Summer 1 →	Summer 2
4	Place Value; Addition & Subtraction (4-digit) - Find 1000 more/less; recognise place value in a 4-digit number; round to 10/100/1000. - Add/subtract 4-digit numbers using a columnar method.	Multiplication & Division; Measurement: Area - Recall multiplication/division facts up to 12×12; count in multiples of 6, 7, 9, 25, 1000. - Find the area of rectilinear shapes by counting squares.	Multiplication & Division; Length/Perimeter - Multiply 2/3-digit numbers in a formal written layout; recognise factor pairs. - Measure and calculate the perimeter of a rectilinear figure; convert units.	Fractions; Decimals - Recognise families of equivalent fractions; count up/down in hundredths. - Recognise decimal equivalents of tenths/hundredths; divide by 10/100.	Decimals; Money; Time - Compare decimals with the same number of decimal places; round to the nearest whole number. - Estimate, compare and calculate money and time, including 12/24-hour clocks.	Geometry: Shape/Position; Statistics - Identify, compare and order angles; identify lines of symmetry in 2D shapes. - Describe position using coordinates; interpret data using bar charts/time graphs.
5	Place Value; Multiplication & Division - Read, write, order and compare numbers to at least 1,000,000; round with accuracy. - Identify factors, multiples, prime/composite, square/cube numbers.	Multiplication & Division; Fractions - Multiply up to 4 digits by 1/2-digit numbers; divide using short division with remainders. - Compare/order fractions with related denominators; convert mixed/improper fractions.	Decimals & Percentages; Measurement: Area - Read, write, order and compare numbers with up to 3 decimal places; recognise the % symbol. - Measure/calculate the area and perimeter of composite shapes.	Statistics; Geometry: Shape/Position - Solve comparison, sum and difference problems using line graphs, tables and timetables. - Draw/measure angles; identify angles at a point, on a line, and multiples of 90°.	Decimals; Measurement: Converting/Volume - Multiply/divide whole numbers and decimals by 10, 100, 1000. - Convert between metric units; estimate volume using approximate equivalences.	Decimals; Measurement: Converting/Volume (continued) - Solve problems involving decimals using all four operations, including measures. - Estimate and compare volume and capacity.
6	Place Value; Addition, Subtraction, Multiplication & Division - Read, write, order and compare numbers up to 10,000,000; use negative numbers in context. - Multiply using long multiplication; divide using formal written methods with remainders/decimals.	Multiplication & Division; Fractions - Identify common factors, multiples and prime numbers. - Simplify fractions; add/subtract/multiply/divide fractions; recall decimal/% equivalences.	Converting Units; Position; Ratio; Algebra - Convert between standard units of length, mass, volume and time using decimal notation. - Use ratio language/symbol; use simple formulae and generate linear sequences.	Decimals; Fractions - Identify the value of digits given to 3 decimal places; multiply by 10, 100, 1000. - Simplify, compare, order and calculate with fractions; recall decimal/% equivalences.	Measurement: Perimeter/Area/Volume; Statistics; Shape - Use formulae for area and volume problems; compare/estimate volume of cubes and cuboids. - Interpret/construct pie charts and line graphs; calculate the mean.	Geometry: Properties of Shape/Position; Investigations - Compare/classify geometric shapes; find unknown angles in triangles, quadrilaterals, polygons. - Name parts of circles (radius, diameter, circumference); apply skills to investigations.