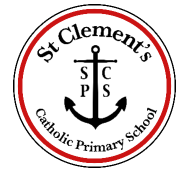


St Clement's Maths Overview

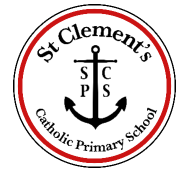
2024/2025



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	<p>Perceptual Subitising Counting, cardinality and ordinality to 5 Composition of 3 and 4 Subitising - arrangements of 2 and 3, making 2s and 3s with fingers, conceptual subitising of 4</p>	<p>Comparison - language, comparing 2 sets, more than, fewer than Counting, ordinality and cardinality - how many, 'fiveness of 5' Comparison – comparison of quantities, matching 1:1, equal number, more than, fewer than Composition – wholes and parts Composition - of 3, 4 and 5. Composing and de-composing numbers, part-part-whole relations Counting, ordinality and cardinality – how many objects, numerosity of the set, 1:1 correspondence, altogether</p>	<p>Subitising – perceptual and conceptual with larger sets Counting, ordinality and cardinality – purpose of counting, how many altogether, order of first 5 numbers Composition - of 5. Combining parts in different ways Composition – die pattern, '5-ness', number pairs for 5, 6 and 7 as '5 and a bit' Comparison – numerosity of sets, equal and unequal, more than, fewer than, equal number</p>	<p>Counting, ordinality and cardinality – purpose of counting, counting sequence, counting beyond 20 repeating pattern, stable order principle Comparison – ordinality, more than, less than, equal to Composition – investigating the numbers within 7, composing and de-composing numbers, part-part-whole Composition - of numbers within 10, 2 equal parts combine to make a whole, equal and not equal, double Composition – sorting objects to different criteria, doubles, even, odd, 2 equal parts</p>	<p>Cardinality, ordinality and counting – how many, last number in count tells how many altogether, counting sequence, missing numbers, counting strategies Subitising – more complex arrangements, develop abstract understanding of number, when to subitise and when to count Composition – composition of 5, recalling part of 5 when 1 part not visible, fingers up and down, 6 and 7 as '5 and a bit' Composition – of numbers 6 to 9 using '5 and a bit' structure, explore how 10 can be composed, 'ten-ness of 10' Comparison – ordinality and numbers in relation to each other.</p>	<p>Review and assess – subitising on a rekenrek Comparison – review and assess Counting – review and assess Number patterns – review and assess Recall – review and assess Understanding – review and assess</p>
Year 1	<p>Number: Place Value (Within 10) Number: Addition and subtraction (within 10)</p>	<p>Geometry: Shape Recognise 2d and 3d shapes Consolidation</p>	<p>Number: Place Value (within 20) Number: Addition and Subtraction (Within 20) Number: Place Value (Within 50)</p>	<p>Measurement: Length and Height compare, measure Measurement: Weight and Volume Measure and compare</p>	<p>Number Multiplication and Division arrays, doubles, equal groups, sharing and grouping Number: Fractions Making half, quarter and whole Geometry: position and direction describe turns and positions</p>	<p>Number: Place Value (within 100) Measurement: Money: recognising, counting coins Measurement: Time: before and after, dates, half hour</p>
Year 2	<p>Number: Place Value Numbers to 100 Number: Addition and Subtraction</p>	<p>Number: Addition and Subtraction Geometry: Properties of Shape 2d & 3d shapes</p>	<p>Measurement: Money – count, compare, find difference and arrays Number: Multiplication and Division</p>	<p>Measurement: Length and Height – measure in cm, order, compare Measurement: Mass Capacity and Temperature</p>	<p>Number: Fractions Half, quarter, third, unit, non-unit, equivalence half and 2 quarters, count in fractions. Measurement: Time O'clock, half past quarter past and to, to 5 minutes</p>	<p>Statistics – pictograms Geometry: position and direction – movement and turns Consolidation:</p>

St Clement's Maths Overview

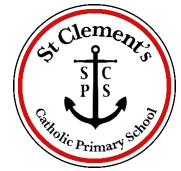
2024/2025



Year 3	<p>Number: Place Value Numbers to 100</p> <p>Number: Addition and Subtraction 3-digit numbers</p>	<p>Number: Addition and Subtraction 3-digit numbers</p> <p>Number: Multiplication and division Equal groups, 2, 5, 3, 4, 8 times tables</p>	<p>Number: Multiplication and Division 2- digit by 1-digit numbers</p> <p>Measurement: Length and Perimeter, m & cm, mm & cm equivalent add and subtract</p>	<p>Number: Fractions</p> <p>Measurement: Mass and Capacity measure, compare, Add and subtract, temperature</p>	<p>Number: Fractions Tenths, fractions of objects, equivalent, compare, order, add, subtract</p> <p>Measurement: Money Pounds and pence, convert, give change</p>	<p>Measurement: Time Months and years, hours in day, am & pm, 24-hour clock, finding durations</p> <p>Geometry: position and direction right angles, horizontal & vertical, parallel perpendicular, shapes</p> <p>Statistics – tally charts, pictograms, bar charts, tables</p>
Year 4	<p>Number: Place Value Numbers to 1000, round to nearest 10, 100, partitioning, count in 25's, negative numbers, Roman numerals</p> <p>Number: Addition and add subtract 4 & 3 digit numbers, estimating, checking strategies</p>	<p>Measurement: Area what is area, counting squares, making shapes, comparing</p> <p>Number: Multiplication and division multiply, divide by 10 and 100, 6, 9, 7 times table</p>	<p>Number: Multiplication and Division 11- and 12-times table, multiply 3 numbers, factor pairs, written methods, division</p> <p>Measurement: Length and perimeter</p>	<p>Number: Fractions unit and non-unit, equivalents, subtract 2 fractions, fractions of quantity</p> <p>Number: Decimals tenths & hundreds, tenths as decimals, divide 1 or 2 digits by 100</p>	<p>Number: Decimals write, compare, order, round, halves, and quarters</p> <p>Measurement: Money Pounds and pence, ordering, estimating, four operations</p> <p>Measurement: Time recap year 3, hours, minutes, seconds, years, months, weeks, days, analogue to digital 12 & 24 hours</p>	<p>Geometry: Properties of Shape Identify angles, compare and order, triangles, quadrilaterals, symmetry</p> <p>Statistics: Interpret charts, comparison, sum, difference, line graphs</p> <p>Geometry: position and direction, describe, draw & move on a grid. Describe movement.</p>
Year 5	<p>Number: Place Value numbers to 1 million, rounding, comparing, counting, roman numerals</p> <p>Number: Addition and Subtraction add and subtract more than 4 digits, rounding, inverse, multistep problems</p>	<p>Number: Multiplication and Division multiples, factors, prime, square, cube numbers, multiply and divide by 10, 100, 1000</p> <p>Number: Fractions Add and Subtract, Mixed numbers</p> <p>Number: Place Value</p>	<p>Number: Multiplication and Division multiply and divide 4 digits by 1 digit, multiply 4 digits by 2 digits, divide with remainders</p> <p>Number: Fractions equivalent, improper, mixed number, compare and order, add and subtract, multiply by integers, fractions of amounts, fractions as operators</p> <p>Number: Decimals and Percentages, thousandths, rounding, ordering, comparing, equivalents</p>	<p>Measurement: Perimeter and Area calculate perimeter, area of rectangles, compound shapes, irregular shapes</p> <p>Statistics: interpret charts, line graphs, tables, timetables</p> <p>Number: Ratio Scale drawing, Scale factors, recipes.</p>	<p>Geometry: Shape Measuring angles in degrees, drawing lines and angles, calculating, lengths and angles, polygons, 3d shape reasoning</p> <p>Geometry: Position and Direction in first quadrant, translation with coordinates, reflections with coordinates</p> <p>Number: Decimals adding, subtracting wholes and decimals, crossing the whole, problem solving, multiply and divide by 10, 100 and 1000</p>	<p>Number: Negative Numbers</p> <p>Measurement: Converting Units KG & KM, mm & ml, metric units, imperial units, converting units of times, timetables</p> <p>Measurement: Volume Compare, estimate, estimate capacity</p> <p>Geometry: Shape</p>

St Clement's Maths Overview

2024/2025



Year 6	<p>Number: Place Value</p> <p>Number: Addition and Subtraction, Multiplication and long and short Division,</p> <p>Number: Fractions A Equivalent fractions and simplifying, Compare and order (denominator) Compare and order numerator. Add and subtractions.</p>	<p>Fractions B Multiply by integers Fraction of amounts</p> <p>Measurement: Converting Units, metric, imperial, calculate, convert, miles and km's</p> <p>Measurement: Converting Units, metric, imperial, calculate, convert, miles and km's</p>	<p>Number: Ratio Scale drawing, Scale factors, recipes.</p> <p>Number: Algebra, Function machines, formulae 1 and 2 step equations, find pairs of values. Solve problems with two unknowns</p> <p>Number: Decimals Place value and integers Round decimals, add and subtract decimals, multiply and divide by 10, 100 and 1000.</p>	<p>Fractions, Decimals and Decimal and percentages</p> <p>Measurement: Perimeter, Area Of triangles parallelograms, Volume of a cuboid</p> <p>Statistics Line graphs, bar charts, pie charts, The mean</p>	<p>Consolidation Fluency, reasoning</p>	<p>Themed Projects Theme Park Year 6 Enterprise</p> <p>WR Bakery WR Tours WR Futures Maths Week Financial Literacy</p>
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