St Alban & St Stephen Catholic Primary School & Nursery

Learning and growing with God by our side

Faith, Friendship, Determination, Respect & Unity

Maths Curriculum Overview 2024-25

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	See Progression of Knowledge and Skills for more info… ● Counting, matching, ordering, arranging numbers 1-3. ● Understanding simple positional language (i.e. next to, on top of, under…) to place an object. ● Identifying groups of objects using 'more' and 'less'. ● Sorting 2D shapes (i.e. squares, circles, triangles and rectangles). ● Noticing and continuing repeating patterns.		See Progression of Knowledge and Skills for more info… ● Counting, matching, ordering, arranging numbers 1-5. ● Understanding simple positional language (i.e. next to, on top of, under…) to describe an object. ● Comparing quantities of up to 3. ● To name all basic 2D shapes. ● To name patterns in the environment. ● To continue a repeating pattern of 2 colours.		See Progression of Knowledge and Skills for more info… ● Counting, matching, ordering, arranging numbers 1-§0 ● Understanding simple positional language (i.e. next to, on top of, under, behind, in front of…) to describe an object. ● To describe a sequence of events with support using words first, then, next, etc… ● To use the language of 'less' and 'fewer'. ● To begin to name 3D shapes (sphere, cube, cuboid) and describe some features (i.e. flat, curved, pointy) ● To notice and correct errors in a repeating pattern.	
Reception	**RLS1** – Subitising **RLS2** – Counting Skills **RLS3** – Comparison (Measures)	**RLS4** – Pattern Recognition **RLS5** – Classification **RLS6** – Counting the Sort	**RLS7** – Using Counting To Compare **RLS8** – Spatial Thinking **RLS9** – Magnitude (Ordering and Estimating)	**RLS10** – Regrouping the Whole **RLS11** – Regrouping Parts To Find The Total (The Whole) **RLS12** – Finding the Whole and Missing Parts	**RLS13** – Ten and Some More **RLS14** – Doubling and Halving	**RLS15** – Odd and Even **RLS16** – Counting Beyond 20
Year 1	Positional & ordinal language, subitising, regrouping, part-whole model for addition & subtraction	Equity & balance, 10 and some more, 1 more/1 less, doubling/halving, odd/even, 2d &3d shape	Comparing length, height, mass, speed, 'Think 10' addition & subtraction	Money, Count in 2s, 5s & 10s, Measures using standard units	Multiplication – repeated addition & arrays, division by sharing & grouping, time o'clock & half past	Fractions – equal groups, halves & quarters, Place value – tens and ones

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 2	Place value tens & ones, regrouping, count on/back in 10s/1s, order & compare numbers	Mental addition & subtraction, compliments of 10/100, money – combinations & giving change, measure – using scales	Statistics – block graphs, pictograms, tables, tally charts. Written addition & subtraction Time – o'clock, half past, quarter past, quarter to, comparing time.	Doubling & halving, times tables – 2s, 5s, 10s. Multiplication – repeated addition, grouping, product. Division – sharing & grouping, remainders	Fractions – halves, quarters, three quarters, thirds, equivalent fractions Time – nearest 5 minutes.	Properties 2d &3d shapes, symmetry, rotation, right angles
Year 3	Place value & regrouping, count on/back in 1s, 10s, 100s, rounding, mental & written addition/subtraction	Word problems, statistics – bar charts & tables, angles – right angles, perpendicular & parallel lines, 2d shapes – find perimeter	Multiplication – 3,4 & 8 times tables Division – 1,2,3, 4, 5 & 8 times tables, Statistics – pictograms & scaled bar charts Fractions – discrete & continuous quantities	Fractions – order & compare, add & subtract Multiplication – written method	Division – by single digit and long division Time – hours, minutes, seconds, analogue & digital, duration	Place value and decimals Measures 3d shapes and properties
Year 4	Place value, rounding numbers Revision written addition & subtraction. Multiplication & division facts. Factor pairs, integer scaling & correspondence problems	Multiply & divide by 10/100 Measure – conversion of units Discrete and continuous data, including scales. Perimeter.	Properties of shape Symmetry Calculating with decimal numbers. Measure – money Fractions – add & subtract, fractions of quantities & measures.	Equivalent fractions – ordering & comparing Multiplication and division of 3 digit number with 1 digit number – formal written layout	Time – analogue & digital – 12 hour & 24 hour clocks Statistic – interpret continuous & discrete data Roman numerals to 100 and 0 - link to Romans Autumn 1 Negative numbers Geometry – angles, properties of triangles	Geometry – coordinates & translations. Revise multiplication & division Area Revise fractions
Year 5	Place value & rounding, interpret negative numbers Multiply & divide by 10, 100, 1000 Prime & composite numbers	Written methods for addition, subtraction, multiplication & division Equivalent fractions Compare & order fractions Add & subtract fractions.	Multiply fractions Convert units of measurement Area, volume & capacity	Percentages 3d shapes from 2d representations Reflection & translation Perimeter Estimate, measure & draw angles	Formal methods for division & multiplication Conversion of imperial & metric measures Scaling by simple fractions Fractions, percentage & decimal problems	Regular & irregular polygons Statistics – line graphs Roman numerals

					Reading timetables	
Year Group	**Autumn 1**	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**
Year 6	Place value Multiply & divide by 10, 100, 1000 Solve problems with 4 operations Equivalent fractions, compare & order fractions Add & subtract fractions	Fractions & decimal equivalents Calculate percentages Formal written method multiplication Area of triangles & parallelograms Formal written method short division Properties of shape	Order of operations & algebra Formal written method long division Relationship between perimeter & area Recognise angles Reflection & translation Multiplying & dividing fractions	Ratio and proportion Volume Measures Statistics – interpret line graphs & pie charts Algebra & sequences	Statistics – calculate & interpret mean average Apply known facts and calculation strategies. Revision for SATs.	Constructing pie charts Statistical representation Algebra Financial maths & enterprise