St. Bede's Catholic Primary School   Year 2 Maths Scheme of Learning

Autumn
Place Value:
- count in steps of 2 and 5 from 0, and in 10s from any number, forward and backward
- Identify, represent and estimate numbers using different representations (100 squares, number lines, bead strings)
- Comparing and ordering number up to 100, including using inequality signs
- Understand basic place value (10s and 1s, partitioning)
- Recap ordinal numbers
Addition & Subtraction:
- Number bonds to 20, related subtraction facts and utilising them to complete simple and more complex calculations (bridging 10).
- 1 and 10 more and 1 and 10 less using a 100 square.
- Adding and subtracting 10s
- Adding and subtracting two 2 digit number (not bridging 10/100 using partitioning)
- Adding 3 single digits
Measurement - Units of Measurement:
- Length and Height
- Time (analogue to the nearest quarter)
Geometry - Properties of 2D Shapes:
- Identifying and classifying (sides and vertices)
- Symmetry
- Drawing 2D shapes
- Patterns with 2D shapes
Multiplication & Division:
- Counting in 2s and 10s
- Odd and Even numbers
- Doubling to 10, Halving to 20
Statistics:
- Reading tally charts
- Reading and making pictograms
Place Value:
- Count in steps of 3 from 0
- Comparing and ordering number up to 100, including using inequality signs (consolidation)

- Place value addition and subtraction (Two digit partitioning)
- Introduce rounding to the nearest 10
- Understanding place value (100s, 10s and 1s
- Write numbers in numerals and words

Spring
Addition & Subtraction: - Number bonds to 10, bridging 10, finding difference using a number line, adding by counting on.   - Adding and subtracting two 2 digit number (bridging 10/100)   - Addition and subtraction money problems   - Introduction of column addition and subtraction
Measure - Units of Measurement: - Mass and Temperature   - Time (duration – secs, mins, hrs, days, weeks, months, years)
Geometry - Properties of 3D Shapes: - Identifying and classifying (edges, faces - using 2D shape names and vertices)   - Sorting and comparing 3D shapes
Multiplication & Division: - Counting in 2s, 5s and 10s   - Relationship between multiplication and division   - Written Multiplication and Division   - Reasoning & Problem Solving   - Doubling to 15, Halving to 20
Fractions - Halves, Quarters and Thirds: - recognising a half, quarter and third of a shape,   - finding halves, quarters and thirds of quantities,   - unit and non-unit fractions   - equivalence – ½ and $\frac{2}{4}$
Statistics: - Making tally charts

- Reading and making block graphs
Place Value: - Comparing and ordering number above 100, including using inequality signs (consolidation) - Use place value and number facts to solve problems

Summer
Place Value: - Comparing and ordering number above 100, including using inequality signs - Use place value and number facts to solve problems
Addition & Subtraction: - Use known number facts, partitioning, counting on to solve addition and subtraction calculations. - Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems - Number bonds to 100 (multiples of 10) - Column addition and subtraction
Measure - Units of Measurement: - Capacity - Money - Time (Analogue to the nearest 5mins)
Geometry - Position and Direction: - Describe position, direction and movement using the appropriate vocabulary. - Understand rotation as a turn and link to right angles (quarter, half and three quarter) and clockwise and anticlockwise.
Multiplication & Division: - Counting in 2s, 5s, 10s and 3s - Relationship between multiplication and division - Written Multiplication and Division - Reasoning & Problem Solving - Doubling to 20, Halving to 40
Fractions: - Counting in Fractions
Statistics:

- Tables