**St Charles RC Primary School**

**Maths Curriculum Map**

**2022-23**

| **Term** | **Nursery** | **Reception** | **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
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| **Autumn** | **Mastering the curriculum** | **Mastering Number Programme** | **Mastering Number Programme** | **Mastering Number Programme** | **Number**  Number sense and exploring calculation strategies  Place value  **Statistics**  Graphs  **Number**  Addition and subtraction  **Measures**  Length and perimeter | **Number**  Reasoning with large numbers  Addition and subtraction Multiplication and division  **Statistics**  Discrete and continuous data | **Number**  Reasoning with large whole integers  Integer addition and subtraction  **Statistics**  Line graphs and timetables  **Number**  Multiplication and division  **Measures**  Perimeter and area | **Number**  Integers and decimals Multiplication and division  Calculation problems Fractions  **Geometry**  Missing angles and length |
| **Sorting**  Colour  Size  shape  Matching  **Numbers 1 - 2**  Subitising  Counting  Numerals  **Patterns** | **Patterns & Connections**  Early mathematical experiences  Pattern and early number  **Number**  Numbers within 6  Addition and subtraction within 6  **Spatial Reasoning**  Measures  **Patterns & Connections**  Shape and sorting | **Number**  Numbers to 10  Addition and subtraction within 10  **Geometry**  Shape and patterns  **Number**  Numbers to 20  Addition and subtraction within 20 | **Number**  Numbers within 100 Addition and subtraction of 2-digit numbers  Addition and subtraction word problems  **Measures**  Length  **Statistics**  Graphs  **Number**  Multiplication and division: 2, 5, and 10 |
| **Spring** | **Mastering the curriculum** | **Mastering Number Programme** | **Mastering Number Programme** | **Mastering Number Programme** | **Number**  Multiplication and division  Deriving multiplication and division facts  **Measures**  Time  **Number**  Fractions | **Number**  Securing multiplication facts Fractions  **Measures**  Time  **Number**  Decimals  **Measures**  Area and perimeter | **Number**  Fractions and decimals  **Geometry**  Angles  **Number**  Fractions and percentages  **Geometry**  Transformations | **Geometry**  Coordinates and shapes  **Number**  Fractions  **Measure**  Decimals and measure  **Number**  Percentage  **Number**  Proportion problems |
| **Number 3, 4, 5, 6**  Subitising  1:1 correspondence    **Height**  **Length**  **Mass capacity** | **Number**  Numbers within 10  **Patterns & Connections**  Calendar and time  **Number**  Addition and subtraction within 10  **Patterns & Connections**  Grouping and sharing  **Number**  Number patterns within 15  Doubling and halving  **Patterns & Connections**  Shape and pattern | **Measures**  Time  **Number**  Exploring calculation strategies within 20 Numbers to 50  Addition and subtraction within 20  Fractions  **Measures**  Length and mass | **Measures**  Time  **Number**  Fractions  Addition and subtraction of 2-digit numbers  **Measures**  Money  **Geometry**  Face, shapes and patterns; lines and turns |
| **Summer** |  | **Mastering Number Programme** | **Mastering Number Programme** | **Mastering Number Programme** | **Geometry**  Angles and shape  **Measures**  Mass, volume and capacity  **Number**  Securing multiplication and division  Exploring calculation strategies and place value  **Consolidation and fluency** | **Measures**  Solving measures and money problems  **Geometry**  Shape and symmetry Position and direction  **Number**  Reasoning with pattern and sequences  **Geometry**  3-D shape  **Times tables test prep**  **Consolidation and fluency** | **Measures**  Converting units of measure  **Number**  Calculating with whole numbers and decimals  **Geometry**  2-D and 3-D shape  **Measures**  Volume  **Number**  Problem solving  **Consolidation and fluency** | **Algebra**  **SATS prep**  **Year 7 Prep** |
| **More than/fewer than**  **One more**  **One less**  **2d shape**  **3d shape**  **Night and Day**  **Ordering events**  **Positional Language** | **Number**  Securing addition and subtraction facts  Number patterns within 20  Number patterns beyond 20  Money  **Spatial Reasoning**  Measures  **Patterns & Connections**  Exploration of patterns within number | **Number**  Numbers 50 to 100 and beyond  Addition and subtraction  **Measures**  Money  **Number**  Multiplication and division  **Measures**  Capacity and volume | **Number**  Numbers within 1000  **Measures**  Capacity and volume  Mass  **Number**  Exploring calculation strategies  Multiplication and division: 3 and 4  **SATS prep** |