**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** ColourSizeshapeMatching**Numbers 1 - 2**SubitisingCountingNumerals **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**Subitising1:1 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** |