**Mathematics overview Whole School 21-22**

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| EYFS | NumberHave a deep understanding of number to 10- Subitise (recognise quantities without counting) up to 5; - Automatically recall number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts. **Numerical patterns**Verbally count beyond 20, recognising the pattern of the counting system; - Compare quantities up to 10 greater than, less than or the same as the other quantity; - Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally**Shape, space and measures:**length, weight and capacity,2D and 3D shapes, position, direction and movement |
| Y1/2 | **Number:**Number and place value; addition and subtraction; multiplying and dividing; fractions.**Measurement**Capacity and volume, mass, length, time, money**Geometry:**Properties of shapes, position, and direction.**Statistics (Y2)****Fluency, reasoning, and problem solving across all areas.** |
| Y2/3 | **Number:**Number and place value; addition and subtraction; multiplying and dividing; fractions **Measurement**Capacity, mass, perimeter, length, and time (including Roman Numerals, 12-hour and 24-hour clocks)**Geometry:**Properties of a shape, angles, position, and direction., symmetry **Statistics**Bar charts, pictograms, tables, solving one and two step questions and interpreting data in many contexts. **Fluency, reasoning, and problem solving across all areas.** |
| Y4/5 | **Number**place value, addition and subtraction, multiplications and division, fraction (including decimals Y4 and decimals and percentages Y5)**Measurement**Converting between units of measurement, perimeter, area, (volume Y5) estimating, comparing, and calculating money and other measures. Solving measures problems including scaling. **Geometry** – properties of shape**Geometry-** position and direction. **Statistics**Interpret and present data using a range of graphical methods. Solving problems using information presented.(Y5 information in tables-including timetables.)**Fluency, reasoning and problem solving across all areas.** |
| Y5/6 | **Number** - place value**Number-**addition, subtraction, multiplication, and division**Number-**fractions (including decimals and percentages)**Ratio and proportion****Algebra****Measurement-**mass, volume, and capacity, perimeter, area, length, time**Geometry-**properties of shapes**Geometry-** position and direction**Statistics****Fluency, reasoning and problem solving across all areas.** |