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| **Year 4 Long Term Plan 2021-22** |
| **Autumn** | **Number: Place Value**Facts for 3s, 4s, 8s, 10s, 50sCount in multiples of 25 1,000Find 1,000 more / lessOrder and compare numbers beyond 1,000Recognise place value of each digit in a 4 digit number Rounding to nearest 10, 100, 1,000Roman numerals to 1000 | **Addition and Subtraction**Mental addition and subtraction using 100s and 1000s Add and subtract numbers up to 4-digit using column additionEstimate and use inverse operation to check calculations | **Multiplication and Division**Facts for 6s, 7s, 9s, 11s, 12sMultiply 2 and 3 digits numbers by a 1 digit number using written methodDivide up to 3 digits by 1 digit using written methodX 3 single digits together | **Measurement**Convert between units of measurement (mm, m, cm recap)LengthPerimeterArea |
| Include Measurement Reasoning and problem solving | Include MeasurementReasoning and problem solving | Include MeasurementReasoning and problem solving |
| **Spring** | **Place Value** Negative numbersRecap counting in 25s, 1000s | **Multiplication and Division**Recap multiplication and division factsMultiply and divide by 10 and 100Factor PairsEfficient multiplicationCorrespondence problems | **Fractions**Equivalent fractionsFractions of quantities Addition and subtraction of fractions with the same denominator across 1 whole | **Decimals**Decimal equivalentsRounding and comparing decimalsRecognise tenths and hundredthsRecap multiplying and dividing by 10 and 100(explicit link to measure) | **Measurement: Time**Recap Roman Numerals Read, write and convert 12 and 24Convert hours to minutes, minutes to seconds, years to months, weeks to days |
| Include Measurement Reasoning and problem solving | Include MeasurementReasoning and problem solving | Reasoning and problem solving |
| **Summer** | **Decimals**Fraction and decimal equivalentsRounding and comparing decimals | **Measurement: Money**Pounds and penceOrdering moneyEstimating money**Addition and subtraction** of up to 4 digits with decimals | **Statistics** Bar chartsTime graphs Time tables  | **Geometry: Properties of Shape**Properties of 2d and 3d shapeIdentifying anglesCompare and order angles | **Geometry:** **Position and Direction**Lines of symemetryCo-ordinates Positions and translations | **Consolidation**Integer scaling problemsHarder Recap correspondence problems (n and m objects) |
| Include Measurement Reasoning and problem solving | Reasoning and problem solving | Reasoning and problem solving | Include MeasurementReasoning and problem solving |