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| **Year 4 Long Term Plan 2021-22** | | | | | | | | |
| **Autumn** | **Number: Place Value**  Facts for 3s, 4s, 8s, 10s, 50s  Count in multiples of 25 1,000  Find 1,000 more / less  Order and compare numbers beyond 1,000  Recognise place value of each digit in a 4 digit number  Rounding to nearest 10, 100, 1,000  Roman numerals to 1000 | | **Addition and Subtraction**  Mental addition and subtraction using 100s and 1000s  Add and subtract numbers up to 4-digit using column addition  Estimate and use inverse operation to check calculations | | **Multiplication and Division**  Facts for 6s, 7s, 9s, 11s, 12s  Multiply 2 and 3 digits numbers by a 1 digit number using written method  Divide up to 3 digits by 1 digit using written method  X 3 single digits together | | | **Measurement**  Convert between units of measurement (mm, m, cm recap)  Length  Perimeter  Area |
| Include Measurement Reasoning and problem solving | | Include Measurement  Reasoning and problem solving | | Include Measurement  Reasoning and problem solving | | | |
| **Spring** | **Place Value**  Negative numbers  Recap counting in 25s, 1000s | **Multiplication and Division**  Recap multiplication and division facts  Multiply and divide by 10 and 100  Factor Pairs  Efficient multiplication  Correspondence problems | **Fractions**  Equivalent fractions  Fractions of quantities  Addition and subtraction of fractions with the same denominator across 1 whole | | **Decimals**  Decimal equivalents  Rounding and comparing decimals  Recognise tenths and hundredths  Recap multiplying and dividing by 10 and 100  (explicit link to measure) | | | **Measurement: Time**  Recap Roman Numerals  Read, write and convert 12 and 24  Convert hours to minutes, minutes to seconds, years to months, weeks to days |
| Include Measurement Reasoning and problem solving | | Include Measurement  Reasoning and problem solving | | Reasoning and problem solving | | | |
| **Summer** | **Decimals**  Fraction and decimal equivalents  Rounding and comparing decimals | **Measurement: Money**  Pounds and pence  Ordering money  Estimating money  **Addition and subtraction** of up to 4 digits with decimals | | **Statistics**  Bar charts  Time graphs  Time tables | **Geometry: Properties of Shape**  Properties of 2d and 3d shape  Identifying angles  Compare and order angles | **Geometry:**  **Position and Direction**  Lines of symemetry  Co-ordinates  Positions and translations | **Consolidation**  Integer scaling problems  Harder Recap correspondence problems (n and m objects) | |
| Include Measurement  Reasoning and problem solving | | | Reasoning and problem solving | Reasoning and problem solving | Include Measurement  Reasoning and problem solving | | |