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| **Year 5** |  | | | | | | | | | | | | | |
| **Autumn**  NB- Autumn Term is 15 weeks, therefore extend Addition and  Subtraction strand to end of term | **Number: Place value**  All strands of NC  Counting forwards and backwards in steps of 10, 100 & 1000  Recognise negative numbers in context | | | **Roman Numerals** | **Number: Place value**  Rounding | **Multiplication and Division**  Factors, multiples, primes and squares | | | **Number: Place value**  Order and compare numbers to 3 decimal places  Multiplying whole numbers and decimals by 10, 100, 1,000 | **Addition and Subtraction**  Column methods  Missing digits Word problems (**Measure)** | **Multiplication and Division**  Factors & common factors  Multiplying and dividing by 1 digit  Formal methods | | **Geometry**  Area and Perimeter | | |
| Include measurement – all contexts  Reasoning and problem solving | | | | | Include measurement – all contexts  Reasoning and problem solving | | | | Include measurement all contexts  Reasoning and problem solving  Conversion of units | | Include measurement all contexts  Reasoning and problem solving | | Include measurement all contexts  Reasoning and problem solving | | |
| **Spring** | **Multiplication and Division**  Multiplying and dividing 4 digit by 1 digit & 2 digit  (bus stop method) | **Fractions**  Order with denominators which are all multiples of the same number  Recognising, comparing and ordering  Equivalent fractions, improper fractions & mixed fractions | | | | | **Fractions**  Add and subtract where denominators and multiples of the same number | | **Fractions**  Decimals as fractions  Percentages  Multiplying proper fractions by whole numbers and mixed numbers | | **Geometry**  3D shapes Nets  Reflection & translation  **(Time)**  Volume (Measure) | | **Statistics and Time**  Reading timetables  Drawing and interpreting tables and graphs/ charts | | |
| Include measurement – all contexts  Reasoning and problem solving | | | | | | | | | | | Include measurement – all contexts  Reasoning and problem solving | | Include measurement – all contexts  Reasoning and problem solving | | |
| **Summer** | **Statistics and Time**  Drawing and interpreting tables and graphs/ charts | | **Geometry**  Properties of 2d shape  Angles  Area and Perimeter  Volume (Measure) | | | | | **Addition and Subtraction**  Decimal numbers | | | **Geometry**  Area and Perimeter  (review) | **Multiplication and Division**  **Formal methods**  4 digit x 1 digit  2 digit x 2 digit 3 digit x 2 digit  3 digit ÷ 1 digit  4 digit ÷ 1 digit | | **Geometry**  Volume (Measure) | |
| Sequencing and rounding  Reasoning and problem solving | | | | | | | | Include measurement – all contexts  Reasoning and problem solving | | | Include measurement – all contexts  Reasoning and problem solving | Include measurement – all contexts  Reasoning and problem solving | Include measurement – all contexts  Reasoning and problem solving | | |