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| **Year 5** |  |
| **Autumn**NB- Autumn Term is 15 weeks, therefore extend Addition andSubtraction strand to end of term | **Number: Place value**All strands of NCCounting forwards and backwards in steps of 10, 100 & 1000Recognise 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 placesMultiplying whole numbers and decimals by 10, 100, 1,000 | **Addition and Subtraction**Column methodsMissing 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 contextsReasoning and problem solving | Include measurement – all contextsReasoning and problem solving | Include measurement all contextsReasoning and problem solvingConversion of units | Include measurement all contextsReasoning and problem solving | Include measurement all contextsReasoning 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 numberRecognising, comparing and ordering Equivalent fractions, improper fractions & mixed fractions  | **Fractions**Add and subtract where denominators and multiples of the same number | **Fractions**Decimals as fractionsPercentagesMultiplying proper fractions by whole numbers and mixed numbers  | **Geometry**3D shapesNets Reflection & translation **(Time)**Volume (Measure) |   **Statistics and Time**Reading timetablesDrawing and interpreting tables and graphs/ charts  |
| Include measurement – all contextsReasoning and problem solving | Include measurement – all contextsReasoning and problem solving | Include measurement – all contextsReasoning and problem solving |
| **Summer**  | **Statistics and Time**Drawing and interpreting tables and graphs/ charts | **Geometry**Properties of 2d shapeAnglesArea and PerimeterVolume (Measure) | **Addition and Subtraction**Decimal numbers | **Geometry**Area and Perimeter(review) | **Multiplication and Division****Formal methods** 4 digit x 1 digit2 digit x 2 digit3 digit x 2 digit3 digit ÷ 1 digit4 digit ÷ 1 digit | **Geometry**Volume (Measure) |
| Sequencing and rounding Reasoning and problem solving | Include measurement – all contextsReasoning and problem solving | Include measurement – all contextsReasoning and problem solving | Include measurement – all contextsReasoning and problem solving | Include measurement – all contextsReasoning and problem solving |