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| **Year 5** | | | | | | | | | | | |
| **Autumn** | **Number: Place value**  All strands of NC | **Addition and Subtraction**  Mental vs written | | **Multiplication and Division**  **Measure**  Properties of number – sq, cubed, factors, prime  Multiplying whole numbers and decimals by 10, 100, 1,000  Converting units of **measure** | | | | | **Fractions**  Equivalent Fractions, Compare and Order Fractions  Recognising mixed numbers and improper fractions | | | |
| Include measurement – all contexts  Reasoning and problem solving | | Include measurement – all contexts  Reasoning and problem solving  Include use of decimals and statistics through problem solving | | Include measurement all contexts  Reasoning and problem solving | | | Include measurement all contexts  Reasoning and problem solving | | | | | |
| **Spring** | **Fractions**  Add and subtract where denominators and multiples of the same number | **Fractions**  Multiplying proper fractions by whole numbers | | **Geometry**  Properties of 2D & 3D shape  Angles  Perimeter, Area, Volume & Capacity | | | | Measurement **Time**  **Position & Direction**  Reading timetables  Different units of measure | | | | |
| 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** | **Multiplication and Division**  4 digit x 1 digit  2 digit x 2 digit  3 digit x 2 digit  3 digit ÷ 1 digit  4 digit ÷ 1 digit | **Number: decimals**  Reading and expressing as decimals  Equivalents  Order and compare | | | **Decimals**  Addition and subtraction of mixed decimals | **Percentages** | **Statistics** | | | **Measure**  Involving all operations | | |
| 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 | | |