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| **Year 6** | | | | | | | | | | | | | |
| **Autumn** | **Number: Place Value**  Revise all NC objectives | | **Addition and Subtraction**  Word problems  All methods  Revise all NC objectives | | **Multiplication and Division**  Factors, multiples, prime numbers  Area and perimeter  Volume | | | | | **Multiplication and Division**  4 digit x 2 digit  4 digit ÷ 2 digit | | | | |
| Include measurement – all contexts  Reasoning and problem solving | | | Include measurement – all contexts  Reasoning and problem solving | | Include measurement – all contexts  Reasoning and problem solving | | | | | | | Converting measure | | |
| **Spring** | **Fractions**  Simplifying fractions  Comparing fractions  Add and subtract with different denominators  Multiplying proper fractions  Dividing proper fractions by a whole number | | | **Fractions, Decimals and Percentages** (relationships and equivalents) | | **Decimals, percentages**  Adding and subtracting decimals  Comparing decimals  Calculating percentages | | **BIDMAS** | **Ratio and Proportion**  Problem solving involving:  Missing values (x and ÷)  Calculation of percentages  Shapes and scale factors  Fractions and multiples | | | | **Statistics**  Pie charts  Line graphs  Mean, median, mode, range | |
| Include measurement – all contexts  Reasoning and problem solving  **Time** | | | | Include measurement – all contexts  Reasoning and problem solving | | Include measurement – all contexts  Reasoning and problem solving  **Shape (angles, properties and nets)** | | | **Geometry:**  **Position and Direction**  Position in all 4 quadrants  **Translation& Reflection** | | | | Include measurement – all contexts  Reasoning and problem solving | |
| **Summer** | **Algebra**  simple formulae  Generate and describe linear sequences | **Multi-step problems**  **All contexts** | | | | SATs | **Algebra**  Generate and describe linear sequences  Express missing number problems algebraically  Find pairs of numbers that satisfy an equation with 2 unknowns | | | | **Properties of Number**  Revise all NC objectives | | | |
| Include measurement – all contexts  Reasoning and problem solving | | Revise timetables | Include measurement –  all contexts  Reasoning and problem solving | | |  | Reasoning and problem solving | | | | Include measurement – all contexts  Reasoning and problem solving | | | |