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| **Year 6** |
| **Autumn** | **Number: Place Value**Revise all NC objectives | **Addition and Subtraction**Word problemsAll methodsRevise all NC objectives | **Multiplication and Division**Factors, multiples, prime numbersArea and perimeterVolume | **Multiplication and Division**4 digit x 2 digit4 digit ÷ 2 digit |
| Include measurement – all contextsReasoning and problem solving | Include measurement – all contextsReasoning and problem solving | Include measurement – all contextsReasoning and problem solving  | Converting measure |
| **Spring** | **Fractions**Simplifying fractionsComparing fractionsAdd and subtract with different denominatorsMultiplying proper fractionsDividing proper fractions by a whole number | **Fractions, Decimals and Percentages** (relationships and equivalents) | **Decimals, percentages**Adding and subtracting decimalsComparing decimalsCalculating percentages | **BIDMAS** | **Ratio and Proportion**Problem solving involving:Missing values (x and ÷)Calculation of percentagesShapes and scale factorsFractions and multiples | **Statistics**Pie chartsLine graphsMean, median, mode, range |
| Include measurement – all contextsReasoning and problem solving**Time** | Include measurement – all contextsReasoning and problem solving | Include measurement – all contextsReasoning and problem solving**Shape (angles, properties and nets)** | **Geometry:****Position and Direction**Position in all 4 quadrants**Translation& Reflection**  | Include measurement – all contextsReasoning and problem solving |
| **Summer**  | **Algebra**simple formulaeGenerate and describe linear sequences | **Multi-step problems****All contexts** | SATs | **Algebra**Generate and describe linear sequencesExpress 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 contextsReasoning and problem solving | Revise timetables | Include measurement – all contextsReasoning and problem solving |  | Reasoning and problem solving | Include measurement – all contextsReasoning and problem solving |