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| **Year 6** |
| **Autumn**NB- Autumn Term is 15 weeks, therefore extend 4 ops strands | **Number: Place Value** Read write 10 millionRound any numberNeg numbers in contextProblem solveMultiplication/division – powers of 10 | **Measure**Converting units of measureLength mass Problem solve measureX ÷ powers of 10 | **Addition and Subtraction**All methodsSolve multi-step problems in contextMental calculationsestimate |  **Multiplication and Division**Factors, multiples, prime numbersBIDMAS Revise 4 digit x 1 digit4 digit ÷ 1 digitUse decimals in multiplication and divisionMental calculations | **Fractions**Simplifying fractionsComparing fractions Add and subtract with different denominatorsMultiplying proper fractionsDividing proper fractions by a whole number | **Multiplication and Division**4 digit x 2 digit4 digit ÷ 2 digit  |
| Include measurement – all contextsReasoning and problem solving |
| **Spring** | **Decimals, percentages**EquivalentsParts of whole shape, quantity compare and order | **Geometry:****Position and Direction**Position in all 4 quadrants**Translation** **Reflection** **Nets of 3D shapes** | **Algebra**Simple formulae Generate and describe linear sequences Generate and describe linear sequencesExpress missing number problems algebraically Find pairs of numbers that satisfy an equation with 2 unknowns | **Measurement**Area and Perimeter Volume | **Ratio and Proportion**Problem solving involving:Missing values (x and ÷)Calculation of percentagesShapes and scale factorsFractions and multiples | **Measurement****Angles around a point****Intersecting lines** |
| Include measurement – all contextsReasoning and problem solving |
| **Summer**  | **Geometry**Properties of 2d and 3d shapesAngles in 2D shapesParts of a circle | **Statistics**Pie chartsLine graphsMean | SATs | **Consolidation****Maths problems** |
| Include measurement – all contextsReasoning and problem solving |