|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Year 6** | | | | | | | | | | | | |
| **Autumn**  NB- Autumn Term is 15 weeks, therefore extend 4 ops strands | **Number: Place Value** Read write 10 million  Round any number  Neg numbers in context  Problem solve  Multiplication/division – powers of 10 | **Measure**  Converting units of measure  Length mass  Problem solve measure  X ÷ powers of 10 | | **Addition and Subtraction**  All methods  Solve multi-step problems in context  Mental calculations  estimate | | **Multiplication and Division**  Factors, multiples, prime numbers  BIDMAS  Revise 4 digit x 1 digit  4 digit ÷ 1 digit  Use decimals in multiplication and division  Mental calculations | | | **Fractions**  Simplifying fractions  Comparing fractions Add and subtract with different denominators  Multiplying proper fractions  Dividing proper fractions by a whole number | | | **Multiplication and Division**  4 digit x 2 digit  4 digit ÷ 2 digit | |
| Include measurement – all contexts  Reasoning and problem solving | | | | | | | | | | | | | |
| **Spring** | **Decimals, percentages**  Equivalents  Parts 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 sequences  Express 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 percentages  Shapes and scale factors  Fractions and multiples | **Measurement**  **Angles around a point**  **Intersecting lines** | | |
| Include measurement – all contexts  Reasoning and problem solving | | | | | | | | | | | | | |
| **Summer** | **Geometry**  Properties of 2d and 3d shapes  Angles in 2D shapes  Parts of a circle | | **Statistics**  Pie charts  Line graphs  Mean | | SATs | | **Consolidation**  **Maths problems** | | | | | | |
| Include measurement – all contexts  Reasoning and problem solving | | | | | | | | | | | | | |