**Grove Vale - Maths Long term Plan 2018-19**

Please note: all unit lengths are approximate

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|  | **Aut 1** | **Aut 2** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
| **Year 1** | Number and place  Value ( 4 weeks)  Addition and subtraction (3 weeks) | Geometry (2 weeks)  Number and place  Value (3 weeks)  Addition and subtraction (3 weeks) | Number and place  Value (2 weeks)  Addition and subtraction (2 weeks)  Multiplication and division (2 weeks) | Fractions (2 weeks)  Measures – money (2 weeks)  Measures length and height (2 weeks) | Number and place  Value (1 week)  Fractions (1 week)  Measures – time (2 weeks) | Number - 4 operations (3 weeks)  Measurement - weight and capacity (3 weeks)  Revisit and consolidate. |
| **Year 2** | Number and place  Value (3 weeks)  Addition and subtraction (3 weeks)  Geometry – Shape (1 week) | Multiplication and division (3 weeks)  Fractions (1 week)  Measures – Money (2 weeks) | Number and place  Value (1 week)  Measurement – length, height, capacity/ volume, temperature, mass (3 weeks)  Statistics (1 week) | Addition and Subtraction (2 weeks)  Measure – Time (2 weeks)  Multiplication and Division (2 weeks) | Fractions (1 week)  Sats Revision and Boosters | Statistics  Geometry – position and direction  Revisit and consolidate. |
| **Year 3** | Number and place  Value (3 weeks)  Addition and subtraction (3 weeks) | Multiplication and division (2 weeks)  Geometry – Shape (2 weeks)  Measures - area and perimeter (2 weeks) | Number and place  Value (2 weeks)  Multiplication and division (2 weeks)  Measurement - money inc add and subtract (2 weeks) | Fractions (2 weeks)  Measures – Time (2 weeks)  Measure – length/ volume/ capacity/ mass (2 weeks) | Fractions (2 weeks)  Geometry – Shape (2 weeks) | Number and Place value (1 week)  Statistics (2 weeks)  Geometry – Position and Direction (1 week)  Revisit and consolidate. |
| **Year 4** | Number and place  Value (3 weeks)  Addition and subtraction (3 weeks) | Multiplication and division (3 weeks)  Geometry – Shape (2 weeks)  Measures - area and perimeter(2 weeks) | Number and place  Value (1-2 weeks)  Four written methods recap (1 week)  Fractions (3-4 weeks) | Decimals (2 weeks)  Measure – Time (2 weeks)  Measurement – money inc addition and subtraction (3 weeks) | Geometry - shape and symmetry (2 weeks)  4 operations (1 week)  Measurement – money inc multiplication and division (1 week) | Measures – conversions, length, mass and capacity (3 weeks)  Geometry - position and direction (2 weeks)  Statistics (2 weeks) |
| **Year 5** | Number and place  Value (2 weeks)  Decimals (1 week)  Calculation - 4 operations (4 weeks) | Geometry – Shape/ angles (3 weeks)  Measures – area and perimeter (2 weeks)  Fractions –simplifying, converting, ordering, comparing and fractions of amounts (3 weeks) | Fractions/ Decimals/ percentages – equivalents, simplifying and converting, calculating with fractions, calculating percentages (6 weeks) | Number and Place Value (1 week)  Multiplication and Division (factors, multiples, prime, square and cubed numbers) – 2 weeks  4 operations inc problems involving measure and money/ decimals (4 weeks) | Measures – conversions inc reading scales (2 weeks)  Statistics – reading and constructing graphs and pie charts (2 weeks) | Geometry – position and direction (1 week)  Measures - time (1 – 2 weeks)  Statistics - reading tables and timetables (1 week)  Review and consolidate through problems and investigations |
| **Year 6** | Number and place value- reading, writing, comparing, negative numbers (2 weeks)  Calculation - 4 operations inc. measures and money, BIDMAS (3 weeks)  Statistics – pie charts (1 week)  Shape – 3D shapes and nets (1 week)  Measure – converting between measures inc. imperial (1 week) | Multiplication and division number facts – factors, multiples, squared and cubed numbers, prime numbers (1 week)  Fractions/ decimals/ percentages – equivalents, ordering, comparing, fractions and percentages of amounts inc. money and measures – 2 weeks  Ratio and proportion – linked to fractions – 1 week  Shape – angles and constructing 2D shapes – 2 weeks | Number and place value – rounding and Roman numerals – 1 week  Calculation and measure – addition, subtraction, multiplication and division inc decimals, money – 2 weeks  Measure – area/ perimeter and volume ( 2 weeks)  Algebra – substitution and review of BIDMAS – 1 week | Fractions – calculating with fractions, ratio and proportion (3 weeks)  Statistics – interpreting graphs, mean (1 week)  Measures/ statistics – time and reading timetables (1 week)  Geometry – position and direction inc scaling | Arithmetic revision - fractions, decimals and percentages (1 week)  Calculation – 4 operations through word problems ( 1 week)  Shape – properties of circles (1 week) | Algebra – linear sequences  Post SATs revisit and consolidation – through problem solving, investigations and reasoning |