Grove Vale - Maths Long term Plan 2020-21

Please note: all unit lengths are approximate

	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 (1 week)	Number and place Value (2 weeks) Multiplication and division (2 weeks)	Fractions (2 weeks) Measures – Time (2 weeks)	Fractions (2 weeks) Geometry – Shape (2 weeks)	Number and Place value (1 week) Statistics (2 weeks)

		Measures - area and perimeter Fractions	Measurement - money inc add and subtract (2 weeks)	Measure – length/ volume/ capacity/ mass (2 weeks)		Geometry – Position and Direction (1 week) Revisit and consolidate.
Year 4	Number and place Value (3 weeks) Addition and subtraction (3 weeks) Measures – money (1 week)	Multiplication and division (4 weeks) Fractions (3 weeks)	Decimals (2 weeks) Addition and Subtraction – consolidation (1 week) Measures - area and perimeter(1 week) Geometry – Shape – Angles and properties (2 weeks)	Measure – Time (2 weeks) Geometry – symmetry - (1 week) Fractions and decimals (2 weeks) Four written methods recap (1 week)	Statistics (2 weeks) Measures – conversions, length, mass and capacity (3 weeks)	Geometry - position and direction (2 weeks) 4 written methods recap (2 weeks) Recap and consolidation (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	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

				measure and money/ decimals (4 weeks)		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 |