MathsBeat

Year 6 Long-term plan

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Term 1	Unit 1: Number and place value (Fluency with large numbers)	Unit 2: Number and place value (Negative numbers in context, including counting on and back)	Unit 3: Addition and subtraction, multiplication and division (Multi-digit multiplication; multi-digit division; problem solving with all four operations)			Unit 4: Fractions (including decimals and percentages) (Use equivalences; add, subtract, multiply and divide fractions to solve problems)			Unit 5: Ratio (Proportions in ratio and percentage context)	Unit 6: Measurement (Estimate, compare and calculate volumes; convert between units of measure)		Unit 7: Algebra (Using letters to represent unknown numbers)	Unit 8: Geometry: position and direction (Points, lines, shapes and translations on the four-quadrant coordinate plane)
Term 2	Unit 9: Geometry: properties of shapes (Construct 2D and 3D shapes)	Unit 10: Addition and subtraction, multiplication and division (Reasoning about the order used to solve calculations; mixed operations)	Unit 11: Geometry: position and direction (Reflections and translations in all four quadrants)	Unit 12: Fractions (including decimals and percentages) (Use equivalences and solve problems; multiply and divide fractions to solve problems)		Unit 13: Statistics (Graphs and pie charts)	Unit 14: Algebra (Use algebra to describe sequences and equations with two unknowns)	Unit 15: Measure-ment (Areas of parallel-ograms, triangles and related shapes)	Unit 16: Ratio and proportion (Solve problems in proportion-al share situations)	Unit 17: Geometry: properties of shapes (Apply angle properties and relationships to work out the values of unknown angles; shape properties, including circles)			Consolid-ation
Term 3	Unit 18: Statistics (Calculate and interpret the mean as an average)	Unit 19: Addition and subtraction, multiplication and division (Solve and compare multi-step problems; number and calculation relationships and properties)	Unit 20: Fractions (including decimals and percentages) (Solve problems involving fractions, decimals and percentages; work with percentages, decimals and fractions)		Unit 21: Ratio and proportion (Use proportions in percentage and similar-shape situations)	Secondary progression 1 (Investigate triangular numbers)	Secondary progression 2 (Fake news)	Secondary progression 3 (Cupcake calculations)	Secondary progression 4 (Investigate and reason about numbers)	Consolidation			

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