Kilmorie Maths Year 4 Overview

	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
Autumn	**Review of column addition and subtraction** • Identify addends, sum and correct layout in addition calculation • Review regrouping in addition • Review minuend and subtrahend in subtraction calculation • Review regrouping in subtraction			**Place value to 4 digits** • Use place value to compose numbers up to 2,000 • Add and subtract multiples of 100 • Apply knowledge of 1,000 to measure conversions • Compare and order 4-digit numbers • Round numbers to the nearest 1000, 100 and 10			**Column addition and subtraction with 4-digit numbers**	**Perimeter** • Understand the concept of perimeter • Use addition and multiplication to calculate perimeter		**3, 6 and 9 times tables** • Counting in 3, 6 or 9 as the 3, 6 or 9 times table • Relationships between adjacent multiples • Relationships between multiples in different times tables			

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Spring	**7 times table: odd and even patterns, square numbers and tests of divisibility** • Count in 7s and explain adjacent multiples • Use known facts • Identify and use odd and even patterns Represent square numbers		**Multiplicative structures** • Understand and explain factors • Partition factors to solve problems • Use knowledge of the distributive law to solve problems		**Coordinates** Use coordinates to translate and draw polygons		**Multiplying and dividing by 10 and 100** • Understand the relationship between multiples of 10 / 100 and multiplying by 10 / 100 • Use and remove place holders when multiplying and dividing by 10 and 100 • Explain how scaling up factors and dividends affects the product and quotient			**Review of fractions**	**Time** • Convert between 12 and 24 hour clocks: analogue and digital		

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Summer	**Fractions greater than 1** • Compose and decompose mixed numbers • Compare and order mixed numbers and position on a number line • Addition and subtraction of fractions and mixed numbers (within a whole) • Convert improper fractions to mixed numbers and vice versa • Efficient strategies for adding and subtracting mixed numbers (crossing a whole) **1 lesson a week focused on multiplication tables**					**Properties of 2D and 3D shapes and symmetry** • Explore, sort and classify triangles • Explore symmetry • Reflect polygons in a line of symmetry		**Money** • Apply efficient strategies when calculating with money		**Time (recap as required)** • Convert between 12 and 24 hour clocks: analogue and digital	**Division with remainders** • Represent division by grouping and sharing • Identify remainders and explain how they relate to the divisor • Solve division problems		