



Kilmorie Maths Year 5 Overview

Autumn	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
	Decimal Fractions: tenths <ul style="list-style-type: none">Understand tenths as part of a whole; represent and calculate mentallyCompose and calculate with decimals including column addition and subtraction		Decimal Fractions: hundredths and thousandths <ul style="list-style-type: none">Understand hundredths as parts of a whole and representUse knowledge of decimals to solve problems in different contexts: lengthNumbers with up to 3 decimal places			Negative numbers <ul style="list-style-type: none">Place on a number lineInterpret in a range of contexts		Short multiplication <ul style="list-style-type: none">Multiplication by partitioning leading to short multiplication (2 by 1-digit)Multiplication by partitioning leading to short multiplication (3 by 1-digit)			Short division <ul style="list-style-type: none">Division by partitioning leading to short division (2 and 3-digits by 1-digit)Understand regrouping and remainders		
Spring	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	
	Area and scaling <ul style="list-style-type: none">Understand the concept of areaCalculate the area of compound shapesLink area of rectangles to multiplicationCompare and describe measurements using knowledge of multiplication and division			Compare and describe measurements using knowledge of multiplication and division <ul style="list-style-type: none">Use length, time and money		Calculating with decimal fractions <ul style="list-style-type: none">Multiply and divide by 10, 100 and 1000Convert units of measureMultiply numbers by decimalsDivide decimals			Factors, multiples and primes <ul style="list-style-type: none">Understand the concept of volumeMultiply 3 or more numbers (commutative and associative laws)Understand and use the concept of factorisation (square and prime numbers)Use common factors and multiples to solve calculations efficiently				
Summer	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	
	Multiplying fractions <ul style="list-style-type: none">Multiply a proper fraction by a whole numberMultiply improper fractions and mixed numbers by a whole number		Find unit and non-unit fractions of whole numbers exploring parts and wholes		Comparing fractions using equivalence and decimals <ul style="list-style-type: none">Use representations to describe and compare fractionsExplain the relationship between the numerator and the denominatorFind equivalent fractions			Converting units <ul style="list-style-type: none">Convert to and from fraction and decimal quantities		Angles <ul style="list-style-type: none">Compare, name, estimate and measure anglesUse the unit of degrees to measure anglesKnow facts about degrees in angles around a point, on a straight line, in triangles and quadrilaterals			