

Maths Skills Progression Document

Strand	Rec	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Addition	<ul style="list-style-type: none"> - Conceptually subitise to 5 - 1 more - Notice the composition of numbers within 10 - Combine 2 groups - Add more 	<ul style="list-style-type: none"> - Add together - Add more - Bonds within 10 - Related facts within 20 - Missing numbers 	<ul style="list-style-type: none"> - Add 1s to any number (related facts) - Add three 1-digit numbers - Add across a 10 - Add multiples of 10 - Add 10s to any number - Add two 2-digit numbers (not across a ten) - Add two 2-digit numbers (across a ten) - Missing numbers 	<ul style="list-style-type: none"> - Add 1s, 10s and 100s to a 3-digit number - Add two numbers (No exchange) - Add two numbers across a 10 or 100 - Complements to 100 - Add fractions with the same denominator within 1 whole - Calculate the duration of events 	<ul style="list-style-type: none"> - Add 1s, 10s and 100s to a 4-digit number - Add up to two 4-digit numbers - Add decimal numbers in the context of money - Add fractions and mixed numbers with the same denominator beyond 1 whole 	<ul style="list-style-type: none"> - Add using mental strategies - Add whole numbers with more than 4-digits - Add decimals with up to 2 decimal places - Complements to 1 - Add fractions with denominators that are a multiple of one another 	<ul style="list-style-type: none"> - Add integers up to 10 million - Add decimals with up to 3 decimal places - Order of operations - Negative numbers - Add fractions
Subtraction	<ul style="list-style-type: none"> - Conceptually subitise to 5 - 1 less - Notice the composition of numbers within 10 - Partition take away 	<ul style="list-style-type: none"> - Find a part - Take away - Bonds within 10 - Related facts within 20 - Missing numbers 	<ul style="list-style-type: none"> - Subtract 1s from any number (related facts) - Subtract across a 10 - Subtract multiples of 10 - Subtract 10s from any numbers - Subtract two 2-digit numbers (not across a ten) - Subtract two 2-digit numbers (across a 10) - Missing numbers 	<ul style="list-style-type: none"> - Subtract 1s, 10s and 100s from a 3-digit number - Subtract two numbers (no exchange) - Subtract two numbers across a 10 or 100 - Complements to 100 - Subtract fractions with the same denominator within 1 whole 	<ul style="list-style-type: none"> - Subtract 1s, 10s and 100s from a 3-digit number - Subtract two numbers (no exchange) - Subtract two numbers across a 10 or 100 - Complements to 100 - Subtract fractions with the same denominator within 1 whole 	<ul style="list-style-type: none"> - Subtract whole numbers with more than 4 digits - Subtract using mental strategies - Subtract decimals with up to 2 decimal places - Complements to 1 - Subtract fractions with denominators that are a multiple of one another 	<ul style="list-style-type: none"> - Subtract integers up to 10 million - Subtract decimals with up to 3 decimal places - Order of operations - Negative numbers - Subtract fractions
Multiplication	<ul style="list-style-type: none"> - Double to 10 - Make equal groups 	<ul style="list-style-type: none"> - Count in 2s, 5s and 10s - Add equal groups - Make arrays - Make doubles 	<ul style="list-style-type: none"> - Link repeated addition and multiplication - Use arrays - Double - The 2 times-table - The 10 times-table - The 5 times-table - Missing numbers 	<ul style="list-style-type: none"> - The 3 times-table - The 4 times-table - The 8 times-table - Related facts - Multiply a 2-digit number by a 1-digit number - no exchange - Multiply a 2-digit number by a 1-digit number - with exchange - Scaling - Correspondence problems 	<ul style="list-style-type: none"> - Times-table facts to 12×12 - Multiply by 1 and 0 - Multiply 3 numbers - Factor pairs - Multiply by 10 and 100 - Related facts - Mental strategies - Multiply a 2 or 3-digit number by a 1-digit number - Scaling - Correspondence problems 	<ul style="list-style-type: none"> - Multiples and factors - Square and cube numbers - Multiply numbers up to 4 digits by a 1-digit number - Multiply numbers up to 4 digits by a 2-digit number - Multiply by 10, 100 and 1,000 - Mental strategies - Multiply fractions by a whole number - Multiply mixed numbers by a whole number - Find the whole 	<ul style="list-style-type: none"> - Multiply numbers up to 4 digits by a 2-digit number - Multiply by 10, 100 and 1,000 - Order of operations - Multiply decimals by integers - Multiply fractions by fractions - Find the whole - Calculations involving ratio
Divisions	<ul style="list-style-type: none"> - Sharing - Grouping 	<ul style="list-style-type: none"> - Make equal groups – grouping - Make equal groups – sharing - Find a half - Find a quarter 	<ul style="list-style-type: none"> - Make equal groups – grouping - Make equal groups – sharing - Find a half - Find a quarter 	<ul style="list-style-type: none"> - Divide by 3 - Divide by 4 - Divide by 8 - Related facts - Divide a 2-digit number by a 1-digit number - no exchange - Divide a 2-digit number by a 1-digit number - with remainders - Unit fractions of a set of objects - Non-unit fractions of a set of object 	<ul style="list-style-type: none"> - Division facts to 12×12 - Divide a number by 1 and itself - Related facts - Divide a 2 or 3-digit number by a 1-digit number - Divide by 10 and 100 	<ul style="list-style-type: none"> - Mental strategies - Divide numbers up to 4 digits by a 1-digit number - Divide by 10, 100 and 1,000 - Fraction of an amount 	<ul style="list-style-type: none"> - Short division - Mental strategies - Long division - Order of operations - Divide by 10, 100 and 1,000 - Divide decimals by integers - Decimal and fraction equivalents - Divide a fraction by an integer - Fraction of an amount - Calculate percentages - Calculations involving ratio