

Progression of skills – Addition

Reception	Year 1	Year 2
<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

Progression of skills - Subtraction

Reception	Year 1	Year 2
<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 number• Subtract two 2-digit numbers (not across a ten)• Subtract two 2-digit numbers (across a ten)• Missing numbers

Progression of skills – Multiplication

Reception	Year 1	Year 2
<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

Progression of skills – Division

Reception	Year 1	Year 2
<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">• Divide by 2• Divide by 10• Divide by 5• Missing numbers• Unit fractions• Non-unit fractions

Progression of skills – Addition

Year 1	Year 2	Year 3
<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

Progression of skills - Subtraction

Year 1	Year 2	Year 3
<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 number• Subtract two 2-digit numbers (not across a ten)• Subtract two 2-digit numbers (across a ten)• 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

Progression of skills – Multiplication

Year 1	Year 2	Year 3
<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

Progression of skills – Division

Year 1	Year 2	Year 3
<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 2• Divide by 10• Divide by 5• Missing numbers• Unit fractions• Non-unit fractions	<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 objects

Progression of skills – Addition

Year 2	Year 3	Year 4
<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

Progression of skills - Subtraction

Year 2	Year 3	Year 4
<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 number• Subtract two 2-digit numbers (not across a ten)• Subtract two 2-digit numbers (across a ten)• 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, 100s and 1,000s from a 4-digit number• Subtract up to two 4-digit numbers• Subtract decimal numbers in the context of money• Subtract fractions and mixed numbers with the same denominator

Progression of skills – Multiplication

Year 2	Year 3	Year 4
<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

Progression of skills – Division

Year 2	Year 3	Year 4
<ul style="list-style-type: none">• Divide by 2• Divide by 10• Divide by 5• Missing numbers• Unit fractions• Non-unit fractions	<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 objects	<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

Progression of skills – Addition

Year 3	Year 4	Year 5
<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

Progression of skills - Subtraction

Year 3	Year 4	Year 5
<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, 100s and 1,000s from a 4-digit number• Subtract up to two 4-digit numbers• Subtract decimal numbers in the context of money• Subtract fractions and mixed numbers with the same denominator	<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

Progression of skills – Multiplication

Year 3	Year 4	Year 5
<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

Progression of skills – Division

Year 3	Year 4	Year 5
<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 objects	<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

Progression of skills – Addition

Year 4	Year 5	Year 6
<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

Progression of skills - Subtraction

Year 4	Year 5	Year 6
<ul style="list-style-type: none">• Subtract 1s, 10s, 100s and 1,000s from a 4-digit number• Subtract up to two 4-digit numbers• Subtract decimal numbers in the context of money• Subtract fractions and mixed numbers with the same denominator	<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

Progression of skills – Multiplication

Year 4	Year 5	Year 6
<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

Progression of skills – Division

Year 4	Year 5	Year 6
<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

Progression of skills – Addition

Year 5	Year 6
<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

Progression of skills - Subtraction

Year 5	Year 6
<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

Progression of skills – Multiplication

Year 5	Year 6
<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

Progression of skills – Division

Year 5	Year 6
<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