Yearly overview
The yearly overview provides suggested timings for each block of learning, which can be adapted to suit different term dates or other requirements.

|  | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number Place | value |  | Number <br> Additi <br> and <br> subtra | on <br> ction | Number <br> Multi and d | lication vision |  | Number <br> Fract | ons A |  |  |
| $\begin{aligned} & \text { 읓 } \\ & \text { 믕 } \end{aligned}$ | Number Multip and d | lication vision |  | Number <br> Fraction | ons B | Number <br> Decim <br> perce | als and tages |  | Measure <br> Perim and a | nent <br> eter <br> red | Stati | tics |
|  | Geometr <br> Shape |  |  | Geometr <br> Positio <br> and <br> direct | on | Number <br> Decim |  |  |  | Measure <br> Conve units | ment rting |  |

## Small steps

| Step 1 | Roman numerals to 1,000 |
| :--- | :--- |
| Step 2 | Numbers to 10,000 |
| Step 3 | Numbers to 100,000 |
| Step 4 | Numbers to 1,000,000 |
| Step 5 | Read and write numbers to 1,000,000 |
| Step 6 | Powers of 10 |
|  |  |
| Step 7 | 10/100/1,000/10,000/100,000 more or less |
|  |  |
| Step 8 | Partition numbers to 1,000,000 |

## Small steps

| Step 9 | Number line to 1,000,000 |
| :--- | :--- |
| Step 10 | Compare and order numbers to 100,000 |
| Step 11 | Compare and order numbers to 1,000,000 |
| Step 12 | Round to the nearest 10, 100 or 1,000 |
| Step 13 | Round within 100,000 |
|  |  |
| Step 14 | Round within 1,000,000 |


| Step 1 | Mental strategies |
| :--- | :--- |
| Step 2 | Add whole numbers with more than four digits |
| Step 3 | Subtract whole numbers with more than four digits |
| Step 4 | Round to check answers |
|  |  |
| Step 5 | Inverse operations (addition and subtraction) |
| Step 6 | Multi-step addition and subtraction problems |
|  |  |
| Step 7 | Compare calculations |
|  |  |
| Step 8 | Find missing numbers |

## Small steps

| Step 1 | Multiples |
| :--- | :--- |
| Step 2 | Common multiples |
| Step 3 | Factors |
| Step 4 | Common factors |
|  |  |
| Step 5 | Prime numbers |
| Step 6 | Square numbers |
|  |  |
| Step 7 | Cube numbers |
|  |  |
| Step 8 | Multiply by 10, 100 and 1,000 |

## Small steps

## Small steps

| Step 1 | Find fractions equivalent to a unit fraction |
| :--- | :--- |
| Step 2 | Find fractions equivalent to a non-unit fraction |
| Step 3 | Recognise equivalent fractions |
| Step 4 | Convert improper fractions to mixed numbers |
| Step 5 | Convert mixed numbers to improper fractions |
| Step 6 | Compare fractions less than 1 |
| Step 7 | Order fractions less than 1 |

## Small steps

| Step 9 | Add and subtract fractions with the same denominator |
| :--- | :--- |
| Step 10 | Add fractions within 1 |
| Step 11 | Add fractions with total greater than 1 |
| Step 12 | Add to a mixed number |
| Step 13 | Add two mixed numbers |
| Step 14 | Subtract fractions |

## Small steps

## Small steps

Step 1 Multiply up to a 4-digit number by a 1-digit number

| Step 2 | Multiply a 2-digit number by a 2-digit number (area model) |
| :--- | :--- |
| Step 3 | Multiply a 2-digit number by a 2-digit number |
| Step 4 | Multiply a 3-digit number by a 2-digit number |
| Step 5 | Multiply a 4-digit number by a 2-digit number |
| Step 6 | Solve problems with multiplication |
|  |  |
| Step 7 | Short division |
| Step 8 | Divide a 4-digit number by a 1-digit number |

## Small steps

Step 9 Divide with remainders


## Small steps

| Step 1 | Multiply a unit fraction by an integer |
| :--- | :--- |
| Step 2 | Multiply a non-unit fraction by an integer |
| Step 3 | Multiply a mixed number by an integer |
| Step 4 | Calculate a fraction of a quantity |
| Step 5 | Fraction of an amount |
|  |  |
| Step 6 | Find the whole |

Step 1 Decimals up to 2 decimal places

| Step 2 | Equivalent fractions and decimals (tenths) |
| :--- | :--- |
| Step 3 | Equivalent fractions and decimals (hundredths) |
| Step 4 | Equivalent fractions and decimals |
| Step 5 | Thousandths as fractions |
| Step 6 | Thousandths as decimals |
|  |  |
| Step 7 | Thousandths on a place value chart |
| Step 8 | Order and compare decimals (same number of decimal places) |

## Small steps

Step 9 Order and compare any decimals with up to 3 decimal places

| Step 10 | Round to the nearest whole number |
| :--- | :--- |
| Step 11 | Round to 1 decimal place |
| Step 12 | Understand percentages |
| Step 13 | Percentages as fractions |
| Step 14 | Percentages as decimals |

## Small steps

| Step 1 | Perimeter of rectangles |
| :--- | :--- |
| Step 2 | Perimeter of rectilinear shapes |
| Step 3 | Perimeter of polygons |
| Step 4 | Area of rectangles |
|  |  |
| Step 5 | Area of compound shapes |
|  |  |
| Step 6 | Estimate area |


| Step 1 | Draw line graphs |
| :--- | :--- |
| Step 2 | Read and interpret line graphs |
|  |  |
| Step 3 | Read and interpret tables |
| Step 4 | Two-way tables |
|  |  |
| Step 5 | Read and interpret timetables |

## Small steps

| Step 1 | Understand and use degrees |
| :--- | :--- |
| Step 2 | Classify angles |
| Step 3 | Estimate angles |
| Step 4 | Measure angles up to 180 |
|  |  |
| Step 5 | Draw lines and angles accurately |
| Step 6 | Calculate angles around a point |
|  |  |
| Step 7 | Calculate angles on a straight line |
| Step 8 | Lengths and angles in shapes |

## Small steps

Step 9
Regular and irregular polygons

## Small steps

Step 1 Read and plot coordinates

| Step 2 | Problem solving with coordinates |
| :--- | :--- |
| Step 3 | Translation |
| Step 4 | Translation with coordinates |
|  |  |
| Step 5 | Lines of symmetry |
| Step 6 | Reflection in horizontal and vertical lines |

## Small steps

Step 1 Use known facts to add and subtract decimals within 1

| Step 2 | Complements to 1 |
| :--- | :--- |
| Step 3 | Add and subtract decimals across 1 |
| Step 4 | Add decimals with the same number of decimal places |
| Step 5 | Subtract decimals with the same number of decimal places |
| Step 6 | Add decimals with different numbers of decimal places |
|  |  |
| Step 7 | Subtract decimals with different numbers of decimal places |

## Small steps

Step 9 Decimal sequences

| Step 10 Multiply by 10, 100 and 1,000 |
| :--- |
| Step 11 Divide by 10,100 and 1,000 |
| Step 12 $\quad$ Multiply and divide decimals - missing values |

## Small steps

Step 1 Understand negative numbers

| Step 2 | Count through zero in 1s |
| :--- | :--- |
| Step 3 | Count through zero in multiples |
| Step 4 | Compare and order negative numbers |
| Step 5 | Find the difference |

## Small steps

| Step 1 | Kilograms and kilometres |
| :--- | :--- |
| Step 2 | Millimetres and millilitres |
| Step 3 | Convert units of length |
| Step 4 | Convert between metric and imperial units |
| Step 5 | Convert units of time |
|  |  |
| Step 6 | Calculate with timetables |

## Small steps

| Step 1 | Cubic centimetres |
| :--- | :--- |
|  |  |
| Step 2 | Compare volume |
| Step 3 | Estimate volume |
|  |  |
| Step 4 | Estimate capacity |

