

## Core mathematics skills

### Multiplication and division

Year 1 Unit	Unit title and content
7	We can halve and double numbers
12	We know the number that is ten more or ten less than multiples of ten
16	We can calculate simple multiplication sums with objects We can recognise and write multiplication symbols
17	We can calculate simple division sums with objects We can recognise and write division symbols
Year 2 Unit	
9	We understand multiplication and are learning our tables for 2, 5 and 10 We understand that multiplication can be done in any order We can multiply single digit numbers

10	<p>We understand division and that it is the inverse of multiplication</p> <p>We understand the division statements in the 2, 5 and 10 times tables</p> <p>We understand that division cannot be done in any order</p>
Year 3 Unit	
9	We can multiply by 10 or 100 and say what happens to the number we multiply
10	<p>We know our tables for 2, 3, 4, 5, 6 and 10</p> <p>We can use our knowledge of doubling to multiply numbers by 4 and 8</p>
13	<p>We can use our tables for 2, 3, 4, 5, 6 and 10 to work out division facts</p> <p>We can explain why numbers are multiples of 2, 5, or 10</p>
14	<p>We can use the tables facts that we know to work out division facts</p> <p>We can multiply or divide a two-digit number by a one-digit number</p>
Year 4 Unit	
5	We know the 8 times-table and the 9 times-table
6	<p>We can multiply and divide by 10 and 100.</p> <p>We can explain what happens to the digits when we do this</p>

7a	We can double two-digit numbers
7b	We can multiply and divide mentally, including multiplying by 0 and dividing by 1
12a	We can divide a two-digit number or a three-digit number by a one-digit number We know how to interpret a remainder
12b	We can divide a two-digit number or a three-digit number by a one-digit number using efficient written methods
13a	We can multiply a two-digit number by a one-digit number
13b	We can multiply a two-digit or three-digit number by a one-digit number using the formal (efficient) written method
Year 5 Unit	
6	We know the tables to 10. We can use them to work out division facts and to multiply multiples of 10 and 100
7	We can find a pair of factors for a two-digit number
8	We are learning to multiply or divide a whole number by 10, 100 or 1000

11	We are revisiting this concept We can now confidently multiply or divide whole numbers and decimal numbers by 10, 100 or 1000
12a	We can multiply a three-digit or four-digit number by a one-digit number using efficient written methods
12b	We can multiply up to a four-digit number by a two-digit number using an efficient written method
15	We can divide three-digit and four-digit numbers by a one-digit number using efficient written methods
Year 6 Unit	
3	We are revisiting how to multiply or divide numbers by 10, 100 or 1000
4	We can use tables facts to work out other multiplication and division facts with decimals
10a	We can multiply two-digit numbers by two-digit numbers using efficient written methods

10b	We can multiply three-digit numbers by two-digit numbers using efficient written methods
10c	We can multiply three-digit decimal numbers by a one-digit number using the grid method
10d	We can multiply numbers with decimals by a one-digit number using efficient written methods
11a	We can divide whole numbers by a one-digit number using efficient written methods
11b	We can divide whole numbers by two-digit numbers using efficient written methods
11c	We can divide numbers with up to 2 decimal places by one-digit and two-digit whole numbers using efficient written methods
14	<p>We understand what square numbers are and know the squares of numbers to <math>12 \times 12</math></p> <p>We can work out the squares of multiples of 10</p> <p>We can work out the square roots of numbers up to 144</p>