

	Unit	Unit name
Autumn 1	1	Numbers 10 to 100
	2	Calculations within 20
	3	Fluently add and subtract within 10
	4	Addition and subtraction of two-digit numbers (1)
Autumn 2		
Spring 1	5	Introduction to multiplication
	6	Introduction to division structures
Spring 2	7	Shape
	8	Addition and subtraction of two-digit numbers (2)
Summer 1	9	Money
	10	Fractions
	11	Time
	12	Position and direction
Summer 2	13	Multiplication and division – doubling, halving, quotitive and partitive division
	14	Sense of measure – capacity, volume, mass
	15	Statistics

	Number and place value
	Number facts
	Addition and subtraction
	Multiplication and division
	Geometry
	Other

# Year 2

## Curriculum map

## Year 2

Measurement and Statistics are integrated as applications of number criteria, and elements of measurement that relate to shape are included in the Geometry strand.

Pre-assessment ready-to-progress questions used at the start of a unit to check that pupils have the requisite knowledge and skills.

**SEND PRIORITISATION**

1	<p><b>Numbers 10 to 100</b></p> <ul style="list-style-type: none"> <li>2NPV-1 Recognise the place value of each digit in two-digit numbers, and compose and decompose two-digit numbers using standard and non-standard partitioning.</li> </ul> <p><b>2A Unit 1 Numbers to 100</b></p> <p><b>Lesson 2 Count in 10s</b></p> <ul style="list-style-type: none"> <li>Lesson 3 Count in 10s and 1s</li> <li>Lesson 4 Recognise 10s and 1s</li> <li>Lesson 5 Build a number from 100s and 1s</li> <li>Lesson 6 Use a place value grid</li> <li>Lesson 7 Partition numbers to 100</li> <li>Lesson 8 Partition numbers flexibly within 100</li> </ul> <ul style="list-style-type: none"> <li>2NPV-2 Reason about the location of any two-digit number in the linear number system, including identifying the previous and next multiple of 10.</li> </ul> <p><b>2A Unit 1 Numbers to 100</b></p> <p><b>Lesson 12 Estimate numbers on a number line</b></p> <ul style="list-style-type: none"> <li>Lesson 13 Compare numbers (1)</li> <li>Lesson 14 Compare numbers (2)</li> <li>Lesson 15 Order numbers</li> </ul> <ul style="list-style-type: none"> <li>1.8 Composition of numbers: multiples of 10 up to 100</li> </ul> <p><b>2A Unit 1 Numbers to 100</b></p> <ul style="list-style-type: none"> <li>Lesson 9 Write numbers to 100 in expanded form</li> <li>Lesson 10 10s on a number line to 100</li> <li>1.9 Composition of numbers: 20–100</li> </ul>
2	<p><b>Calculations within 20</b></p> <ul style="list-style-type: none"> <li>2AS-1 Add and subtract across 10.</li> </ul> <p><b>2A Unit 2 Addition and subtraction (1)</b></p> <ul style="list-style-type: none"> <li>Lesson 6 Add by making 10</li> <li>Lesson 7 Add using a number line</li> <li>Lesson 8 Add three 1-digit numbers</li> <li>Lesson 9 Add to the next 10</li> <li>Lesson 10 Add across a 10</li> <li>Lesson 11 Subtract across a 10</li> </ul> <ul style="list-style-type: none"> <li>2AS-2 Recognise the subtraction structure of ‘difference’ and answer questions of the form, “How many more...?”</li> </ul> <p><b>2A Unit 3 Addition and subtraction (2)</b></p> <ul style="list-style-type: none"> <li>Lesson 7 How many more? How many fewer?</li> <li>Lesson 8 Subtraction – find the difference</li> </ul> <ul style="list-style-type: none"> <li>1.11 Addition and subtraction: bridging 10</li> <li>1.12 Subtraction as difference</li> </ul>
3	<p><b>Fluently add and subtract within 10</b></p> <ul style="list-style-type: none"> <li>2NF-1 Secure fluency in addition and subtraction facts within 10, through continued practice.</li> </ul> <p><b>2A Unit 2 Addition and subtraction (1)</b></p> <ul style="list-style-type: none"> <li>Lesson 1 Fact families</li> <li>Lesson 2 Learn number bonds</li> </ul> <ul style="list-style-type: none"> <li>1.7 Addition and subtraction: strategies within 10</li> </ul>
4	<p><b>Addition and subtraction of two-digit numbers (1)</b></p> <ul style="list-style-type: none"> <li>2AS-3 Add and subtract within 100 by applying related one-digit addition and subtraction facts: add and subtract only ones or only tens to/from a two-digit number.</li> </ul> <p><b>2A Unit 2 Addition and subtraction (1)</b></p> <ul style="list-style-type: none"> <li>Lesson 3 Add and subtract two multiples of 10</li> <li>Lesson 4 Complements to 100 (tens)</li> <li>Lesson 5 Add and subtract 1s</li> </ul> <p><b>2A Unit 3 Addition and subtraction (2)</b></p> <ul style="list-style-type: none"> <li>Lesson 1 10 more, 10 less</li> <li>Lesson 2 Add and subtract 10s</li> </ul> <ul style="list-style-type: none"> <li>1.13 Addition and subtraction: two-digit and single-digit numbers</li> </ul> <p><b>2A Unit 2 Addition and subtraction (1)</b></p> <ul style="list-style-type: none"> <li>Lesson 13 Subtract a 1-digit number from a 2-digit number – across 10</li> </ul> <ul style="list-style-type: none"> <li>1.14 Addition and subtraction: two-digit numbers and multiples of ten</li> </ul> <p><b>2A Unit 3 Addition and subtraction (2)</b></p> <ul style="list-style-type: none"> <li>Lesson 8 Subtraction-find the difference</li> <li>Lesson 9 Compare number sentences</li> <li>Lesson 10 Missing number problems</li> <li>Lesson 12 Two-step problems</li> </ul>
5	<p><b>Introduction to multiplication</b></p> <ul style="list-style-type: none"> <li>2MD-1 Recognise repeated addition contexts, representing them with multiplication equations and calculating the product, within the 2, 5 and 10 multiplication tables.</li> </ul> <p><b>2A Unit 1 Numbers to 100</b></p> <ul style="list-style-type: none"> <li>Lesson 16 Count in 2s, 5s and 10s</li> <li>Lesson 17 Count in 3s</li> </ul> <p><b>2B Unit 6 Multiplication and division (1)</b></p> <ul style="list-style-type: none"> <li>Lesson 4 The x sign</li> </ul>

Number and place value

Number facts

Addition and subtraction

Multiplication and division

Fractions

Geometry

Other

Dark grey references are ready-to-progress criteria from the DfE Guidance 2020

Light grey references are from the NCETM Primary Mastery Professional Development materials

Blue references key Power Maths lessons

	<ul style="list-style-type: none"> <li>• Lesson 5 Multiplication sentences</li> </ul> <p>2B Unit 7 Multiplication and division (2)</p> <ul style="list-style-type: none"> <li>• Lesson 1 2 times-table</li> <li>• Lesson 2 Divide by 2</li> <li>• Lesson 4 Odd and even numbers</li> <li>• Lesson 5 10 times-table</li> <li>• Lesson 6 Divide by 10</li> <li>• Lesson 7 5 times-table</li> <li>• Lesson 8 Divide by 5</li> <li>• 2.2 Structures: multiplication representing equal groups</li> </ul> <p>2B Unit 6 Multiplication and division (1)</p> <p>Lesson 1 Recognise equal groups</p> <p>Lesson 2 Make equal groups</p> <p>Lesson 6 Use arrays</p> <ul style="list-style-type: none"> <li>• 2.3 Times tables: groups of 2 and commutativity (part 1)</li> <li>• 2.4 Times tables: groups of 10 and of 5, and factors of 0 and 1</li> <li>• 2.5 Commutativity (part 2), doubling and halving</li> </ul>
6	<p><b>Introduction to division structures</b></p> <ul style="list-style-type: none"> <li>• 2MD–2 Relate grouping problems where the number of groups is unknown to multiplication equations with a missing factor, and to division equations (quotative division).</li> </ul> <p>2B Unit 6 Multiplication and division (1)</p> <ul style="list-style-type: none"> <li>• Lesson 7 Make equal groups – grouping</li> <li>• Lesson 8 Make equal groups – sharing</li> </ul> <p>2C Unit 12 Problem solving and efficient methods</p> <ul style="list-style-type: none"> <li>• Lesson 10 Solve problems – multiplication and division</li> <li>• 2.6 Structures: quotative and partitive division</li> </ul>
7	<p><b>Shape</b></p> <ul style="list-style-type: none"> <li>• 2G–1 Use precise language to describe the properties of 2D and 3D shapes, and compare shapes by reasoning about similarities and differences in properties.</li> </ul> <p>2A Unit 4 Properties of shapes</p> <ul style="list-style-type: none"> <li>• Lesson 1 Recognise 2D and 3D shapes</li> <li>• Lesson 2 Count sides on 2D shapes</li> <li>• Lesson 3 Count vertices on 2D shapes</li> <li>• Lesson 5 Lines of symmetry on shapes</li> <li>• Lesson 6 Sort 2D shapes</li> <li>• Lesson 7 Make patterns with 2D shapes</li> <li>• Lesson 8 Count faces on 3D shapes</li> <li>• Lesson 9 Count edges on 3D shapes</li> <li>• Lesson 10 Count vertices on 3D shapes</li> <li>• Lesson 11 Sort 3D shapes</li> <li>• Lesson 12 Make patterns with 3D shapes</li> </ul>
8	<p><b>Addition and subtraction of two-digit numbers (2)</b></p> <ul style="list-style-type: none"> <li>• 2AS–4 Add and subtract within 100 by applying related one-digit addition and subtraction facts: add and subtract any 2 two-digit numbers.</li> </ul> <p>2A Unit 3 Addition and subtraction (2)</p> <ul style="list-style-type: none"> <li>• Lesson 3 Add two 2-digit numbers – add 10s and add 1s</li> <li>• Lesson 4 Add two 2-digit numbers – add more 10s then more 1s</li> <li>• Lesson 5 Subtract a 2-digit number from a 2-digit number – not across 10</li> <li>• Lesson 6 Subtract a 2-digit number from a 2-digit number – across 10</li> </ul> <p>2C Unit 12 Problem solving and efficient methods</p> <ul style="list-style-type: none"> <li>• Lesson 3 Use a 1000 square</li> <li>• Lesson 5 Missing numbers</li> <li>• Lesson 7 Mental addition and subtraction (2)</li> <li>• Lesson 9 Solve problems – addition and subtraction</li> <li>• 1.15 Addition: two-digit and two-digit numbers</li> <li>• 1.16 Subtraction: two-digit and two-digit numbers</li> </ul>
9	<p><b>Money</b></p> <ul style="list-style-type: none"> <li>• This topic is part of the National Curriculum but is not included in the DfE 2020 guidance or the NCETM Mastery Professional Development Materials.</li> </ul> <p>2B Unit 5 Money</p> <p>Lesson 1 Count money-pence</p> <p>Lesson 2 Count money-pounds (notes and coins)</p> <p>Lesson 3 Count money-pounds and pence</p> <p>Lesson 4 Choose notes and coins</p> <p>Lesson 5 Make the same amount</p> <p>Lesson 6 Compare amounts of money</p> <p>Lesson 8 Make £1</p> <p>Lesson 9 Find change</p>
10	<p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>• 3.0 Guidance on the teaching of fractions in Key Stage 1</li> </ul> <p>1C Unit 12 Fractions</p> <p>Lesson 1 Recognise and find a half of a shape</p> <p>Lesson 2 Recognise and find a half of a quantity</p> <p>Lesson 3 Recognise and find a quarter of a shape</p> <p>Lesson 4 Recognise and find a quarter of a quantity</p> <p>2C Unit 10 Fractions</p> <p>Lesson 1 Introducing parts and wholes</p> <p>Lesson 2 Equal and unequal parts</p>

11	<p>Lesson 3 Recognise a half Lesson 4 Find a half Lesson 5 Recognise a quarter Lesson 6 Find a quarter Lesson 7 Thirds Lesson 8 Find the whole Lesson 9 Unit and non-unit fractions Lesson 10 Recognise the equivalence of a half and two quarters Lesson 11 Count in fractions up to a whole</p> <p><b>Time</b></p> <ul style="list-style-type: none"> <li>This topic is part of the National Curriculum but is not included in the DfE 2020 guidance or the NCETM Mastery Professional Development Materials.</li> </ul> <p>2C Unit 11 Time Lesson 1 O'clock and half past Lesson 2 Quarter past and quarter to Lesson 3 Tell the time to 5 minutes Lesson 4 Minutes in an hour Lesson 5 Hours in a day</p>
12	<p><b>Position and direction</b></p> <ul style="list-style-type: none"> <li>This topic is part of the National Curriculum but is not included in the DfE 2020 guidance or the NCETM Mastery Professional Development Materials.</li> </ul> <p>2C Unit 13 Position and direction Lesson 1 Language of position Lesson 4 Describe movement and turns Lesson 5 Make patterns by turning shapes</p>
13	<p><b>Multiplication and division – doubling, halving, quotitive and partitive division</b></p> <ul style="list-style-type: none"> <li>2.5 Commutativity (part 2), doubling and halving</li> </ul> <p>2B Unit 7 Multiplication and division (2) Lesson 3 Double and halve</p> <ul style="list-style-type: none"> <li>2.6 Structures: quotitive and partitive division</li> </ul>
14	<p><b>Sense of measure – capacity, volume, mass</b></p> <ul style="list-style-type: none"> <li>This topic is part of the National Curriculum but is not included in the DfE 2020 guidance or the NCETM Mastery Professional Development Materials.</li> </ul> <p>2B Unit 8 -Length and height Lesson 1 Measure in cm Lesson 2 Measure in m Lesson 3 Compare lengths and heights Lesson 4 Order lengths and heights</p> <p>2B Unit 9 Mass, capacity and temperature Lesson 1 Compare mass Lesson 2 Measure in grams Lesson 3 Measure in kilograms Lesson 4 Compare volume and capacity Lesson 5 Measure in millimeters Lesson 6 Measure in litres Lesson 7 Measure temperature using a thermometer</p>
15	<p><b>Statistics</b></p> <p>This topic is part of the National Curriculum but is not included in the DfE 2020 guidance or the NCETM Mastery PD Materials.</p> <p>2C Unit 14 - Statistics Lesson 1 Make tally charts Lesson 2 Tables Lesson 3 Block diagrams Lesson 6 Draw pictograms ( 1 to 2, 5 or 10) Lesson 7 Interpret pictograms (1 to 2, 5 or 10)</p>