YEAR 2 – MATHEMATICS - SMALL STEPS

PLACE VALUE
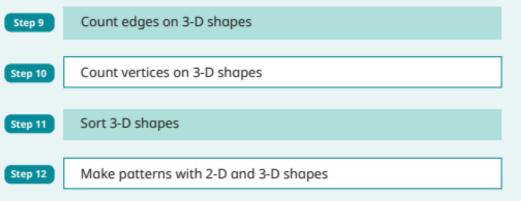
Year 2 | Autumn term | Block 1 – Place value

Small steps

Step 1 Numbers to 20

Step 2 Count objects to 100 by making 10s

Step 3 Recognise tens and ones

Step 4 Use a place value chart

Step 5 Partition numbers to 100

Step 6 Write numbers to 100 in words

Step 7 Flexibly partition numbers to 100

Step 8 Write numbers to 100 in expanded form

ADDITION AND SUBTRACTION

Year 2 | Autumn term | Block 2 – Addition and subtraction

Small steps

Step 1	Bonds to 10
Step 2	Fact families - addition and subtraction bonds within 20
Step 3	Related facts
Step 4	Bonds to 100 (tens)
Step 5	Add and subtract 1s
Step 6	Add by making 10
Step 7	Add three 1-digit numbers
Step 8	Add to the next 10

Step 9	Add across a 10
Step 10	Subtract across 10
Step 11	Subtract from a 10
Step 12	Subtract a 1-digit number from a 2-digit number (across a 10)
Step 13	10 more, 10 less
Step 14	Add and subtract 10s
Step 15	Add two 2-digit numbers (not across a 10)
Step 16	Add two 2-digit numbers (across a 10)

Step 17	Subtract two 2-digit numbers (not across a 10)
Step 18	Subtract two 2-digit numbers (across a 10)
Step 19	Mixed addition and subtraction
Step 20	Compare number sentences
Step 21	Missing number problems

GEOMETRY – SHAPE AND SPACE

Year 2 | Autumn term | Block 3 – Shape

Small steps

Step 1 Recognise 2-D and 3-D shapes

Step 2 Count sides on 2-D shapes

Step 3 Count vertices on 2-D shapes

Step 4 Draw 2-D shapes

Step 5 Lines of symmetry on shapes

Step 6 Use lines of symmetry to complete shapes

Step 7 Sort 2-D shapes

Step 8 Count faces on 3-D shapes

Step 9 Count edges on 3-D shapes

Step 10 Count vertices on 3-D shapes

Step 11 Sort 3-D shapes

Step 12 Make patterns with 2-D and 3-D shapes

MEASUREMENT – MONEY

Year 2 | Spring term | Block 1 – Money

Small steps

Step 1	Count money – pence
Step 2	Count money – pounds (notes and coins)
Step 3	Count money – pounds and pence
Step 4	Choose notes and coins
Step 5	Make the same amount
Step 6	Compare amounts of money
Step 7	Calculate with money
Step 8	Make a pound

Step 9	Find change
Step 10	Two-step problems

MULTIPLICATION AND DIVISION

Year 2 | Spring term | Block 2 – Multiplication and division

Small steps

Step 1	Recognise equal groups
Step 2	Make equal groups
Step 3	Add equal groups
Step 4	Introduce the multiplication symbol
Step 5	Multiplication sentences
Step 6	Use arrays
Step 7	Make equal groups – grouping
Step 8	Make equal groups – sharing

Step 9	The 2 times-table
Step 10	Divide by 2
Step 11	Doubling and halving
Step 12	Odd and even numbers
Step 13	The 10 times-table
Step 14	Divide by 10
Step 15	The 5 times-table
Step 16	Divide by 5

Step 17	The 5 and 10 times-tables

MEASUREMENT – LENGTH AND HEIGHT

Year 2 | Spring term | Block 3 – Length and height

Small steps

Step 1	Measure in centimetres
Step 2	Measure in metres
Step 3	Compare lengths and heights
Step 4	Order lengths and heights
Step 5	Four operations with lengths and heights

MEASUREMENT – Mass Capacity and Temperature

Year 2 | Spring term | Block 4 – Mass, capacity and temperature

Small steps

Step 1	Compare mass
Step 2	Measure in grams
Step 3	Measure in kilograms
Step 4	Four operations with mass
Step 5	Compare volume and capacity
Step 6	Measure in millilitres
Step 7	Measure in litres
Step 8	Four operations with volume and capacity
Step 9	Temperature

NUMBER - FRACTIONS

Year 2 | Summer term | Block 1 – Fractions

Small steps

Step 1	Introduction to parts and whole
Step 2	Equal and unequal parts
Step 3	Recognise a half
Step 4	Find a half
Step 5	Recognise a quarter
Step 6	Find a quarter
Step 7	Recognise a third
Step 8	Find a third

Step 9	Find the whole
Step 10	Unit fractions
Step 11	Non-unit fractions
Step 12	Recognise the equivalence of a half and two-quarters
Step 13	Recognise three-quarters
Step 14	Find three-quarters
Step 15	Count in fractions up to a whole

MEASUREMENT - TIME

Year 2 | Summer term | Block 2 – Time

Small steps

Step 1	O'clock and half past
Step 2	Quarter past and quarter to
Step 3	Tell the time past the hour
Step 4	Tell the time to the hour
Step 5	Tell the time to 5 minutes
Step 6	Minutes in an hour
Step 7	Hours in a day

STATISTICS

Year 2 | Summer term | Block 3 – Statistics

Small steps

Step 1	Make tally charts

Step 2	Tables

Step 3	Block diagrams

Step 4	Draw pictograms (1–1)

Step 5	Interpret pictograms (1–1)

Step 6	Draw pictograms (2, 5 and 10)

Step 7	Interpret pictograms (2, 5 and 10)

GEOMETRY -POSITION AND DIRECTION

Year 2 | Summer term | Block 4 – Position and direction

Small steps

Step 1	Language of position
Step 2	Describe movement
Step 3	Describe turns
Step 4	Describe movement and turns
Step 5	Shape patterns with turns