YEAR 1 – MATHEMATICS - SMALL STEPS

PLACE VALUE (to 10)

Year 1 | Autumn term | Block 1 – Place value

Small steps

Step 1	Sort objects
Step 2	Count objects
Step 3	Count objects from a larger group
Step 4	Represent objects
Step 5	Recognise numbers as words
Step 6	Count on from any number
Step 7	1 more
Step 8	Count backwards within 10

Step 9	1 less
Step 10	Compare groups by matching
Step 11	Fewer, more, same
Step 12	Less than, greater than, equal to
Step 13	Compare numbers
Step 14	Order objects and numbers
Step 15	The number line

ADDITION AND SUBTRACTION

Year 1 | Autumn term | Block 2 – Addition and subtraction

Small steps

Step 1	Introduce parts and wholes
Step 2	Part-whole model
Step 3	Write number sentences
Step 4	Fact families – addition facts
Step 5	Number bonds within 10
Step 6	Systematic number bonds within 10
Step 7	Number bonds to 10
Step 8	Addition – add together

Step 9	Addition – add more
Step 10	Addition problems
Step 11	Find a part
Step 12	Subtraction – find a part
Step 13	Fact families – the eight facts
Step 14	Subtraction – take away/cross out (How many left?)
Step 15	Take away (How many left?)
Step 16	Subtraction on a number line

| Step 17 | Add or subtract 1 or 2 |

GEOMETRY - SHAPE

Year 1 | Autumn term | Block 3 – Shape

Small steps

Step 1	Recognise and name 3-D shapes
Step 2	Sort 3-D shapes
Step 3	Recognise and name 2-D shapes
Step 4	Sort 2-D shapes
Step 5	Patterns with 2-D and 3-D shapes

Place Value (within 20)

Year 1 | Spring term | Block 1 – Place value (within 20)

Small steps

Step 1	Count within 20
Step 2	Understand 10
Step 3	Understand 11, 12 and 13
Step 4	Understand 14, 15 and 16
Step 5	Understand 17, 18 and 19
Step 6	Understand 20
Step 7	1 more and 1 less
Step 8	The number line to 20

Step 9	Use a number line to 20
Step 10	Estimate on a number line to 20
Step 11	Compare numbers to 20
Step 12	Order numbers to 20

Addition and Subtraction (within 20)

Year 1 | Spring term | Block 2 – Addition and subtraction (within 20)

Small steps

Step 1	Add by counting on within 20
Step 2	Add ones using number bonds
Step 3	Find and make number bonds to 20
Step 4	Doubles
Step 5	Near doubles
Step 6	Subtract ones using number bonds
Step 7	Subtraction – counting back
Step 8	Subtraction – finding the difference

Step 9	Related facts
Step 10	Missing number problems

Place Value (within 50)

Small steps

Step 1	Count from 20 to 50
Step 2	20, 30, 40 and 50
Step 3	Count by making groups of tens
Step 4	Groups of tens and ones
Step 5	Partition into tens and ones
Step 6	The number line to 50
Step 7	Estimate on a number line to 50
Step 8	1 more, 1 less

MEASUREMENT – Length and Height

Year 1 | Spring term | Block 4 – Length and height

Small steps

Step 1	Compare lengths and heights
Step 2	Measure length using objects
Step 3	Measure length in centimetres

MEASUREMENT – Mass and Volume

Year 1 | Spring term | Block 5 – Mass and volume

Small steps

Step 1	Heavier and lighter
Step 2	Measure mass
Step 3	Compare mass
Step 4	Full and empty
Step 5	Compare volume
Step 6	Measure capacity
Step 7	Compare capacity

MULTIPLICATION AND DIVISION

Year 1 | Summer term | Block 1 – Multiplication and division

Small steps

Step 1	Count in 2s
Step 2	Count in 10s
Step 3	Count in 5s
Step 4	Recognise equal groups
Step 5	Add equal groups
Step 6	Make arrays
Step 7	Make doubles
Step 8	Make equal groups – grouping

FRACTIONS

Small steps

Step 1	Recognise a half of an object or a shape
Step 2	Find a half of an object or a shape
Step 3	Recognise a half of a quantity
Step 4	Find a half of a quantity
Step 5	Recognise a quarter of an object or a shape
Step 6	Find a quarter of an object or a shape
Step 7	Recognise a quarter of a quantity
Step 8	Find a quarter of a quantity

GEOMETRY – POSITION AND DIRECTION

Year 1 | Summer term | Block 3 – Position and direction

Small steps

Step 1	Describe turns
Step 2	Describe position – left and right
Step 3	Describe position – forwards and backwards
Step 4	Describe position – above and below
Step 5	Ordinal numbers

NUMBER-PLACE VALUE (WITHIN 100)

Year 1 | Summer term | Block 4 – Place value (within 100)

Small steps

Step 1	Count from 50 to 100
Step 2	Tens to 100
Step 3	Partition into tens and ones
Step 4	The number line to 100
Step 5	1 more, 1 less
Step 6	Compare numbers with the same number of tens
Step 7	Compare any two numbers

MEASUREMENT- MONEY

Year 1 | Summer term | Block 5 – Money

Small steps

Step 1	Unitising
Step 2	Recognise coins
Step 3	Recognise notes
Step 4	Count in coins

MEASUREMENT – TIME

Year 1 | Summer term | Block 6 – Time

Small steps

Step 1	Before and after
Step 2	Days of the week
Step 3	Months of the year
Step 4	Hours, minutes and seconds
Step 5	Tell the time to the hour
Step 6	Tell the time to the half hour