

Place Value (10)
Addition & Subtraction (10)
Summative Assessment
Spatial Reasoning & Pattern
Place Value (20)
Measures
Addition & Subtraction (20)
Place Value (50)
Summative Assessment
Multiplication & Money
Place Value (100)
Time
Summative Assessment
Consolidation

Maths Curriculum Sequence Year 1

Number, Place Value, Calculations, Fractions
Geometry
Measurement
Statistics
Assessment

Y1 Maths Plan
Place Value (10)

These are **NOT** lessons but learning steps and each one takes as long as it takes for **ALL** children to be secure.

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Learning Steps

Prior learning check & remediation/deepening of prior

Count objects

Count objects from a larger group

Manipulative Introduction: tens frame

Represent amounts

Recognize numbers as words

Count on from any number

Represent 6 – 10 as five and a bit

Representation Introduction: part-whole models

Partition numbers 6 - 10 in different ways using part-whole model

Representation Introduction: bar models

Partition numbers 6 - 10 in different ways using bar model

Partition numbers 6 - 10 systematically using part-whole model

Partition numbers to 6 - 10 systematically using bar model

Bar model missing wholes to 10

Bar model missing parts to 10

One more

Count backwards within 10

One less

Fewer, more, same

Less than, greater than, equal to

Compare amounts

Order amounts

Representation Introduction: number lines

Number lines to 10

Assessment

Pause & Stretch: re-assessment & deepening as required

Y1 Maths Plan

Addition & Subtraction (10)

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Learning Steps

Prior learning check & remediation/deepening of prior

Addends, Sums & Equations

Adding 1

Adding to 1

Subtracting 1

Adding 2 and Adding to 2

Subtracting 2

Adding 0 and adding to 0

Subtracting zero

Doubles to 10

Doubles to 10

Near doubles to 10

Near doubles to 10

Halves to 10

Halves to 10

7 Tree

9 Square

The 5, 3 and 8 Rectangle

Practice Lesson: addition facts within 10

Practice Lesson: subtraction facts within 10

Practice Lesson: mixed facts within 10

Explore inverse relationships (add to take)

Explore inverse relationships (take to add)

Addition fact families within 10

Subtraction fact families within 10

Missing number equations within 10 (given addition)

Missing number equations within 10 (given subtraction)

Assessment

Pause & Stretch: re-assessment & deepening as required

PS Skills Lesson: trial & Improvement

Y1 Maths Plan

Spatial Reasoning & Patterns

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Learning Steps

Prior learning check & remediation/deepening of prior

Copy, extend, compose repeating patterns

Copy, extend, compose growing patterns

Turn and flip objects and create reflections

Pupils compose tangram images

Investigate tetromino and pentomino arrangements

Explore and discuss circles including non-examples

Explore and discuss triangles including non-examples

Explore and discuss rectangles & squares including non-examples

Compare and sort 2D shapes

Investigate ways that four cubes can be composed into different 3D models

Explore/discuss cubes/cuboids (+ non-examples) with reference to squares/rectangles

Explore/discuss pyramids (+ non-examples) with reference to squares/rectangles

Explore/discuss spheres (+ non-examples)

Compare and sort 3D shapes

Copy, extend, compose structures using 3d shapes

Turns – left and right

Forwards and backwards

Above and below

Ordinal numbers

PS Lesson: logic

Assessment

Pause & Stretch: re-assessment & deepening as required

Y1 Maths Plan
Place Value (20)

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Learning Steps

Prior learning check & remediation/deepening of prior

Understand 11, 12, 13, 14

Understand 15, 16, 17, 18, 19

Understand 20

One more within 20

One less within 20

Number lines to 20 - estimating

Compare numbers to 20

Order numbers to 20

Assessment

Pause & Stretch: re-assessment & deepening as required

PS Skills Lesson: working collaboratively

Y1 Maths Plan

Measures

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Learning Steps

Prior learning check & remediation/deepening of prior

Understand the concept of length/height & measure using non-standard units

Understand the concept of mass & measure using non-standard units

Understand the concept of capacity & volume & measure using non-standard units

Assessment

Pause & Stretch: re-assessment & deepening as required

PS Skills Lesson: working systematically

Y1 Maths Plan

Addition & Subtraction (20)

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Learning Steps

Prior learning check & remediation/deepening of prior

Ten and a bit addition

A bit and ten addition

Practice Lesson: ten and a bit / a bit and ten mixed addition

Ten and a bit subtraction (the bit)

Ten and a bit subtraction (the ten)

Practice Lesson: ten and a bit (bit/10) mixed subtraction

Using addition within 10 facts within 20

Using addition within 10 facts within 20

Using subtraction within 10 facts within 20

Using subtraction within 10 facts within 20

Practice Lesson: using facts within 10 to 20 mixed

Explore inverses

Missing number equations

PS Lesson: addition and subtraction facts to 20 (more than one possibility)

Assessment

Pause & Stretch: re-assessment & deepening as required

Y1 Maths Plan
Place Value (50)

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Learning Steps

Prior learning check & remediation/deepening of prior

Manipulative Introduction Lesson: Base 10

Count from 20 to 50

20, 30, 40 and 50

Count by making groups of 10

Groups of tens and ones

Partition into tens and ones

Compare numbers to 50

Order numbers to 50

Estimate on a number line to 50

1 more, 1 less

PS Lesson: place value to 50 (visual problems)

Assessment

Pause & Stretch: re-assessment & deepening as required

PS Skills Lesson: finding starting points

Y1 Maths Plan
Multiplication & Money

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Learning Steps

Prior learning check & remediation/deepening of prior

Recognize coins: 1p, 2p, 5p, 10p

Count in 2s including count in 2 pence coins

Make arrays of 2s and link to doubles – record as repeated addition and x

Count in 10s including count in 10 pence coins

Make arrays of 10s – record as repeated addition and multiplication

Count in 5s including count in 5 pence coins

Make arrays of 5 – record as repeated addition and multiplication

Compare sets of 2p, 5p and 10p coins

Make 10p using different amounts of coins

Make 20p using different amounts of coins

PS Lesson: multiplication & money (rules and patterns)

Assessment

Pause & Stretch: re-assessment & deepening as required

PS Skills Lesson: visualising

Y1 Maths Plan

Place Value (100)

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Learning Steps

Prior learning check & remediation/deepening of prior

Count from 50 to 100

Partition into tens and ones to 100

One more, one less to 100

Compare any number to 100

Order numbers to 100

Estimate on a number line to 100

PS Lesson: compare any number to 100 (real-life word)

Assessment

Pause & Stretch: re-assessment & deepening as required

Y1 Maths Plan

Time

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Learning Steps

Prior learning check & remediation/deepening of prior

Before and after
Days of the week
Months of the year
Tell the time to o'clock

Assessment

Pause & Stretch: re-assessment & deepening as required

PS Skills Lesson: conjecture & generalising