

Y1 Learning Sequence

Reception Revisited & Counting Within 100

Number Formation

Alongside the first five lessons in this unit, number formation is to be practised in daily retrieval sessions for the first two weeks (see [Year 1 Retrieval Sequence](#)). This will be using [LET Number Formation Booklet](#).

Continuous Provision & Daily Routines

In addition to continuous provision activities and daily routines to develop the learning steps below, the following knowledge needs to be addressed throughout the year through continuous provision activities:

- **ordinal counting to 100 including through boundaries**
- fine motor skills (particularly focused on children not secure with number formation)
- left and right
- forwards and backwards
- above and below
- before and after
- days of the week
- months of the year
- names of 2d shapes (circles, triangle, squares, rectangles)
- names of 3d shapes (cubes, cuboids, spheres, cylinders, cones)

Only start the 'Numbers to 10' unit when all children are secure with ordinal counting to 5, cardinal counting to 5, comparison to 5 and composition to 5.

Learning Steps

Number formation 0 to 1
 Number formation 2 to 3
 Number formation 4 to 5
 Number formation 6 to 7
 Number formation 8 to 9
 Counting forwards to and backwards from 10
 Perceptually subitise
 Conceptually subitise
 Equality (subitising based)
 More & less (subitising based)
 Count objects in a set to 5
 Count objects in a set to 10
 Count objects from a larger group to 10
 Comparison to 10 (counting based)
 Ordinal numbers show position to 5
 Composition to 5
 Composition to 10
 Counting forwards and backwards within 20
 Patterns of counting
 Counting forwards and backwards within 50
 Counting forwards and backwards within 100
 Decade Numbers

Assessment

Pause & Stretch: re-assessment & deepening as required

Y1 Learning Sequence

Numbers to 10

Only start this unit when all children are secure with the following:

- ordinal counting to 5
- cardinal counting to 5
- comparison to 5
- composition to 5

Learning Steps

Prior learning check & remediation/deepening of prior

Comparing length
 Comparing mass
 Comparing capacity
 Tens frame introduction
 Represent amounts to 10
 Recognize numbers as words
 Represent 6 to 10 as five and a bit structures
 Part-Part-Whole Introduction
 Partition 5 and a bit using PPW models
 Bar model introduction
 Partition 5 and a bit structures using bar models
 Partition 5 and a bit numbers systematically using PPW models
 Partition 5 and a bit numbers systematically using bar models
 Bar models and missing wholes
 Bar models and missing parts
 Odd & even to 10
 Number lines to 10
 One more to 10
 One less to 10
 Fewer, more, same
 Less than, greater than and equal to
 Compare numbers to 10
 Order numbers to 10

Assessment

Pause & Stretch: re-assessment & deepening as required

PS Skills Lesson: trial & improvement

Y1 Learning Sequence

Addition & Subtraction to 10

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 Learning Sequence

Geometric Reasoning

During this unit of work have your continuous provision areas set up to teach and practice through 'purposeful play' the following learning steps:

- left and right
- forwards and backwards
- above and below

Learning Steps

Prior learning check & remediation/deepening of prior

- Copy, extend, compose repeating patterns
- Copy, extend, compose radiating patterns
- Compose tangram images
- Investigate tetromino arrangements
- Investigate 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
- Identify 3D shapes
- 2D parts of 3D wholes
- Compare and sort 3D shapes

Assessment

Pause & Stretch: re-assessment & deepening as required

PS Skills Lesson: working systematically

Y1 Learning Sequence

Numbers to 20

Learning Steps

Prior learning check & remediation/deepening of prior

- Understand 11, 12, 13 (including PPWs, bar models, PV charts & number lines)
- Understand 14, 15, 16 (including PPWs, bar models, PV charts & number lines)
- Understand 17, 18, 19, 20 (including PPWs, bar models, PV charts & number lines)
 - Ten and a bit addition
 - A bit and ten addition
 - Ten and a bit subtraction (the bit)
 - Ten and a bit subtraction (the ten)
 - Odd and even to 20
 - Double & halve facts within 20
 - Using addition within 10 facts to solve within 20
 - Using subtraction within 10 facts to solve within 20
 - Using mixed addition and subtraction facts within 10 to solve within 20

PS Lesson: addition and subtraction facts to 20 (visual)

- Measure length to 20 non-standard
- Measure length to 20 using cm
- Measure mass to 20 non-standard
- Measure capacity to 20 non-standard
- Reading numbers on a clockface using the hour hand

Assessment

Pause & Stretch: re-assessment & deepening as required

PS Skills Lesson: finding starting points

Y1 Learning Sequence

Counting to 100

Learning Steps

Prior learning check & remediation/deepening of prior

Counting in tens – decade numbers

Counting patterns within a decade

Crossing the 10s boundary counting forwards to 50

Crossing the 10s boundary counting backwards from 50

Crossing the 10s boundary counting forwards to 100

Crossing the 10s boundary counting backwards from 100

Counting patterns – midpoints between 10s

Counting patterns – midpoints within 10s

PS Lesson: counting to 100 (rules & patterns)

Assessment

Pause & Stretch: re-assessment & deepening as required

PS Skills Lesson: visualising

Y1 Learning Sequence

Unitising & Coin Recognition

Learning Steps

Prior learning check & remediation/deepening of prior

- Count in groups of 2
- Count in groups of 10
- Count in groups of 5
- Count in 5s using the minute hand on a clockface
- Explain the value of a 1 pence coin
- Explain the value of 2p, 5p and 10p coins
- Explain that a single coin can be worth several pennies

PS Lesson: coins (real-life)

- Calculate the total value of the coins in a set of 2p coins
- Calculate the total value of the coins in a set of 5p coins
- Calculate the total value of the coins in a set of 10p coins
- Make amounts from 2p coins
- Make amounts from 5p coins
- Make amounts from 10p coins
- Compare sets of 2p, 5p and 10p coins

PS Lesson: multiplication & money (more than one possibility)

Assessment

Pause & Stretch: re-assessment & deepening as required

PS Skills Lesson: conjecture & generalising

Y1 Learning Sequence

Time

Learning Steps

Prior learning check & remediation/deepening of prior

Before & after

Days of the week

Months of the year

Reading the hour hand

Reading the minute hand

Assessment

Pause & Stretch: re-assessment & deepening as required