

YR Maths Plan Subitising

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

- Perceptually subitise within 3
- Identify sub-groups in larger arrangements
- Create their own patterns for numbers within 4
- Practise using their fingers to represent quantities which they can subitise
- Experience subitising in a range of contexts, including temporal patterns made by sounds

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan Cardinality, Ordinality & Counting

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

- Prior learning check (see learning trajectories) & remediation/deepening of prior
- Relate the counting sequence to cardinality
- Develop knowledge of the counting sequence, including through rhyme and song
- Develop an understanding that anything can be counted, including actions and sounds
- Explore a range of strategies which support accurate counting

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan Composition

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

- See that all numbers can be made of 1s
- Compose their own collections within 4

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan Comparison

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

- Understand that sets can be compared according to a range of attributes, including by their numerosity
- Use the language of comparison, including 'more than' and 'fewer than'
- Compare sets 'just by looking'.

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Circles & Triangles

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

- Identify and name circles and triangles
- Compare circles and triangles
- Shapes in the environment
- Describe position

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Shapes With 4 Sides

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

- Identify and name shapes with 4 sides
- Combine shapes with 4 sides
- Shapes in the environment
- My day and night

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

It's Me 1, 2, 3

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

- Find 1, 2 and 3
- Subitise 1, 2 and 3
- Represent 1, 2 and 3
- 1 more
- 1 less

Composition of 1, 2 and 3

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Subitising

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

- Perceptually subitise within 3 (continuation)
- Identify sub-groups in larger arrangements (continuation)
- Create their own patterns for numbers within 4 (continuation)
- Practise using their fingers to represent quantities which they can subitise (continuation)
- Experience subitising in a range of contexts, including temporal patterns made by sounds (continuation)
- Subitise within 5, perceptually and conceptually, depending on the arrangements

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Cardinality, Ordinality & Counting

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

Explore the cardinality of 5, linking this to dice patterns and 5 fingers on 1 hand

Begin to count beyond 5

Begin to recognise numerals, relating these to quantities they can subitise and count

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Composition

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

Explore the concept of 'wholes' and 'parts'

Explore the composition of numbers within 5

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Comparison

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

Compare sets using a variety of strategies,

Compare sets by matching

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Mass & Capacity

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

Compare mass

Find balance

Explore capacity

Compare capacity

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Alive in 5

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

Introduce zero
Find 0 to 5
Subitise 0 to 5
Represent 0 to 5
1 more
1 less
Composition
Conceptual subitising to 5

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Subitising

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

Explore patterns within 5
Explore a range of patterns made by some numbers greater than 5
Experience patterns which show a small group and '1 more'
Match arrangements to finger patterns

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Cardinality, Ordinality & Counting

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

Develop verbal counting to 20 and beyond
Develop object counting skills, using a range of strategies to develop accuracy
Link counting to cardinality, including using their fingers to represent quantities between 5 and 10
Order numbers, linking cardinal and ordinal representations of number

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Composition

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

Explore the composition of 5 and practise recalling 'missing' or 'hidden' parts for 5
Explore the composition of 6, linking this to familiar patterns, including symmetrical patterns
See that numbers within 10 can be composed of '5 and a bit'

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Comparison

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

Compare sets using the language of comparison, and play games which involve comparing sets

Compare sets by matching, identifying when sets are equal

Explore ways of making unequal sets equal

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Length, Height & Time

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

Explore length

Compare length

Explore height

Compare height

Talk about time

Order and sequence time

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Subitising

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

Explore symmetrical patterns, in which each side is a familiar pattern, linking this to 'doubles'

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Cardinality, Ordinality & Counting

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

Consolidate their understanding of cardinality, working with larger numbers within 10

Become more familiar with the counting pattern beyond 20

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Composition

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

Explore the composition of odd and even numbers, looking at the 'shape' of these numbers

Begin to link even numbers to doubles

Begin to explore the composition of numbers within 10

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Comparison

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

Compare numbers, reasoning about which is more, using both an understanding of the 'how many ness' of a number, and its position in the number system

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Visualise, Build & Map

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

Identify units of repeating patterns

Create own pattern rules

Explore own pattern rules

Replicate and build scenes and constructions

Visualise from different positions

Describe positions

Give instructions to build

Explore mapping

Represent maps with models

Create own maps from familiar places

Create own maps and plans from story situations

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Explore 3D Shapes

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

Recognise and name 3-D shapes
Find 2-D shapes within 3-D shapes
Use 3-D shapes for tasks
3-D shapes in the environment
Identify more complex patterns
Copy and continue patterns
Patterns in the environment

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Subitising

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

Practise increasingly familiar subitising arrangements
Use subitising skills to enable them to identify when patterns show the same number different arrangement
Subitise structured and unstructured patterns
Identify when it is appropriate to count and when groups can be subitised

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Cardinality, Ordinality & Counting

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

Develop verbal counting to 20 and beyond
Develop confidence and accuracy in both verbal and object counting

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Composition

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

Explore the composition of 10

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Comparison

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

Order sets of objects, linking this to their understanding of the ordinal number system

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Manipulate, Compose & Decompose

Learning Steps

Prior learning check (see learning trajectories) & remediation/deepening of prior

Select shapes for a purpose

Rotate shapes

Manipulate shapes

Explain shape arrangements

Compose shapes

Decompose shapes

Copy 2-D shape pictures

Find 2-D shapes within 3-D shapes

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required