

Maths Curriculum Sequence Year R

Getting To Know You	
Match - Sort - Compare	
Talk About Measure	
Talk About Pattern	
It's Me 1 -2 - 3	
Circles & Triangles	
1, 2, 3, 4, 5	
Shapes With 4 Sides	
Consolidation	Assessment
Alive In 5	
Mass & Capacity	
Growing 6, 7, 8	
Length, Height & Time	
Building 9 & 10	
Explore 3D Shapes	
Consolidation	Assessment
To 20 & Beyond	
How Many Now?	
Manipulate, Compose & Decompose	
Sharing & Grouping	
Visualise, Build & Map	
Connections	
Consolidation	Assessment

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

YR Maths Plan

Match, Sort & Compare

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

Match objects

Match pictures and objects

Identify a set

Sort objects to a type

Explore sorting techniques

Create sorting rules

Compare amounts

Teacher Assessment**Pause & Stretch:** re-assessment & deepening as required

YR Maths Plan

Talk about measure and patterns

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Learning Steps

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

Compare size

Compare mass

Compare capacity

Explore simple patterns

Copy and continue simple patterns

Create simple patterns

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan
It's me 1-2-3

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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

Circles and triangles

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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

1, 2, 3, 4, 5

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Learning Steps

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

Find 4 and 5

Subitise 4 and 5

Represent 4 and 5

1 more

1 less

Composition of 4 and 5

Composition of 1 - 5

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan
Shapes with 4 sides

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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
Alive in 5

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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
Mass & Capacity

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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
Growing 6, 7, 8

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Learning Steps

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

Find 6 7 8

Represent 6 7 8

1 more

1 less

Composition of 6, 7 and 8

Make pairs-odd and even

Double to 8 (find a double)

Double to 8 (make a double)

Combine 2 groups

Conceptual subitising

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Length, height and time

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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
Building 9 and 10

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Learning Steps

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

Find 9 and 10
Compare numbers to 10
Represent 9 and 10
Conceptual subitising to 10
1 more
1 less
Composition to 10
Bonds to 10 (2 parts)
Make arrangements of 10
Bonds to 10 (3 parts)
Doubles to 10 (find a double)
Doubles to 10 (make a double)
Explore even and odd

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan
Explore 3D Shapes

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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
To 20 & Beyond

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Learning Steps

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

- Build numbers beyond 10 (10 -13)
- Continue patterns beyond 10 (10-13)
- Build numbers beyond 10 (14-20)
- Continue patterns beyond 10 (14-20)
- Verbal counting beyond 20
- Verbal counting patterns

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

How many now?

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Learning Steps

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

Add more

How many did I add?

Take away

How many did I take away?

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Manipulate, compose and decompose

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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

YR Maths Plan
Sharing and grouping

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Learning Steps

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

Explore sharing

Sharing

Explore grouping

Grouping

Even and odd sharing

Play with and build doubles

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required

YR Maths Plan

Visualise, build and map

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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
Make connections

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Learning Steps

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

Deepen understanding

Patterns and relationships

Teacher Assessment

Pause & Stretch: re-assessment & deepening as required