Newtown School Reception Maths Curriculum Overview

Autumn

Weeks 1-2 (approximately)	Weeks 3-4 (approximately)	Weeks 5-7 (approximately)	Weeks 8-11 (approximately)	Week 12 (approximately)
Getting to know you	*Continuous provision focus*	**It's me 1, 2, 3** • 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	**1, 2, 3, 4, 5** • 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	*Consolidation*

Taught through continuous provision:

Match, sort and compare
• Match objects
• Match pictures and objects
• Identify a set
• Sort objects to a type
• Explore sorting techniques
• Create sorting rules
• Compare amounts

Talk about measure and patterns
• Compare size
• Compare mass
• Compare capacity
• Explore simple patterns
• Copy and continue simple patterns
• Create simple patterns

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

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

Consolidation of previous learning from maths lessons

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Spring

Weeks 1 – 4 (approximately)	Weeks 5 – 9 (approximately)	Weeks 10-11
Alive in 5 • Introduce zero • Find 0 to 5 • Subitise 0 to 5 • Represent 0 to 5 • 1 more • 1 less • Composition • Conceptual subitising to 5	**Growing 6, 7, 8** • Find 6, 7 and 8 • Represent 6, 7 and 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	**Building 9 and 10** • Find 9 and 10 • Compare numbers to 10 • Represent 9 and 10 • Conceptual subitising to 10

Taught through continuous provision:

Mass and capacity	**Length, height and time**	**Explore 3D shapes**
• Compare mass • Find a balance • Explore capacity • Compare capacity	• Explore length • Compare length • Explore height • Compare height • Talk about time • Order and sequence	• 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

Consolidation of previous learning from maths lessons

Newtown School Reception Maths Curriculum Overview

Summer

Weeks 1-5 (approximately)	Weeks 6-8 (approximately)	Weeks 9-10 (approximately)	Weeks 11-12 (approximately)
Building 9 and 10 (continued)	**To 20 and beyond**	**How many now?**	**Sharing and grouping**
• 1 more	• Build numbers beyond 10 (10 -13)	• Add more	• Explore sharing
• 1 less	• Continue patterns beyond 10 (10-13)	• How many did I add?	• Sharing
• Composition to 10	• Build numbers beyond 10 (14-20)	• Take away	• Explore grouping
• Bonds to 10 (2 parts)	• Continue patterns beyond 10 (14-20)	• How many did I take away?	• Grouping
• Make arrangements of 10	• Verbal counting beyond 20		• Even and odd sharing
• Bonds to 10 (3 parts)	• Verbal counting patterns		• Play with and build doubles
• Doubles to 10 (find a double)			
• Doubles to 10 (make a double)			
• Explore even and odd			

Taught through continuous provision:

Manipulate, compose and decompose	**Visualise, build and map**	**Make connections**
• Select shapes for a purpose	• Identify units of repeating patterns	• Deepen understanding
• Rotate shapes	• Create own pattern rules	• Patterns and relationships
• Manipulate shapes	• Explore own pattern rules	
• Explain shape arrangements	• Replicate and build scenes and constructions	
• Compose shapes	• Visualise from different positions	
• Decompose shapes	• Describe positions	
• Copy 2-D shape pictures	• Give instructions to build	
• Find 2-D shapes within 3-D shapes	• Explore mapping	
	• Represent maps with models	
	• Create own maps from familiar places	
	• Create own maps and plans from story situations	

Consolidation of previous learning from maths lessons