

Reception Maths Overview 2022- 2023

In Reception the ‘mastery approach’ to learning continues. We develop on the key concepts from Nursery.

AUTUMN TERM	
<p>Number and Place value Numbers to 5</p>	<p>Stable order One – one correspondence Cardinality Representation Order irrelevance Subitising</p>
<p>Number and Place value Comparing Quantities- within 5</p>	<p>Compare quantities of identical objects in 2 groups Compare groups of objects that are similar but not identical Compare groups of non identical objects Identify more and fewer Equality Representing groups</p>
<p>Geometry: Properties of Shape</p>	<p>Naming 3D shapes Identifying properties of everyday shapes Describing properties of 3D shapes Comparing properties of 3D shapes</p>
<p>Addition and Subtraction Change within 5</p>	<p>1 more/ 1 less- using ‘first, then, now’ stories</p>
<p>Addition and Subtraction Number Bonds within 5</p>	<p>Introducing the Part- Part Whole model Breaking whole into parts Finding number bonds to 3,4,5</p>

Books

The Very Busy Spider
The Night Pirates
What the Ladybird Heard
Hungry Caterpillar

Songs

The Grand Old Duke of York
Little Miss Muffat
5 Currant Buns

Games

Skittles
Loose Parts - (*White Rose*)
Track Game (WR)
Representation Snap (WR)
Puppets (linked to stories/songs)
Whats the time Mr Wolf
Dominoes
Target throwing
Snap

Lotto

Routine

Lining up
Register
Resource organisation
Milk & Fruit 1-1
Time- times of the day, days of the week, seasons

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SPRING TERM		
Addition and Subtraction Number Bonds within 5	Systematic Commutativity Numbers are made by combing parts	Books One is a Snail, One is a Crab We're going on a Treasure Hunt / Egg Hunt
Geometry: Space	Spatial awareness Understanding and using positional and directional language	The Very hungry Caterpillar
Numbers and Place Value Numbers to 10	Counting to 6,7,8, 9, 10 Cardinality to 10 Representations to 10 Counting up to 10 from a larger group	Songs This Old Man 10 in a bed 10 Green Bottles 5 Little Men in a Flying Saucer Hokey cokey Roly poly
Numbers and Place Value Comparing numbers within 10	Compare groups of up to 10 of different sizes How many more Finding the difference	Games Where is teddy? (preposition) Bunny Ears
Addition and Subtraction Addition to 10	Combining 2 parts to find the whole Number stories	Hidden objects (WR) Shake & Drop (Counters in a pot WR) Skittles
Addition and Subtraction Number bonds to 10	Using 10 frame and then part whole model Working systematically	Making 10- dice game Hop scotch Hide and seek
Measure : Length height and weight	Using language of measures Comparing lengths and weights Using non standard units of measure Understanding scales	Dice games Routine Commenting on shapes in the environment, using shape names as adjectives

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SUMMER TERM		
Addition and Subtraction Subtraction	Identifying a missing part Using number bonds	Books The doorbell rang 365 penguins The bad tempered ladybird
Geometry Exploring Pattern	Recognise, explore and create simple visual patterns- shapes and objects Continue given pattern – increase complexity	Songs 2,4,6,8 10 fat sausages
Multiplication and Division Numerical Pattern	Explore and represent numbers with patterns: Doubling Halving and sharing Odds and evens	Games Flying aeroplanes Races Skittles- double up score
Measure : Volume and capacity	Recognising when a container is full Comparing volume and capacity Measuring capacity	Snap Pairs
Geometry: Shape	Composing and decomposing shape	Routine Commenting on shapes in the environment, using shape names as adjectives
Addition and Subtraction Number bonds up to 10	Embedding systematic composition up to 10 (NCETM mastering number sessions)	Milk and fruit- scales