Mathematics

Evelyn Street Primary Academy

Long term plan 23-24

NURSERY

Evelyn Street Primary School- Number and Number Patterns

Maths progression through EYFS Nursery

Learning Outcomes	Autumn 1 Colours and feelings	Autumn 2 Families and Celebrations	Spring 1 Traditional Tales	Spring 2 Growing and changing	Summer 1 People Who Help Us	Summer 2 Wild Animals / Zoo
	⇨ Engage in open-ended play, developing one-to-one correspondence e.g. *one doll in a pram / one peg in each bowl* ⇨ Participate in number songs – beginning to use fingers to represent numbers ⇨ Count by rote from 1-5+ ⇨ Identify a small set that has 'more' or 'less' or the 'same'.		⇨ Count accurately using 1-1 correspondence for numbers 1-3 ⇨ Identify some representations of numbers 1,2,3, ⇨ Begin to subitise 1-3 ⇨ Match objects to numerals using 1-3 ⇨ Count by rote to 10		⇨ Count forwards and backwards ⇨ Count accurately using 1- correspondence for numbers 1-5 ⇨ Find 1 more and 1 less than a number between 1 and 5 ⇨ Begin to subitise to 5 ⇨ Recognise and order numbers 1-5+	

Learning Outcomes	Autumn 1 Colours and feelings	Autumn 2 Families and Celebrations	Spring 1 Traditional Tales	Spring 2 Growing and changing	Summer 1 People Who Help Us	Summer 2 Wild Animals / Zoo
	⇨ Sort objects by colour using the words *same* and *different* ⇨ Sort different objects by noticing similarities and differences e.g. *Autumn items* ⇨ Use the language of size - *big/ little, small/large* ⇨ Use language of *long* and *short* to describe lengths ⇨ Copy a simple repeating pattern. ⇨ Follow the daily routine and begin to predict what might happen next with a visual timetable		⇨ Sort objects by shape and size ⇨ Begin to continue a repeating pattern ⇨ Compare amounts using full / empty to make comparisons ⇨ Start to make direct comparisons using longer/ shorter, taller/ shorter to describe ⇨ Compare lengths using practical objects and begin to make some comparisons using appropriate language ⇨ Name simple 2D shapes of circle, triangle, rectangle and square		⇨ Begin to make own repeating pattern ⇨ Describe shapes they see in images and pictures. ⇨ Use words such as round/ straight/ flat to describe shape characteristics. ⇨ Talk about and sequence the events within a school day ⇨ Use time vocabulary of - *day/night/today/tomorrow/before/after that* to describe when an event is happening ⇨ Use words such as heavy/light ⇨ Use words of more or less when describing quantities ⇨ Use positional language to place and describe items - *under/ in/ on/ on top of/ behind/ in front of/* ⇨ Use directional language of up/ down / across to describe locations.	

	EYFS -Reception						
Autumn EYFS Reception	**Getting to know you** Create opportunities for settling in and introducing areas of provision. Discuss key times of day and class routines. Explore inside and outside and discuss where things belong.	**Match, sort and compare**	**Talk about measure and pattern**	**It's me 1,2,3!**	**Circles and triangles**	**1, 2, 3, 4, 5**	**Shapes with 4 sides**
Spring EYFS Reception	Alive in 5	Mass and capacity	**Growing 6,7,8**	**Length, height and time**	**Building 9, 10**	**Explore 3D shapes**	
Summer EYFS Reception	To 20 and beyond	How many now?	Manipulate, compose and decompose	Sharing and grouping	Visualise, build and map	Make connections	

	YEAR 1					
Autumn	Number: Place Value (within 10)		Number: Addition and Subtraction (within 10)		Geometry: Shape	
Spring	Number: Place Value (within 20)	Number: Addition and Subtraction (within 20)	Place value within 50	Measurement: Length and height	Measurement: Mass and Volume	
Summer	Number: Multiplication and Division	Number: Fractions	Geometry: Position & Direction	Number: Place Value (within 100)	Measures: Money	Measurement: Time

	YEAR 2			
Autumn	Number: Place Value	Number: Addition and Subtraction	Geometry: Properties of Shape	
Spring	Measurement: money	Number: Multiplication and Division	Measurement: Length & Height	Measurement: Mass, Capacity and Temperature
Summer	Number: Fractions	Measurement: Time	Statistics	Geometry: Position and Direction

Term	3/4 overview			
Autumn	Number: Place Value	Number: Addition and Subtraction	Number: Multiplication and Division	
	• *Language of 25, 50, 75, 100 must be needs to be a fluent spoken language pattern* • *Yr 3= Multiplication tables - Divide 2, 5, 10 and recite in 4, 8, count 3, 11* • *Yr 4 = Multiplication tables - Divide 2, 4, 5, 10, 11 and multiply 3, 8 and recite 6, 7, 9, 12*			
Spring	Number: Multiplication and Division	Measurement: Length and Perimeter and Area (Yr 4 only)	Number: Fractions	Measures: Mass and Capacity (Yr 3) Decimals (Yr 4)
	Yr 3= Multiplication tables - Divide 2, 5, 10 and multiply 4, 8, recite 3, 11 *Yr 4 = Multiplication tables - Divide 2, 3, 4, 5, 8, 10, 11 and multiply 6, 7, 9, 12*			
Summer	Number: Decimals Measure: Money	Measurement: Time	Statistics	Geometry: Properties of shape and Position and direction (Yr 4 only)
	Yr 3= Multiplication tables - Divide 2, 4, 5, 10 and multiply 8, 3, 11 *Yr 4 = Multiplication tables - Divide all to 12 x 12*			

<table>
<tr><th></th><th colspan="5">5/6 Overview</th></tr>
<tr><td>Autumn</td><td colspan="2">Number: Place Value</td><td colspan="2">Number: Four operations</td><td>Number: Fractions</td></tr>
<tr><td rowspan="2">Spring</td><td colspan="2" rowspan="2">Number: Decimal and Percentages</td><td rowspan="2">Measure: Convert units</td><td rowspan="2">Number: Ratio</td><td rowspan="2">Measure: Perimeter, Area and Volume</td><td>Yr 5 consolidation</td></tr>
<tr><td>Yr6 Number: Algebra</td></tr>
<tr><td>Summer</td><td colspan="2">Geometry: Property of Shape and Position and Direction</td><td colspan="2">Statistics</td><td>Investigations and consolidation</td></tr>
</table>