

Mathematics Long Term Plan



**Evelyn Street
Primary Academy**

Evelyn Street Primary School- Number and Number Patterns

Maths progression through EYFS Nursery

	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
Learning Outcomes <u>Number and Patterns</u>	⇒ Engage in open-ended play, developing one-to-one correspondence e.g. <i>one doll in a pram / one peg in each bowl</i> ⇒ 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- 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 from ⇒ 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+	
	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
Learning Outcomes <u>Shape, Space and Measure</u>	⇒ Sort objects by colour using the words <i>same</i> and <i>different</i> ⇒ Sort different objects by noticing similarities and differences e.g. <i>Autumn items</i> ⇒ Use the language of size - <i>big/ little, small/large</i> ⇒ Use language of <i>long</i> and <i>short</i> 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 - <i>day/night/today/tomorrow/before/after that</i> 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 - <i>under/ in/ on/ on top of/ behind/ in front of/</i> ⇒ Use directional language of up/ down / across to describe locations.	

Term	EYFS - reception OVERVIEW				
Autumn	Getting to know you	Just like me	It's me 1,2,3!	Light and dark	Alive in 5!
Spring	Growing 6,7,8		Building 9,10		To 20 and beyond (1)
Summer	To 20 and beyond (2)		First, then, now	Find my pattern	On the move

Term	Year 1 Overview					
Autumn	Number: Place Value (within 10)	Number: Addition and Subtraction (within 10)	Geometry: Shape	Number: Place Value (within 20)		
	<i>Multiplication tables - Count in 2, 5, 10</i>					
Spring	Number: Addition and Subtraction (within 20)	Number: Place Value (within 50) <i>includes counting in 2s and 5s</i>	Measurement: Length and Height	Measurement: Mass and Volume		
	<i>Multiplication tables - Count in 5, 10 and recite 2</i>					
Summer	Number: Multiplication and Division (reinforce multiples of 2, 5 and 10 to be included)	Number: Fractions	Geometry: Position & Direction	Number: Place Value (within 100)	Measures: Money	Measurement: Time
	<i>Multiplication tables - Recite 5, 10 and multiply 2 Fluency – Addition and subtraction within 10</i>					

Term	Year 2 Overview				
Autumn	Number: Place Value	Number: Addition and Subtraction		Measurement: money	Number: <u>Multiplication and division</u>
	<p><i>Multiplication tables - Recite 5, 10 and multiply 2 and count in 4s</i> 2NF-1 Secure fluency in addition and subtraction facts within 10, through continued practice.</p>				
Spring	Number: Multiplication and Division	Statistics	Geometry: Properties of Shape	Number: Fractions	
	<p><i>Multiplication tables - Multiply 5, 10 and divide 2 and count in 4s</i> 2NF-1 Secure fluency in addition and subtraction facts within 10, through continued practice.</p>				
Summer	Measurement: Time	Geometry: Position and Direction	Problem solving	Measurement: Length & Height	Measurement: Mass, Capacity and Temperature
	<p><i>Multiplication tables - Divide 2, 5, 10 and recite in 4s</i> <i>Fluency – Addition and subtraction across 10</i></p>				

Term	Year 3 overview			
Autumn	Number: Place Value	Number: Addition and Subtraction		Number: Multiplication and Division
	<ul style="list-style-type: none"> • <i>Language of 25, 50, 75, 100 must be needs to be a fluent spoken language pattern</i> • <i>Yr 3= Multiplication tables - Divide 2, 5, 10 and recite in 4, 8, count 3, 11</i> 			
Spring	Number: Multiplication and Division	Measurement: Length and Perimeter	Number: Fractions	Measures: Mass and Capacity
	<p style="text-align: center;"><i>Yr 3= Multiplication tables - Divide 2, 5, 10 and multiply 4, 8, recite 3, 11</i></p>			
Summer	Measure: Money	Measurement: Time	Statistics	Geometry: Properties of shape
	<p style="text-align: center;"><i>Yr 3= Multiplication tables - Divide 2, 4, 5, 10 and multiply 8, 3, 11</i></p>			

Term	Year 4 overview			
Autumn	Number: Place Value	Number: Addition and Subtraction		Number: Multiplication and Division
	<ul style="list-style-type: none"> • <i>Language of 25, 50, 75, 100 must be needs to be a fluent spoken language pattern</i> • <i>Yr 4 = Multiplication tables - Divide 2, 4, 5, 10, 11 and multiply 3, 8 and recite 6, 7, 9, 12</i> 			
Spring	Number: Multiplication and Division	Measurement: Length, Perimeter and area	Number: Fractions	Measures: Mass and Capacity
	<p style="text-align: center;"><i>Yr 4 = Multiplication tables - Divide 2, 3, 4, 5, 8, 10, 11 and multiply 6, 7, 9, 12</i></p>			
Summer	Number: Decimals Measure: Money	Measurement: Time	Statistics	Geometry: Properties of shape Position and direction
	<p style="text-align: center;"><i>Yr 4 = Multiplication tables - Divide all to 12 x 12</i></p>			

	Year 5 Overview				
Autumn	Number: Place Value	Number: Four operations		Number: Fractions	
Spring	Number: Decimal and Percentages	Measure: Convert units	Number: Ratio	Measure: Perimeter, Area and Volume	Number: FDP consolidation
Summer	Geometry: Property of Shape Position and Direction	Statistics		Investigations and consolidation	

	Year 6 Overview				
Autumn	Number: Place Value	Number: Four operations		Number: Fractions	
Spring	Number: Decimal and Percentages	Measure: Convert units	Number: Ratio	Measure: Perimeter, Area and Volume	Number: Algebra
Summer	Geometry: Property of Shape Position and Direction	Statistics		Investigations and consolidation	