



# Maths Long Term Plan

Maths 2023-2024

Mr Darby





## Maths long term plan

### Nursery - Early years

In Nursery, we provide 2 weekly sessions in which we cover the six key foundation areas: Cardinality and counting, comparison, composition, pattern, shape and space using the Development Matters framework as a guidance.

Continuous provision promotes children's independence in applying their taught skills. Staff carefully plan the provision related to children's starting points but also provide appropriate challenge. Children are supported through scaffolding, adaptations as needed.

Nursery						
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topics	Rhyme and Colour	Let's Celebrate!	Growth and Change		People Who Help Us	Bears, Bears, Bears!
<b>Mathematics</b>	*Talk about and explore 2D and 3D shapes using informal and mathematical language.	*Understand position through words alone. *Make comparisons between objects relating to size, length, weight and capacity.	*Compare quantities using language more than, fewer than.			*Describe a familiar route.



## Maths long term plan

### Reception - Early years

In Reception, we use the Development Matters and the Early Learning Goal statements as a starting point for our maths teaching. We use baseline information to inform our starting point in our teaching sequence and also use this to target individual needs in maths. Maths is taught daily in Reception for 45 minutes then continuous provision promotes children's independence in a applying their taught skills. We carefully plan the provision related to children's starting points but also provide appropriate challenge. Children are supported through scaffolding, adaptations as needed. We use a range of resources from the mastering number programme, white rose and NCETM.

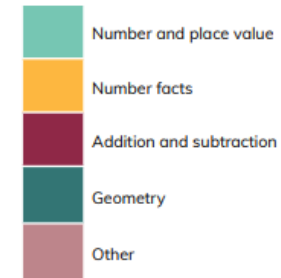
Continuous provision promotes children's independence in a applying their taught skills. Staff carefully plan the provision related to children's starting points but also provide appropriate challenge. Children are supported through scaffolding, adaptations as needed.

Reception						
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topics	All about Me!	Tell me a Story	The Big Wide World		Crazy Construction	Water, Water, Everywhere!
<b>Mathematics</b>	<ul style="list-style-type: none"> <li>*Count objects, actions and sounds.</li> <li>*Subitise</li> <li>*Link the number symbol with its cardinal number value.</li> <li>*Count beyond 10</li> <li>*Compare numbers</li> <li>*Understand one more/one less.</li> <li>*Continue, copy and create repeating patterns.</li> </ul>	<ul style="list-style-type: none"> <li>*Understand the relationship between consecutive numbers.</li> <li>*Explore the composition of numbers 1-10.</li> <li>*Compare length, weight and capacity.</li> </ul>	<ul style="list-style-type: none"> <li>*Automatically recall number bonds for numbers 0-10.</li> <li>*Select and rotate shapes in order to develop spatial reasoning skills.</li> <li>*Compose and decompose shapes so that children recognise a shape can have other shapes within it, just as numbers can.</li> </ul>	<ul style="list-style-type: none"> <li>*Explore the composition of numbers 1-10.</li> <li>*Automatically recall number bonds for numbers 0-10.</li> </ul>	<ul style="list-style-type: none"> <li>*Fluency and Mastery of the previous taught concepts.</li> </ul>	ELG statements



## Year 1 - Key Stage 1

	Unit	Unit name
Autumn 1	1	Previous Reception experiences and counting within 100
Autumn 2	2	Comparison of quantities and part-whole relationships
	3	Numbers 0 to 5
	11	Time
Spring 1	4	Recognise, compose, decompose and manipulate 2D and 3D shapes
	10	Position and direction
	5	Numbers 0 to 10
Spring 2	6	Additive structures
Summer 1	7	Addition and subtraction facts within 10
	8	Numbers 0 to 20
Summer 2	9	Unitising and coin recognition
	11	Measurement



# Year 1 Curriculum map





## Year 2 - Key Stage 1

	Unit	Unit name
Autumn 1	1	Numbers 10 to 100
	2	Calculations within 20
Autumn 2	3	Fluently add and subtract within 10
	4	Addition and subtraction of two-digit numbers (1)
Spring 1	5	Introduction to multiplication
Spring 2	6	Introduction to division structures
	7	Shape
	8	Addition and subtraction of two-digit numbers (2)
Summer 1	9	Money
	10	Fractions
	11	Time
	12	Position and direction
Summer 2	13	Multiplication and division – doubling, halving, quotitive and partitive division
	14	Sense of measure – capacity, volume, mass

	Number and place value
	Number facts
	Addition and subtraction
	Multiplication and division
	Geometry
	Other

# Year 2

## Curriculum map

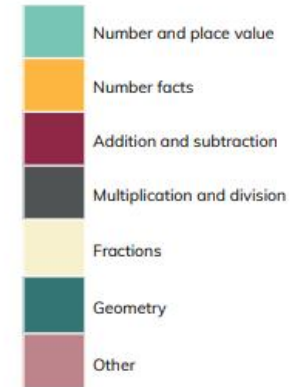


June 2021



## Year 3 - Key Stage 2

	Unit	Unit name
Autumn 1	1	Adding and subtracting across 10
	2	Numbers to 1,000
Autumn 2	11	Measurement
	4	Manipulating the additive relationship and securing mental calculation
Spring 1	5	Column addition
	7	Column subtraction
Spring 2	6	2, 4, 8 times tables
	3	Right angles
Summer 1	10	Parallel and perpendicular sides in polygons
	11	Time
Summer 2	9	Non-unit fractions
	8	Unit fractions
	4	3, 6, 9 times tables
	8	Statistics



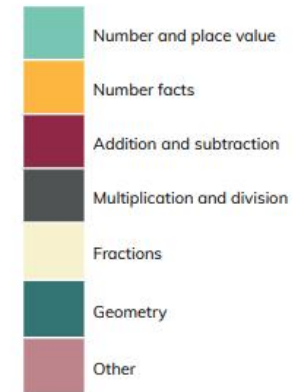
# Year 3 Curriculum map





## Year 4 - Key Stage 2

	Unit	Unit name
Autumn 1	1	Review of column addition and subtraction
	2	Numbers to 10,000
Autumn 2	3	Perimeter
	5	7 times table and patterns
	6	Understanding and manipulating multiplicative relationships
Spring 1	3	Types of angles
Spring 2	10	Symmetry in 2D shapes
	7	Coordinates
	8	Review of fractions
Summer 1	9	Fractions greater than 1
	11	Time
Summer 2	12	Division with remainders
	2	Roman Numerals
	8	Statistics
	11	Measurement



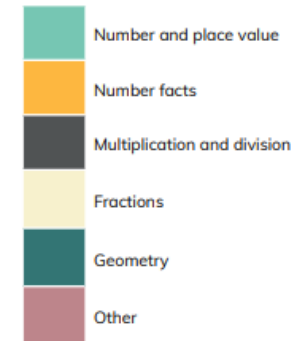
# Year 4 Curriculum map





## Year 5 - Key Stage 2

	Unit	Unit name
Autumn 1	2	Numbers up to 1,000,000
	1	Decimal fractions
	2	Money
	3	Negative numbers
Autumn 2	4	Short multiplication and short division
	5	Area and scaling
Spring 1	2	Roman Numerals
	6	Calculating with decimal fractions
Spring 2	7	Factors, multiples and primes
	8	Fractions
Summer 1	9	Converting units
	10	Angles
	8	Statistics



# Year 5

## Curriculum map

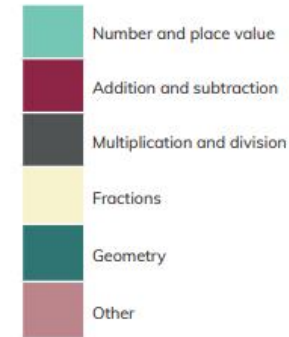






Year 6 - Key Stage 2

	Unit	Unit name
Autumn 1	1	Calculating using knowledge of structures (1)
	2	Multiples of 1,000
Autumn 2	3	Numbers up to 10,000,000
	4	Draw, compose and decompose shapes
Spring 1	5	Multiplication and division
	12	Order of operations
	6	Area, perimeter, position and direction
Spring 2	7	Fractions and percentages
	8	Statistics
Summer 1	9	Ratio and proportion
	KS2 tests	
Summer 2	10	Calculating using knowledge of structures (2)
	11	Solving problems with two unknowns
	13	Mean average



# Year 6 Curriculum map

