Maths Long Term Plan

2022-2023

Nursery

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer2
Maths		Baseline Numeral 1 - 2D shape: circle	Numeral 2 - Sorting - Pattern	Numeral 3 - 2D shape: triangle - Sorting - Length/Height	Numeral 4 - 2D shape: square & rectangle - Sorting	Numeral 5 - Measures - Capacity	Recap and application of numerals 1-5 Positional language Recap 2D shape Weight
	Throughout the year: Counting songs up to five						

Reception

Mastering Number (Mon-Fri)	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer2
Subitising	Revise numbers 1 – 5	Within 5 conceptually and perceptually Patterns within 4 Use fingers to represent quantities they can subitise	Build confidence of subitising within 5 – structured and random arrangements Patterns using 5 and more than 5 – including 5 as a part Patterns with small group and 1 more Match arrangements to fingers	Symmetrical patterns – linking to doubles	Explore familiar subitising patterns including 1 more and doubles Use subitising when number patterns are shown in different ways and when patterns are similar but are a different number Subitise structured and unstructured patterns Encouraged to know when to count and when to subitise	In this half-term, the children will consolidate their understanding of concepts previously taught through working in a variety of contexts and with different numbers.
Cardinality, Ordinality and Counting	One to one correspondence Counting to 5 Counting songs and rhymes	One to one correspondence/ knowing the last number of the Counting through rhymes and songs Anything can be counted Support accurate counting	Verbal counting to 20 and beyond Object counting building strategies and accuracy Link counting to cardinality Order numbers	Cardinality of numbers within 10 Become more familiar with the counting pattern beyond 20	Develop verbal counting to 20 and beyond Count from different starting points Develop confidence in verbal and object counting	In this half-term, the children will consolidate their understanding of concepts previously taught through working in a variety of contexts and with different numbers.

		Explore cardinality of 5 Begin to count beyond 5 Recognise numerals to 5				
Composition	Showing numbers Making numbers using objects	All numbers can be made with 1s Compose own numbers within 5 Explore parts and wholes	Composition of 5 – missing/hidden parts Composition of 6 Numbers to 10 can be seen as 5 and a bit more	Odd and even numbers using the 'shape' of these Begin to link even to doubles Begin to explore composition within 10	Explore composition of 10	In this half-term, the children will consolidate their understanding of concepts previously taught through working in a variety of contexts and with different numbers.
Comparison	Language of comparison	Sets can be compared Use language of comparison – more than, fewer than Compare by looking/subitising and matching Compare equal sets	Compare and use language to compare, play comparison games Compare by matching equal sets Explore making unequal sets	Compare numbers and reason about which is more using its howmanyness and position in the number system	Order sets of objects – link to understanding of ordinal number system	In this half-term, the children will consolidate their understanding of concepts previously taught through working in a variety of contexts and with different numbers.
Shape, Space and Measures / Big Maths (Fridays)	Pattern	Pattern Shape	Shape	Shape Measures	Big Maths/CLIC	Big Maths/ CLIC

Year 1

Autumn Term													
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Numbers to 10 / Number Bonds / Addition within 10 / Subtraction within 10								Positions	Numbers to 20 / Addition and Subtraction within 20					

Spring Term												
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6		Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	
Shapes and Patterns		Length and Height	Assessment 1A	Numbers to 40 (Consolidate to 20 if needed prior to teaching to 40)				Addition and Subtraction Word Problems		Multiplication Division		Fractions		

Summer Term												
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6		Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Numbers to 100			Time					Money	Volume and Capacity Mass		Space	Assessment 1B	Consolidation/ Transition	

Year 2

Autumn Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Numbers to 100 Addition and Subtraction								Multiplication of 2, 5, 10 Multiplication and Division of 2, 5, 10						Length

Spring Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6		Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	
Length Mass Temperature			Pictograms		Assessment 2A			Money		2D/3D Shapes				

Summer Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Fractions				SATs Week	Word Probs		Time Volume				Assessment 2B	Consolidation/ Transition	

Year 3

Autumn Term													
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Numbers to 1000		Addition and Subtraction						Add and Sub	Multiplication and Division Further Multiplication and Division					

Spring Term													
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6		Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	
Length Mass Volume			Assessment 3A	Money				Money Time						

Summer Term													
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6		Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Picture Graphs and Bar Graphs	Fractions							Angles Lines of Shapes Perimeter of Figures				Assessment 3B	Consolidation/ Transition	

Year 4

Autumn Term														
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Numbers to 10 000 Addition and Subtraction within 10 000								Multiplication and Division Further Multiplication and Division						

Spring Term														
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6		Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	
Graphs	Fractions			Time	Assessment 4A			Decimals					Money	

Summer Term														
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6		Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Mass, Volume and Length			Area of Figures		Geometry Position and Movement			Geometry Position and Movement		Roman Numerals	Number Facts	Assessment 4B	Consolidation/ Transition	

Year 5

Autumn Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Numbers to 1000 000 Addition and Subtraction Multiplication and Division								Multiplication and Division Word Problems			Graphs		Fractions	

Spring Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6		Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	
Fractions		Assessment 5A	Decimals					Decimals	Percentages	Geometry Position				

Summer Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6		Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Measurements			Area and Perimeter					Volume		Roman Numerals	Number Facts	Assessment 5B	Consolidation/ Transition	

Year 6

Autumn Term														
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Numbers to 10 million Four Operations						Fractions		Fractions Decimals						

Spring Term														
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6		Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	
Measurements	Word Problems/ Assessment 6A	Percentages		Ratio				Area and Perimeter	Volume	Geometry Position and Movement				

Summer Term														
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6		Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Graphs and Averages		Algebra Negative Numbers	SATs Week	Consolidation				Consolidation				Assessment 6B	Transition	