



# Maths Learning Map



Year	Autumn		Spring		Summer	
<b>Nursery 1</b>	Counting songs and recognising numbers.	Sorting and categorising Matching amounts to sets Number recognition	Matching amounts to sets, i.e. I have 5 teddy bears.	1:1 counting Number matching	Counting groups of numbers and matching to numerals	Number recognition and formation (to 10 and beyond) Numbers in a number line
<b>Nursery 2</b>	Language associated with "more" "lots" who has the most bears	Recognise that groups of objects change when objects are added or removed	Comparing groups of objects and recognise who has more.	Attempt to write numbers in order.	Count out irregular amounts and match number cards.	Practise counting beyond ten.
<b>Reception</b>	Number a week 1-5 exploring time, length and shape.	Number a week 6-10 exploring time, length and shape.	Number a week 11-16 exploring time and length.	Number a week 17-20 we will explore length and size. Making comparisons between the height of our plants and capacity of how much water our plants need.	Recognition of 3d shapes and using name appropriately during continuous provision.	Shape, time and capacity.
<b>Year 1</b>	Number and place value to 10. Addition and subtraction. Sequencing numbers.	Number and place value to 20. Sequencing numbers. Properties of shape.	Addition and subtraction to 20. Place value to 50. Ordering and sequencing	Place Value to 50. Counting in 2s,5s and 10s. Measurement and capacity.	Multiplication and division Fractions Position and direction	Numbers to 100 Time Money
<b>Year 2</b>	Numbers to 100 Addition and subtraction Money	Multiplication and division Statistics Length and Height	Properties of Shapes Fractions	Position and direction Problem solving	Time Weight, Volume and Temperature	Word problems and revision
<b>Year 3</b>	Number number and place value addition and subtraction multiplication and division	Number number and place value addition and subtraction multiplication and division	Measurement Statistics Fractions	Measurement Statistics Fractions	Fractions Measurement Geometry	Fractions Measurement Geometry
<b>Year 4</b>	Place value 4 digit numbers Addition and subtraction	Perimeter (perimeter) Multiplication and division	Multiplication and division Measure (area) Fractions	Fractions Decimals	Decimals Money Time	Statistics Geometry (angles and 2D shapes) Geometry (position and direction)
<b>Year 5</b>	Number and Place Value Addition and Subtraction Statistics	Multiplications and Division Measurement	Multiplication and division Number- fractions- including decimals and percentages	Number- fractions- including decimals and percentages	Number- fractions Geometry- shapes,	Geometry- position and direction Measurement
<b>Year 6</b>	Number: place value, addition, subtraction, multiplication and division.	Number: fractions Geometry: position and direction.	Number- fractions (including decimals and percentages) Algebra	Measurement Ratio and Proportion	Geometry Number- number and place value Statistics	Geometry Number- number and place value Statistics
<b>Year 7</b>	Data Number	Algebra Decimals	Fractions Probability	Ratio Proportion	Angles Sequences	Graphs Transformations
<b>Year 8</b>	Number Area Volume	Expressions Equations Vectors Straight Line Graphs	Ratio and Proportion Angles Construction Bearings	Fractions Percentages Decimals	Algebra Pythagoras Theorem Trigonometry	Statistics Probability
<b>Year 9</b>	Number Algebra Data	Fractions Decimals Percentages	Algebra Shape Angles	Statistics Area Volume	Graphs Transformations	Ratio and Proportion Probability Pythagoras Theorem Trigonometry
<b>Year 10</b>	Number Algebra Fractions	Graphs Decimals Data Percentages	Area Graphs Ratio Proportion	Polygons Algebra Probability Transformations	Shape Percentages Measure Statistics	Constructions Loci
<b>Year 11</b>	Number Algebra Probability	Volume Quadratics Data	Inequalities Ratio and proportion Graphs	Revision	Revision	Revision