Burnwood Community School
Maths Overview

	Autumn	Spring	Summer
Nursery	Numbers have an order that they follow. Each number is 1 more than the previous number. The last number reached when counting tells you how many there are in total. More means there is a larger amount. A lot is large amount of objects. Adding objects makes the group bigger. Taking away makes the group smaller. A number of objects can be separated in different ways but the total is still the same. Items can have different heights, lengths and weights. Containers hold different amounts.	Numbers have an order that they follow. Each number is 1 more than the previous number. Adding objects makes the group bigger. Taking away makes the group smaller. The last number reached when counting tells you how many there are in total. 3 objects can be moved around but the total is always 3. More means there is a larger amount. A lot is large amount of objects. A number of objects can be separated in different ways but the total is still the same. Items can have different heights, lengths and weights. Containers hold different amounts. Shapes have different properties. They can be straight, curvy, or short. Shapes are all around us in the environment. Positional language is used to describe where things are in relation to one another.	Numbers have an order that they follow. Each number is 1 more than the previous number. Numbers to 5 can be made in different ways but the total is the same each time. 3 objects can be moved around but the total is always 3. The last number reached when counting tells you how many there are in total. Shapes have different properties. They can be straight, curvy, or short. Shapes are all around us in the environment. 3-D shapes are solid shapes. They have different shaped faces. Positional language is used to describe where things are in relation to one another. Positional language includes in, on, next to, behind and in front of. Items can have different heights, lengths and weights. Containers hold different amounts.
Reception	Comparing amounts Compare size, mass and capacity Exploring pattern Representing 1, 2 and 3 Comparing 1, 2 and 3 Composition of 1, 2 and 3 Circles and triangles Positional Language Representing numbers to 5 One more or less Shapes with 4 sides Time	Introducing zero Comparing numbers to 5 Composition of 4 and 5 Compare mass Compare capacity 6, 7 and 8 Combining two amounts Making pairs Length and height Time Counting 9 and 10 Comparing numbers to 10 3D Shapes Spatial awareness Patterns	Build numbers beyond 10 Count patterns beyond 10 Spatial reasoning Match, rotate and manipulate Adding more Taking away Spatial reasoning Compose and decompose Doubling Sharing and grouping Even and odd Visualise and build Patterns and relationships Mapping

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Year 1	Number and place value - Numbers to 10 Addition and subtraction - within 10 Geometry – properties of shape 2D and 3D shapes	Number and Place Value – Numbers to 20 Number – addition and subtraction within 20 Place value – numbers up to 50 Measurement – length and height Measurement – weight and volume	Number – multiplication and division - Number – fractions – halves and quarters Geometry – position and direction Number and place value – numbers to 100 Measurement – time and money
Year 2	Number and place value – numbers to 100 Number – addition and subtraction Measurement - Money Geometry – properties of shape	Measurement – Money Number – multiplication and division Measurement- Length and Height Measurement- Mass Capacity Temperature Statistics	Number – Fractions Geometry - Position and Direction Measurement-Time Number- addition and subtraction- problem solving and efficient methods
Year 3	Number – number and place value within 1,000 Number – addition and subtraction Number – multiplication and division	Number – multiplication and division Measurement-Length and Perimeter Fractions Measurement-Mass Measurement- Capacity	Number – fractions Measurement-Time Geometry – properties of shapes-Angles and properties of shapes Measurement-Mass Measurement-Capacity
Year 4	Place value – 4-digit numbers Number – addition and subtraction Measurement – area Number – multiplication and division	Number –multiplication and division Measurement– Length and Perimeter Fractions Number – fractions (including decimals)	Number – fractions - decimals Measurement-Money Measurement-Time Statistics Geometry – properties of shapes – angles and 2d shape properties Statistics Geometry – Position and Direction
Year 5	Place value – 1,000,000 Place value-within 1,000,000 Number – addition and subtraction Number –multiplication and division Fractions decimals and percentages	Number-multiplication and division Number – fractions (including decimals and Percentages) Decimals and percentages Measurement – perimeter and area Statistics – graphs and tables	Geometry – properties of shapes Geometry – position and direction Number – decimals Number – negative numbers Measurement – converting units Measurement – volume and capacity
Year 6	Place value within 10,000,000 Number – addition, subtraction, multiplication and division -Four operations Number – fractions Measurement – imperial and metric units	Ratio and proportion Algebra Number – Decimals Number - percentages Measure – perimeter, area and volume	Statistics Geometry – properties of shapes Geometry – position and direction Number - Problem solving