

Nursery – Yearly Maths Overview

N	Aged 2 - 4					
	Comparison 1	Shape, space and measure 1	Pattern 1	Counting 1	Counting 2	Subitising 1
	More than, fewer than, same	Explore and build with shapes and objects	Explore repeats	Hear and say number names	Begin to order number names	I see 1, 2, 3
	Pattern 2	Shape, space and measure 2	Subitising 2	Counting 3	Shape, space and measure 3	Pattern 3
	Join in with repeats	Explore position and space	Show me 1, 2, 3	Move and label 1, 2, 3	Explore position and routes	Explore patterns
	Counting 4	Shape, space and measure 4	Subitising 3	Comparison 2	Pattern 4	Shape, space and measure 5
	Take and give 1, 2, 3	Match, talk, push and pull	Talk about dots	Compare and sort collections	Lead on own repeats	Start to puzzle
	Pattern 5	Subitising 4	Counting 5	Pattern 6	Counting 6	Comparison 3
	Making patterns together	Make games and actions	Show me 5	My own pattern	Stop at 1, 2, 3, 4, 5	Match, sort, compare

Reception – Yearly Maths Overview

R	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Entry Baseline assessments		Match, sort and compare Match objects Match pictures and objects Identify a set Sort objects to a type Explore sorting techniques Creating sorting rules Compare amounts		Talk about measure and patterns Compare size Compare mass Compare capacity Explore simple patterns Copy and continue simple patterns Create simple patterns		It's me 1, 2, 3 Find 1, 2 and 3 Subitise 1, 2 and 3 Represent 1, 2 and 3 1 more 1 less Composition of 1, 2 and 3		Circles and triangles Identify and name circles and triangles Compare circles and triangles Shapes in the environment Describe position	1, 2, 3, 4, 5 Find 4 and 5 Subitise 4 and 5 Represent 4 and 5 1 more 1 less Composition of 4 and 5 Composition of 1 - 5		Shapes with 4 sides Identify and name shapes with 4 sides Combine shapes with 4 sides Shapes in the environment My day and night
Spring	Alive in 5 Introduce zero Find 0 to 5 Subitise 0 to 5 Represent 0 to 5 1 more 1 less Composition Conceptual subitising to 5		Mass and Capacity Compare mass Find a balance Explore capacity Compare capacity	Growing 6, 7, 8 Find 6, 7 and 8 Represent 6, 7 and 8 1 more 1 less Composition of 6, 7 and 8 Make pairs-odd and even Double to 8 (find a double) Double to 8 (make a double) Combine 2 groups Conceptual subitising		Length, height and time Explore length Compare length Explore height Compare height Talk about time Order and sequence time		Building 9 and 10 Find 9 and 10 Compare numbers to 10 Represent 9 and 10 Conceptual subitising to 10 1 more / 1 less Composition to 10 Bonds to 10 (2 parts) Make arrangements of 10 Bonds to 10 (3 parts) Doubles to 10 (find a double) Doubles to 10 (make a double) Explore odd and even		Explore 3D shapes Recognise and name 3-D shapes Find 2-D shapes within 3-D shapes Use 3-D shapes for tasks 3-D shapes in the environment Identify more complex patterns Copy and continue patterns Patterns in the environment		
Summer	To 20 and Beyond Build numbers beyond 10 (10 -13) Continue patterns beyond 10 (10-13) Build numbers beyond 10 (14-20) Continue patterns beyond 10 (14-20) Verbal counting beyond 20 Verbal counting patterns		How many now? Add more How many did I add? Take away How many did I take away?	Manipulate, compose and decompose. Select shapes for a purpose Rotate shapes Manipulate shapes Explain shape arrangements Compose shapes Decompose shapes Copy 2-D shape pictures Find 2-D shapes within 3-D shapes		Grouping and sharing Explore sharing Sharing Explore grouping Grouping Even and odd sharing Play with and build doubles		Visualise, build and map Identify units of repeating patterns Create own pattern rules Explore own pattern rules Replicate and build scenes and constructions Visualise from different positions Describe positions Give instructions to build Explore mapping Represent maps with models Create own maps from familiar places Create own maps and plans from story situations			Make connections Deepen understanding Patterns and relationships	

Year 1 – Yearly Maths Overview

Y1	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number – Place Value (within 10) Sort objects Count objects Count objects from a larger group Represent objects Recognise numbers as words Count on from any number 1 more Count backwards within 10 1 less		Compare groups by matching Fewer, more, same Less than, greater than, equal to Compare numbers Order objects and numbers The number line			Number – Addition and Subtraction (within 10) Introduce parts and wholes Part-whole model Write number sentences Fact families – addition facts Number bonds within 10 Systematic number bonds within 10 Number bonds to 10 Addition – add together Addition – add more Addition problems				Find a part Subtraction – find a part Fact families – the eight facts Subtraction – take away/cross out (How many left?) Subtraction – take away (How many left?) Subtraction on a number line Add or subtract 1 or 2	Geometry – Shape Recognise and name 3-D shapes Sort 3-D shapes Recognise and name 2-D shapes Sort 2-D shapes Patterns with 2-D and 3-D shapes	
Spring	Number – Place Value (within 20) Count within 20 Understand 10 Understand 11, 12 and 13 Understand 14, 15 and 16 Understand 17, 18 and 19 Understand 20 1 more and 1 less The number line to 20 Use a number line to 20 Estimate on a number line to 20 Compare numbers to 20 Order numbers to 20			Number – Addition and Subtraction (within 20) Add by counting on within 20 Add ones using number bonds Find and make number bonds to 20 Doubles Near doubles Subtract ones using number bonds Subtraction – counting back Subtraction – finding the difference Related facts Missing number problems			Number – Place Value (within 50) Count from 20 to 50 20, 30, 40 and 50 Count by making groups of tens Groups of tens and ones Partition into tens and ones The number line to 50 Estimate on a number line to 50 1 more, 1 less			Measurement – length and height Compare lengths and heights Measure length using objects Measure length in centimetres	Measurement – mass and volume Heavier and lighter Measure mass Compare mass Full and empty Compare volume Measure capacity Compare capacity	
Summer	Number – multiplication and division Count in 2s Count in 10s Count in 5s Recognise equal groups Add equal groups Make arrays Make doubles Make equal groups – grouping Make equal groups – sharing			Number – fractions Recognise a half of an object or a shape Find a half of an object or a shape Recognise a half of a quantity Find a half of a quantity Recognise a quarter of an object or a shape Find a quarter of an object or a shape Recognise a quarter of a quantity Find a quarter of a quantity		Geometry – position and direction Describe turns Describe position – left and right Describe position – forwards and backwards Describe position – above and below Ordinal numbers	Number – place value (within 100) Count from 50 to 100 Tens to 100 Partition into tens and ones The number line to 100 1 more, 1 less Compare numbers with the same number of tens Compare any two numbers		Measurement – money Unitising Recognise coins Recognise notes Count in coins		Measurement – time Before and after Days of the week Months of the year Hours, minutes and seconds Tell the time to the hour Tell the time to the half hour	

Year 2 – Yearly Maths Overview

Y2	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12		
Autumn	Number: Place Value numbers to 100 Numbers to 20 Count objects to 100 by making 10s Recognise tens and ones Use a place value chart Partition numbers to 100 Write numbers to 100 in words Flexibly partition numbers to 100 Write numbers to 100 in expanded form		10s on the number line to 100 10s and 1s on the number line to 100 Estimate numbers on a number line Compare objects Compare numbers Order objects and numbers Count in 2s, 5s and 10s Count in 3s		Number: Addition and Subtraction Bonds to 10 Fact families - addition and subtraction bonds within 20 Related facts Step 4 Bonds to 100 (tens) Add and subtract 1s Add by making 10 Add three 1-digit numbers Add to the next 10 Add across a 10 Subtract across 10 Subtract from a 10 Subtract a 1-digit number from a 2-digit number (across a 10)					10 more, 10 less Add and subtract 10s Add two 2-digit numbers (not across a 10) Add two 2-digit numbers (across a 10) Subtract two 2-digit numbers (not across a 10) Subtract two 2-digit numbers (across a 10) Mixed addition and subtraction Compare number sentences Missing number problems			Geometry: Properties of shapes Recognise 2-D and 3-D shapes Count sides on 2-D shapes Count vertices on 2-D shapes Draw 2-D shapes Lines of symmetry on shapes Use lines of symmetry to complete shapes Sort 2-D shapes Count faces on 3-D shapes Count edges on 3-D shapes Count vertices on 3-D shapes Sort 3-D shapes Make patterns with 2-D and 3-D shapes	
	Measure: Money Count money – pence Count money – pounds (notes and coins) Count money – pounds and pence Choose notes and coins Make the same amount Compare amounts of money Calculate with money Make £1 Find change Two-step problems		Number: Multiplication and Division Recognise equal groups Make equal groups Add equal groups Introduce the multiplication symbol Multiplication sentences Use arrays Make equal groups – grouping Make equal groups – sharing		The 2 times table Divide by 2 Doubling and halving Odd and even numbers The 10 times tables Divide by 10 The 5 times table Divide by 5 The 5 and 10 times-tables			Measure: Length and height Measure in centimetres Measure in metres Compare lengths and heights Order lengths and heights Four operations with lengths and heights		Measure: mass, capacity and temperature Compare mass Measure in grams Measure in kilograms Four operations with mass Compare volume and capacity Measure in millilitres Measure in litres Four operations with volume and capacity Temperature				

Summer	Number: Fractions Introduction to parts and wholes Equal and unequal parts Recognise a half Find a half Recognise a quarter Find a quarter Recognise a third Find a third Find the whole Unit fractions Non-unit fractions Recognise the equivalence of a half and 2 quarters Recognise three quarters Find three-quarters Count in fractions up to a whole	Measure: time O'clock and half past Quarter past and quarter to Tell the time past the hour Tell the time to the hour Tell the time to 5 minutes Minutes in an hour Hours in a day	Statistics Make tally charts Tables Block diagrams Draw pictograms (1-1) Interpret pictograms (1 – 1) Draw pictograms (2, 5 and 10) Interpret pictograms (2, 5 and 10)	Position and direction Language of position Describe movement Describe turns Describe movement and turns Shape patterns with turns	