Fairfields Primary School

Year 1 – Mathematics Overview

Term	Strand	National Curriculum 2014 Objectives	Focus	Sequence
Autumn 1	Number and Place Value	• Count to and across, forwards and backwards, beginning with 0 or 1, or from any given number • Count, read and write numbers to 100 in numerals • Read and write numbers from 1 to 20 in numerals and words • Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least • Given a number, identify one more and one less • Count in multiples of twos, fives and tens	Numbers to 10	• Counting to 10 • Counting objects to 10 • Writing to 10 • Counting With Zero • Counting in multiples of 2 • Comparing Objects • Ordering Numbers • Comparing Numbers
	Addition and Subtraction	• represent and use number bonds and related subtraction facts within 20	Number bonds to 10	• Making Number Bonds • Making Number Stories
	Addition and Subtraction	• add and subtract one-digit and two-digit numbers to 20, including zero • read, write and interpret mathematical statements involving • addition (+), subtraction (–) and equals (=) signs • solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = □ − 9	Addition within 10	• Ways to Add • Add by Counting On • Completing Number • Sentences • Making Addition Stories • Solving Picture Problems • Adding more than 2 numbers • Doubles
Autumn 2	Addition and Subtraction	• add and subtract one-digit and two-digit numbers to 20, including zero • read, write and interpret mathematical statements involving • addition (+), subtraction (–) and equals (=) signs • solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = □ − 9	Subtraction within 10	• Ways to Subtract • Subtracting using Number • Bonds • Subtract by Counting Back • Making Subtraction Stories • Solving Picture Problems • Addition and Subtraction
	Geometry – Position and Direction	• describe position, direction and movement, including whole, half, quarter and three-quarter turns	Position and direction	• Naming Positions • Naming Positions in Queues • Naming Left and Right Positions • Describing Positions • Describing Movement • Making Turns
	Measurement	• recognise and know the value of different denominations of coins and notes	Money	• Recognising Coins • Recognising Notes • Money problems

		• solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = □ − 9			

Spring 1	Number and Place Value	• count to and across, forwards and backwards, beginning with 0 or 1, or from any given number
		• count, read and write numbers to 100 in numerals
		• read and write numbers from 1 to 20 in numerals and words
		• identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least
		• given a number, identify one more and one less
		• count in multiples of twos, fives and tens
			Numbers to 20	• Counting to 20
				• Writing to 20
				• Comparing Numbers
				  Ordering Numbers
				  Number Patterns
				• Counting in 2s
				• Counting in 5s

	Addition and Subtraction	• add and subtract one-digit and two-digit numbers to 20, including zero • read, write and interpret mathematical statements involving • addition (+), subtraction (−) and equals (=) signs • solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = □ − 9 • represent and use number bonds and related subtraction facts within 20	Addition and subtraction facts within 20	• Ways to Add • Add by Making 10 • Add by Adding Ones • Counting Back • Subtract Ones • Subtract from 10 • Addition and Subtraction Facts • Number bonds to 20 • Adding more than 2 numbers • Doubles
	Geometry – properties of shape	• recognise and name common 2-D and 3-D shapes, including: 2-D shapes [for example, rectangles (including squares), circles and triangles]; 3-D shapes [for example, cuboids (including cubes), pyramids and spheres	Shapes and patterns	• Recognising Solids • Recognising Shapes • Grouping Shapes • Making Patterns
	Measurement	• measure and begin to record the following: lengths and heights; mass/weight; capacity and volume; time (hours, minutes, seconds) • compare, describe and solve practical problems for: lengths and heights [for example, long/short, longer/shorter, tall/short, double/half]; mass/weight [for example, heavy/light, heavier than, lighter than]; capacity and volume [for example, full/empty, more than, less than, half, half full, quarter]; time (quicker/slower, earlier/later)	Length	• Comparing Height and Length • Measuring Length using things • Measuring Height and Length using Body Parts • Measuring Height and Length using a Ruler
Spring 2	Measurement	• tell the time to the hour and half past the hour and draw the hands on a clock face to show these times • recognise and use language relating to dates, including days of the week, weeks, months and years • compare, describe and solve practical problems for time [for example, quicker, slower, earlier, later] and measure and begin to record time (hours, minutes, seconds	Time	• Telling Time to the Hour • Telling Time to the Half Hour • Using Next, Before and After • Estimating Duration of Time • Comparing Time • Using a Calendar

		• sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening]			
	Number and Place Value	• count to and across, forwards and backwards, beginning with 0 or 1, or from any given number • count, read and write numbers to 100 in numerals • read and write numbers from 1 to 20 in numerals and words • identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least • given a number, identify one more and one less • count in multiples of twos, fives and tens	**Numbers to 40**	• Counting to 40 • Writing Numbers to 40 • Counting in Tens and Ones • Comparing Numbers • Finding How Much More • Making Number Patterns • Counting in 2s, 5s, 10s
	Addition and Subtraction	• represent and use number bonds and related subtraction facts within 20 • add and subtract one-digit and two-digit numbers to 20, including zero • read, write and interpret mathematical statements involving • addition (+), subtraction (−) and equals (=) signs • solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = □ − 9	**Addition and subtraction word problems** **(Approximately 2 weeks)**	• Solving word problems
Summer 1	**Measurement**	• measure and begin to record the following: lengths and heights; mass/weight; capacity and volume • compare, describe and solve practical problems for: lengths and heights [for example, long/short, longer/shorter, tall/short, double/half]; mass/weight [for example, heavy/light, heavier than, lighter than]; capacity and volume [for example, full/empty, more than, less than, half, half full, quarter]	**Volume and Capacity**	• Comparing Volume/capacity • Finding Volume/capacity using standard units • Describing volume using half and a quarter
	Measurement	• measure and begin to record the following: lengths and heights; mass/weight; capacity and volume • compare, describe and solve practical problems for: lengths and heights [for example, long/short, longer/shorter, tall/short, double/half]; mass/weight [for example, heavy/light, heavier than, lighter than]; capacity and volume [for example, full/empty, more than, less than, half, half full, quarter]	**Mass**	• Comparing Mass/weight • Finding Mass/weight using standard units
	Numbers and Place Value	• count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number • count, read and write numbers from 1 to 20 in numerals and words • identify and represent numbers using objects and pictorial representations including the	**Numbers to 100**	• Counting to 100 • Counting in tens • Counting in 2s, 5s, 10s • Finding Tens and Ones • Comparing Numbers • Making Number Patterns

		number line, and use the language of: equal to, more than, less than (fewer), most, least • given a number, identify one more and one less • read and write numbers to 20 in numerals and in words		
Summer 2	**Fractions**	• recognise, find and name a half as one of two equal parts of an object, shape or quantity • recognise, find and name a quarter as one of four equal parts of an object, shape or quantity	**Fractions**	• Finding Halves • Finding Quarters
	Multiplication and Division	• solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher	**Multiplication**	• Making Equal Groups • Adding Equal Groups • Making Equal Rows • Making Doubles • Solving Word Problems
	Multiplication and Division	• solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher • recognise, find and name a half as one of two equal parts of an object, shape or quantity • recognise, find and name a quarter as one of four equal parts of an object, shape or quantity	**Division**	• Grouping Equally • Sharing Equally