Sacred Heart Catholic Primary School

Mathematics Overview - Year 1

	Unit 1 – Place value (within 10)	Unit 2 – Addition and subtraction (within 10)	Unit 3 – Shape	Unit 4 – Place value (within 20)	Unit 5
Autumn Term	• count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number • count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens • given a number, identify one more and one less • 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 • read and write numbers from 1 to 20 in numerals and words.	• read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs • represent and use number bonds and related subtraction facts within 20 • add and subtract one-digit and two-digit numbers to 20, including zero • solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = – 9.	• 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].	• count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number • count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens • given a number, identify one more and one less • 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 • read and write numbers from 1 to 20 in numerals and words.	
	Unit 1 – Addition and subtraction (within 20)	Unit 2 – Place value (within 50)	Unit 3 – Measurement		

Spring term	• read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs
	• represent and use number bonds and related subtraction facts within 20
	• add and subtract one-digit and two-digit numbers to 20, including zero
	• solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = – 9.
		• count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number
		• count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens
		• given a number, identify one more and one less
		• 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
		• read and write numbers from 1 to 20 in numerals and words.
			• 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]
			
			• Measure and begin to record the following:
			  ○ lengths and heights
			  ○ mass/weight
			  ○ capacity and volume		

		Unit 1 – Multiplication and division	Unit 2 – Fractions	Unit 3 – Position and direction	Unit 4 – Place value (within 100)	Unit 5 - Measurement
Simmer term		• 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.	• describe position, direction and movement, including whole, half, quarter and three quarter turns	• count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number • count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens • given a number, identify one more and one less • 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 • read and write numbers from 1 to 20 in numerals and words.	• compare, describe and solve practical problems for: o time [for example, quicker, slower, earlier, later • sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening] • recognise and use language relating to dates, including days of the week, weeks, months and years • tell the time to the hour and half past the hour and draw the hands on a clock face to show these times • measure and begin to record the following: time (hours, minutes, seconds) • recognise and know the value of different denominations of coins and notes