

OVERVIEW OF OBJECTIVES YEAR 2 MATHEMATICS

		BLOCK A Place value			BLOCK B Shape, number			BLOCK C Date, time, measures			BLOCK D Shape, measures			BLOCK E Fractions calculating,		
		Unit 1	Unit 2	Unit 3	Unit 1	Unit 2	Unit 3	Unit 1	Unit 2	Unit 3	Unit 1	Unit 2	Unit 3	Unit 1	Unit 2	Unit 3
Number and Place Value	count in steps of 2, 3, and 5 from 0, and count in tens from any number, forward or backward	X	X	X							X					
	recognise the place value of each digit in a two-digit number (tens, ones)	X	X	X												
	identify, represent and estimate numbers using different representations, including the number line	X		X												
	compare and order numbers from 0 up to 100; use <, > and = signs	X		X												
	read and write numbers to at least 100 in numerals and in words	X	X	X	X	X										
	use place value and number facts to solve problems.	X	X	X												

	Add and subtract using concrete objects, pictorial representation and mentally three one-digit numbers		×	×												
	show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot	×		×												
	recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems.				×		×									
Multiplication and Division	recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers				×		×						×	×	×	
	calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs					×	×						×	×	×	

	compare and order lengths, mass, volume/capacity and record the results using >, < and =							x	x	x	x	x	x			
	read relevant scales to the nearest numbered unit							x	x	x	x	x	x			
	recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value										x	x	x			
	match different combinations of coins to equal the same amounts of money										x	x	x			
	solve simple problems in a practical context involving addition and subtraction of money											x	x			
	compare and sequence intervals of time										x	x	x			
	tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times.										x	x	x			
	Know the number of minutes in an hour and the number of hours in a day										x	x	x			

Properties of Shapes	identify and describe the properties of 2-D shapes, including the number of sides and symmetry in a vertical line				x	x	x									
	identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces				x	x	x									
	identify 2-D shapes on the surface of 3-D shapes, for example a circle on a cylinder and a triangle on a pyramid				x	x	x									
	compare and sort common 2-D and 3-D shapes and everyday objects.				x	x	x									
Position and Direction	order and arrange combinations of mathematical objects in patterns										x	x				
	use mathematical vocabulary to describe position, direction and movement,											x	x			
Statistics	interpret and construct simple pictograms, tally charts, block diagrams and simple tables							x	x	x	?	?	?			

[illegible]