

WWW BUILDING BLOCKS OF LEARNING IN MATHS

Year Six		Use agreed formal methods for all four operations.	Record methods and working systematically.	To know and recognise the fraction of an amount.	Know and understand end of Key Stage vocabulary.	Use RUCSAC to solve multi-step problems.	
Year Five		To use a method for division and multiplication.	Show workings and check answers.	Have rapid accurate recall of times tables 1-12.	Use addition and subtraction skills to solve two-step problems.	Tell the time in digital, analogue and twenty-four hour clocks.	
Year Four	To use a method to add and subtract.	Re-read work to check answers.	Know times tables 1 - 12.	Understand place value of four-digit numbers.	Use a digital clock to tell the time.	Know and understand measurement values.	
Year Three		Have secure calculation methods for addition and subtraction.	Know 3, 4 and 8 times table.	Understand place-value of three-digit numbers.	Read and tell o'clock, quarter-past, half-past and quarter-to on an analogue clock.	Know, understand and recognise $\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{5}$	Solve 1-step problems.
Year Two	Use different coins to make the same amount.	Write numbers to 100.	Know number bonds to 20.	Order and compare numbers to 100.	Know and understand 2, 5, 10 times tables.	Understand place value of 2-digit numbers.	Read time on a clock to the nearest 15 minutes.
Year One	Write (orientation space size) digits.	Count and read numbers to 100.	Know number bonds to 10.	Name and identify coins.	Name simple 2D and 3-D shapes – cube, cuboid, pyramid, sphere, cylinder.	Write one number per box/square.	Attempt to solve 1-step problems.
Year Reception		Recognise numbers 1-20.	Understand 1-to-1 correspondence to 20.	Name geometric shapes – square, circle, triangle, and rectangle.	Have confidence and resilience to try a problem and work it through.	Know names of basic maths equipment – ruler, bead string, number line.	To say which number is one more or one less than a given number to 20.
Pre school			Recognise numbers 1 - 10.	Understand 1-to-1 correspondence to 10.	Recognise geometric shapes – square, circle, triangle, and rectangle.		