Year 1 Primary Curriculum Programme of Study for Mathematics (Draft)

NUMBER: **Pupils should be taught to**

Number and place value:	
identify using objects and pictorial representations and use the vocabulary of: equal to; more than; less than (fewer); most; least	count from 0 to and across 100, forward and backwards, beginning with 0 or 1, and from any given number
count, read and write numbers to 100 in numerals, count in different multiples including ones, twos, fives and tens	given a number, identify one more and one less
recognise odd and even numbers	read and write numbers from 1 to 20 in numerals and words
distinguish between and use ordinal and cardinal numbers	

Addition and subtraction	
read, interpret and practise writing mathematical statements involving addition (+), subtraction (-) and equals (=) signs accurately	add and subtract 1-digit and 2-digit numbers to 20 (9 + 9, 18 - 9), including zero
add three 1-digit numbers	recall and use number bonds and related subtraction facts within 20
solve simple word problems that involve addition and subtraction	

Multiplication and division	
recognise and write the multiplication symbol (x) and the division symbol (÷) in mathematical statements, calculating the answer with the teacher using concrete objects	solve word problems involving simple multiplication and division, with teacher support

Fractions	
recognise, name and write ½ as one of two equal parts of an object, shape or quantity	recognise, name and write ¼ and ¾ as parts of an object, shape or quantity
find ½, ¼ and ¾ of a shape or quantity	

GEOMETRY AND MEASURES: **Pupils should be taught to**

Properties of shapes	
recognise and name common 3-D and 2-D shapes, including:	
2-D shapes (e.g. square, rectangle, circle and triangle)	3-D shapes (e.g. cube, pyramid and sphere)

Position, direction, motion
describe position, directions and movements including half, quarter and three- quarter turns

Measures	
compare, measure and record the following using standard units for:	
lengths and heights (e.g. long/short, longer/shorter, tall/short, double/half)	lengths and heights (metres, centimetres)
mass (grams, kilograms)	capacity and volume (litres)
time (hours, minutes, seconds)	
compare, describe and solve practical problems for:	
lengths and heights (e.g. long/short, longer/shorter, tall/short, double/half)	mass (e.g. heavy/light, heavier than, lighter than)
capacity and volume (full/empty, more than, less than, quarter, three quarters full or empty)	time (quicker, slower, earlier, later)
recognise and use pounds (£) and pence (p) with different denominations of money, including coins and notes	tell the time to the hour and half past the hour
sequence events in chronological order using common terms such as: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening	recognise and use the language of dates, including days of the week, weeks, months and years