Year 4

Addition

I can recognise when to use a mental or written method to add.

I can add using column addition:

I can add decimal numbers e.g. amounts of money and measures.

Th	H	T	O .	1/10
	3	6	8 2.	4
+	4	9	1 4.	7
	8	5	9 7.	1
	1		1	

Mental Maths

I know all of my x tables including 12 x 12.

I can mentally partition a number to help me add and subtract. E.g. 24 + 37 (20+30+7+4= 61)

I can mentally partition a number to help me double and half. E.g. double 46 = double 40 + double 6 = 92

I can mentally partition a number to help me multiply. E.g. 23 x 4= (20x4) + (3x4) = 80 + 12= 92

Fractions

I understand that 'of' is the same as to multiply.

E.g. $\frac{1}{2}$ of 24 is the same as $\frac{1}{2}$ x 24= 12 (24 lots of $\frac{1}{2}$ = 12)

Multiplication

I can multiply a 3 or 4 digit number by a 1 digit number using column multiplication.

E.g.

	5	6	3	8
x				7
3	9	4	6	6
3	4	2	5	

I am starting to use the column method to multiply 2 by 2 digit numbers.

E.g.

	5	6
x	8	4
	2	2 4
4	4	8 0
4	7	0 4
	1	

Subtraction

I can recognise when to use a mental or written method to subtract.

I can subtract using column subtraction including exchanging.

Th	H	T	O
	6	4	7 6
-	2	5	8 4
	3	7	9 2

Th	H	T	O
	5 6	14 2	12
-	3	5	2 7
		2	9 0 5

I can subtract decimal numbers

Th	H	T	O .	1/10
	7 8	15 6	10 5	14
-	5	9	1 4.	7
	2	6	9 1.	7

Division

I can divide, with remainders, using bus stop division.

E.g.

$$4 \overline{)\,6\,^{2}7\,^{3}3\,^{1}5} = 1\,6\,8\,3\ r3$$

I am starting to divide numbers with remainders, turning them into decimals.

E.g.

$$4 \overline{)\,6\,^{2}7\,^{3}3\,^{1}5\,.\,^{3}0\,^{2}0} = 1\,6\,8\,3\,.\,7\,5$$