

## Heathmere School Tracking of Mental Arithmetic

### Year 3

Count in multiples of 50	Count in multiples of 100	Count in multiples of one tenth	Find 10 more/less than a number	Find 100 more/less than a number	Add 1s to a 3-digit number	Add 10s to a 3-digit number	Add 100s to a 3-digit number	3 times tables		4 times tables		8 times tables	
								x	÷	x	÷	X	÷
0	0	0											
50	100	0.1	389+10	389+100	542 + 3	542 + 30	542+300	3x1	3÷3	4x1	4÷4	8x1	8÷8
100	200	0.2						3x2	6÷3	4x2	8÷4	8x2	16÷8
150	300	0.3	349-10	349-100	867 + 5	867 + 50	867+500	3x3	9÷3	4x3	12÷4	8x3	24÷8
200													
	...	...	793+10		402 + 4	402 + 40	402+400	...	...	...	...	...	...
...													
	900	0.9	803-10										
950	1,000	1						3x12	36÷3	4x12	48÷4	8x12	96÷8
1,000		1.1.											
		1.2											

The first step is to learn these in sequence and then learn them out of sequence after so that the children can quickly recall the number facts that they need.

First step –  $1 \times 2 = 2$ ,  $2 \times 2 = 4$ ,  $3 \times 2 = 6$ ,  
 $4 \times 2 = 8$

Second Step –  $7 \times 2 = 14$ ,  $4 \times 2 = 8$ ,  $9 \times 2 = 18$