

Mental Maths

Why practise mental maths?

Quick recall of number facts and mental calculation skills are an essential life skill. Knowing by heart the basic number facts helps with confidence and helps with all other aspects of maths.

How can I practise at home?

- Make practising fun!
- Try a 'little and often' approach.
- Practise in the car; when walking to or from school; whilst waiting in a shop, etc.
- Use the skills in real life ways, e.g. counting in 2s when giving each family member 2 sausages each; helping add up the shopping list, etc.

What should I be able to do?

Everyone is different.

Some children will start with the bronze level and will find this challenging, while others will need to challenge themselves with the gold level questions.

We repeat the same mental maths skills each term and hope that each child will improve on their own score and speed of recall over time.

Bronze	1	$2 \times 10 =$	
	2	$3 \times 10 =$	
	3	$9 \times 10 =$	
	4	$6 \times 10 =$	
	5	$5 \times 10 =$	
Silver	6	$4 \times 2 =$	
	7	$6 \times 2 =$	
	8	$8 \times 2 =$	
	9	$9 \times 2 =$	
	10	$5 \times 2 =$	
Gold	11	$3 \times 5 =$	
	12	$6 \times 5 =$	
	13	$8 \times 5 =$	
	14	$4 \times 5 =$	
	15	$7 \times 5 =$	
11.9.20 Times Tables 10 times table, $5 \times 10 = 50$ 2 and 5 times table, 2, 5 and 10 times table			

Bronze	1	$2 + \underline{\quad} = 5$	
	2	$3 + \underline{\quad} = 5$	
	3	$5 + \underline{\quad} = 5$	
	4	$4 + \underline{\quad} = 5$	
	5	$1 + \underline{\quad} = 5$	
Silver	6	$8 + \underline{\quad} = 10$	
	7	$3 + \underline{\quad} = 10$	
	8	$6 + \underline{\quad} = 10$	
	9	$4 + \underline{\quad} = 10$	
	10	$7 + \underline{\quad} = 10$	
Gold	11	$2 + \underline{\quad} = 20$	
	12	$13 + \underline{\quad} = 20$	
	13	$15 + \underline{\quad} = 20$	
	14	$4 + \underline{\quad} = 20$	
	15	$1 + \underline{\quad} = 20$	
18.9.20 Number Bonds Bonds to 5, Bonds to 10, Bonds to 20,			

Bronze	1	Double 2 =	
	2	Double 4 =	
	3	Double 5 =	
	4	Double 3 =	
	5	Double 1 =	
Silver	6	Double 6 =	
	7	Double 9 =	
	8	Double 7 =	
	9	Double 8 =	
	10	Double 10 =	
Gold	11	Double 12 =	
	12	Double 14 =	
	13	Double 11 =	
	14	Double 15 =	
	15	Double 13 =	
25.9.20 Doubles Double numbers to 5, e.g. 3 Double numbers to 10, e.g. double 8 Double numbers to 20, e.g. double 17			

Bronze	1	Halve 2 =	
	2	Halve 4 =	
	3	Halve 6 =	
	4	Halve 8 =	
	5	Halve 10 =	
Silver	6	Halve 12 =	
	7	Halve 18 =	
	8	Halve 14 =	
	9	Halve 16 =	
	10	Halve 20 =	
Gold	11	Halve 28 =	
	12	Halve 22 =	
	13	Halve 26 =	
	14	Halve 24 =	
	15	Halve 30 =	
2.10.20 Halves Even numbers to 10 (half or 2,4,6,8,10) Even numbers to 20 (e.g. half of 16) Even numbers to 30			

Bronze	1	2 + 2 =	
	2	3 + 4 =	
	3	1 + 5 =	
	4	5 + 3 =	
	5	5 + 5 =	
Silver	6	6 + 7 =	
	7	5 + 9 =	
	8	8 + 3 =	
	9	7 + 6 =	
	10	4 + 9 =	
Gold	11	19 + 6 =	
	12	17 + 8 =	
	13	19 + 9 =	
	14	14 + 15 =	
	15	13 + 17 =	
9.10.20 Addition Add 2 numbers up to 5 Add 2 numbers up to 10 Add 2 numbers up to 20			

Bronze	1	5 - 3 =	
	2	7 - 2 =	
	3	9 - 5 =	
	4	6 - 2 =	
	5	9 - 7 =	
Silver	6	19 - 8 =	
	7	17 - 3 =	
	8	14 - 5 =	
	9	18 - 6 =	
	10	13 - 6 =	
Gold	11	27 - 11 =	
	12	25 - 6 =	
	13	23 - 7 =	
	14	24 - 5 =	
	15	22 - 4 =	
16.10.20 Subtraction Subtract from a one digit number Subtract from a number up to 20 Subtract from a number up to 30			