Big Maths Learn its Steps 1 -15.

The Aim of Big Maths is for all children to have quick recall of the following maths facts to enable them to progress. They are the building blocks on which understanding number are based. As such they require constant practice to embed in the brain.

- Please work on an appropriate step for your child.
- This should only be 2-4 facts at a time.
- Change the order to consolidate.
- It is important not to move on to quickly and re visit previous learning.

For younger children, reciting, writing, drawing and actually doing will help your child's retention and understanding of these number facts each day.

For example Step 3

2+3=5

- say it in different voices.
- copy it and switch it 2+3=5 3+2=5
- draw a picture ***+**=*****
- Make it eg 2 teddies and 3 teddies altogether makes 5 teddies.

Older children can recite, write, switch and write simple and extended fact families to consolidate learning.

For example

Step 9 (extension activities)

7 + 9 = 16, 9 + 7 = 16, 16 – 7 = 9, 16 – 9 = 7

70 + 90 = 160 etc

0.7 + 0.9 = 1.6 etc

2 x 7 = 14, 7 x 2 = 14, 14 ÷ 2 = 7, 14 ÷ 7 = 2

20 x 7 = 140 etc

20 x 70 = 1400 etc

Thank you for your support,
Take care,
Mrs D McHugh

Step 1

1+1=

2+2=

Step 2

3+3=

4+4=

5+5=

Step 3

2+3=

2+1=

Step 4

1+ ___ = 10

6+ ___ = 10

3+ ___ = 10

8+ ___ = 10

5+ ___ = 10

Step 5

6 + 3 =

2 + 9 =

4 + 2 =

4 + 3 =

3 + 5 =

6 + 2 =

5 + 2 =

7 + 2 =

Step 6

6 + 6 =	8 + 8 =
7 + 7 =	9 + 9 =

Step 7

10 x 1 =	4 + 9 =	4 + 8 =
7 + 4 =	10 x 7 =	10 x 3 =
9 + 3 =	4 x 10 =	2 x 10 =
10 x 8 =	10 x 10 =	9 x 10 =
5 x 10 =	6 x 10 =	3 + 8 =

Step 8

9 x 5 =	8 + 9 =	8 + 7 =
6 + 5 =	5 x 2 =	5 x 5 =
5 + 4 =	3 x 5 =	5 x 7 =
1 x 5 =	10 x 5 =	5 x 4 =
5 x 6 =	5 x 8 =	7 + 6 =

Step 9

3 x 2 =	8 + 5 =	5 + 7 =	8 x 2 =
2 x 1 =	9 + 5 =	5 x 2 =	9 x 2 =
2 x 4 =	6 + 9 =	6 + 8 =	2 x 10 =
2 x 2=	7 + 9 =	2 x 6 =	2 x 7 =

Step 10

1 x 3 =	6 x 3 =
5 x 3 =	7 x 3 =
3 x 3 =	3 x 9 =
3 x 4 =	10 x 3 =
3 x 2 =	8 x 3 =

Step 11

4 x 4 =	4 x 9 =
4 x 2 =	6 x 4 =
3 x 4 =	8 x 4 =
1 x 4 =	7 x 4 =
4 x 5 =	4 x 10 =

Step 12

1 x 8 =	9 x 8 =
8 x 2 =	8 x 8 =
10 x 8 =	8 x 7 =
8 x 4 =	8 x 6 =
8 x 5 =	3 x 6 =

Step 13

6 x 6 =	9 x 6 =
9 x 9 =	9 x 7 =
7 x 7 =	6 x 7 =

Step 14

1 x 11 =	11 x 6 =
10 x 11 =	7 x 11 =
11 x 3 =	8 x 11 =
4 x 11 =	11 x 5 =
9 x 11 =	12 x 11 =
2 x 11 =	11 x 11 =

Step 15

9 x 12 =	7 x 12 =
12 x 2 =	12 x 8 =
3 x 12 =	1 x 12 =
11 x 12 =	10 x 12 =
12 x 5 =	12 x 4 =
6 x 12 =	12 x 2 =

"Ultimate" see Year 6 page.