Foundation (Basic) Facts for Year 4 Students

By the **end** of Year 4, the expectation is that your child would know these foundation facts. They will be learning these in a variety of ways that include games and different strategies they can use. Over the year and through lots of practice, the aim is for your child to know these so they can answer them when they see the equation written down, when they are asked verbally or when they need to solve a problem using these facts. Please note, your child will not be learning the facts in the order listed below, we jumble them up.

Addition

Addition facts to 18. This means any single digit addition facts that have an answer that is no greater than 18. The highlighted/shaded facts are ones your child will be learning and taking to fluency. The others are ones they should know already and continue practicing.

+	1	2	3	4	5	6	7	8	9
1	**2**	3	4	5	6	7	8	9	10
2	3	**4**	5	6	7	8	9	10	11
3	4	5	**6**	7	8	9	10	11	12
4	5	6	7	**8**	9	10	11	12	13
5	6	7	8	9	**10**	11	12	13	14
6	7	8	9	10	11	**12**	13	14	15
7	8	9	10	11	12	13	**14**	15	16
8	9	10	11	12	13	14	15	**16**	17
9	10	11	12	13	14	15	16	17	**18**

Subtraction

Subtraction from 10 should be taken to fluency. If your child knows these subtraction facts, then begin to work on subtraction facts from 18. Facts are found in the addition array above.

Multiplication

Multiplication facts for the two and five times tables. The multiplication of the ten times tables is what they learn as part of their place value knowledge but are also key facts for them to know. The multiplication array shows the facts they will be working on.

×	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
5	5	10	15	20	25	30	35	40	45	50
10	10	20	30	40	50	60	70	80	60	100

Help your child learn the triplet for each fact. For example: for the triplet 2, 5, 10, talk about the four equations they can learn. They are: 2 x 5 = 10, 5 x 2 = 10, 10 ÷ 2 = 5 and 10 ÷ 5 = 2.

Next Steps

Resist the temptation to move on until your child has fluency with all their addition and subtraction facts to 18 as they are essential for success in coming years. To assist with multiplication, continue to practice skip counting in threes and fours. You could also introduce skip counting in sixes and nines if you feel they are ready for this.