Reception Automatically recall (without reference to rhymes counting or other aids) numbers bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts. This is learnt through the following techniques: subitising, counting, composition of 5, understanding a whole, cardinality, developing conservation of number, composition of 5 and a bit structure and exploring a sense of magnitude (know that 8 is quite a lot more than 2), lots of experiencing of partition and combing and through reasoning about relationships. Year 1 Learn related facts within 20 through techniques including adding 1, adding 2, bonds to 10, adding 0, doubles and near doubles. Adding zero Adding one Adding two Bonds to ten Doubles Near doubles 0 ı 2 3 4 5 6 7 8 9 10 0 + 1 0 + 8 0 + 9 0 + 10 0 0 + 0 0 + 2 0 + 3 0 + 4 0 + 5 0 + 6 0 + 7 ı 1 + 9 1 + 01 + 11 + 4 1 + 5 1 + 6 1 + 71 + 2 1 + 3 2 + 8 2 2 + 7 2 + 0 2 + I 2 + 2 2 + 3 2 + 4 2 + 5 2 + 6 3 3 + 7 3 + 0 3 + 1 3 + 23 + 33 + 4 3 + 5 3 + 6 4 4 + 0 4 + 1 4 + 3 4 + 4 4 + 5 4 + 6 4 + 2

5 + 5

5

6

7

8

10

5 + 0

6 + 0

7 + 0

8 + 0

9 + 0

5 + I

6 + I

7 + I

8 + I

9 + 1

5 + 2

6 + 2

7 + 2

8 + 2

5 + 3

6 + 3

7 + 3

Year 2

- Learn related facts within 100 through techniques including adding 10, bridging/compensating, doubles and near doubles.

 Bridging/compensating

 Adding two

 Doubles

- Near doubles
- Adding ten

+	0	I	2	3	4	5	6	7	8	9	10
0											
I											1 + 10
2										2 + 9	2 + 10
3									3 + 8	3 + 9	3 + 10
4								4 + 7	4 + 8	4 + 9	4 + 10
5							5 + 6	5 + 7	5 + 8	5 + 9	5 + 10
6						6 + 5	6+6	6 + 7	6 + 8	6 + 9	6 + 10
7					7 + 4	7 + 5	7 + 6	7 + 7	7 + 8	7 + 9	7 + 10
8				8 + 3	8 + 4	8 + 5	8 + 6	8 + 7	8 + 8	8 + 9	8 + 10
9			9 + 2	9 + 3	9 + 4	9 + 5	9 + 6	9 + 7	9 + 8	9+9	9 + 10
10		10 + 1	10+	10 + 3	10 + 4	10 + 5	10 + 6	10 + 7	10 + 8	10 + 9	10 + 10