

Supporting Your Child with Maths at Home

Year 2 and Year 3 – Number Sense: Number Fact Fluency

Children deepen their understanding of number facts and start using them to solve calculations more efficiently.

Coverage

Autumn			Spring	Summer
Stage 1 and 2 Subitising 1-10 (Dots, Hands, Tens Frame) Partitioning to 10	Stage 3 One More, One Less Two More, Two Less Number 10 Fact Families Five and a Bit Know About Zero Doubles and Near Doubles Number Neighbours 7 Tree and 9 Square	Stage 4 and 5 Ten and a Bit Make 10 and Then Addition Make 10 and Then Subtraction	Stage 5 and 6 More Doubles and Near Doubles Adjusting Calculating multiples of 10 Two-digit numbers (calculating with ones) Two-digit numbers (calculating with tens)	Stage 6 Make The Next Ten and Then Make the Previous Ten and Then
1 Week	4 Weeks	6 Weeks	12 Weeks	2 Weeks

Stage 3

- One more, one less
- Two more, two less
- Number 10 Fact Families
- Five and A Bit
- Know about Zero
- Doubles and near doubles
- Number Neighbours
- 7 tree and 9 square

Stage 4

- Ten and A Bit

Stage 5

- Make ten and then +
- Make ten and then -
- More doubles and near doubles
- Adjusting

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

-	0	1	2	3	4	5	6	7	8	9	10
0	0-0										
1	1-0	1-1									
2	2-0	2-1	2-2								
3	3-0	3-1	3-2	3-3							
4	4-0	4-1	4-2	4-3	4-4						
5	5-0	5-1	5-2	5-3	5-4	5-5					
6	6-0	6-1	6-2	6-3	6-4	6-5	6-6				
7	7-0	7-1	7-2	7-3	7-4	7-5	7-6	7-7			
8	8-0	8-1	8-2	8-3	8-4	8-5	8-6	8-7	8-8		
9	9-0	9-1	9-2	9-3	9-4	9-5	9-6	9-7	9-8	9-9	
10	10-0	10-1	10-2	10-3	10-4	10-5	10-6	10-7	10-8	10-9	10-10
11		11-1	11-2	11-3	11-4	11-5	11-6	11-7	11-8	11-9	11-10
12			12-2	12-3	12-4	12-5	12-6	12-7	12-8	12-9	12-10
13				13-3	13-4	13-5	13-6	13-7	13-8	13-9	13-10
14					14-4	14-5	14-6	14-7	14-8	14-9	14-10
15						15-5	15-6	15-7	15-8	15-9	15-10
16							16-6	16-7	16-8	16-9	16-10
17								17-7	17-8	17-9	17-10
18									18-8	18-9	18-10
19										19-9	19-10
20											20-10

Select all

Clear all

Key Skills

Key Skills	Examples
Secure number bonds to 10 Children should know these quickly and automatically.	• $7 + 3 = 10$ • $6 + 4 = 10$ • These are called number bonds to 10.
Making 10 to help calculate Children use number bonds to solve larger problems.	• Example: $8 + 5$ • Think: $8 + 2 = 10$ $10 + 3 = 13$
Doubles and near doubles Using doubles to help solve problems.	• Example: $6 + 7$ • Think: $6 + 6 = 12$ Plus one more = 13
Two-digit numbers Children begin working with greater numbers.	• 23 • 46 • 58 • They learn that numbers have tens and ones. • Example: $34 = 3 \text{ tens and } 4 \text{ ones}$
Calculating with ones and tens	• $34 + 5$ $34 + 20$
Adjusting calculations Children learn to make calculations easier.	• Example: $9 + 6$ • Think: $10 + 5 = 15$

How You Can Help at Home

- Practise number bonds regularly.
- Ask quick mental maths questions.
- Use money when shopping to practise numbers.
- Encourage children to explain how they solved a problem.
- Play number games while travelling.