I can add 10 to a number.

By the end of this half term, children should know that when you add ten to a number, only the tens digit changes. The aim is for them to answer these kind of questions **instantly**.

Children should be able to see that only the tens digit changes when adding ten to a number. For example:

2+ 10 = 12

5 + 10 = 15

10 + 10 = 20

16 + 10 = 26

23 + 10 = 33

31 + 10 = 41

37 + 10 = 47

45 + 10 = 55

57 + 10 = 67

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

They should be able to answer these questions including missing number questions, e.g. 2 + ◯ = 12 or

◯ + 10 = 53.

Top Tips

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You don't need to practise them all at once: perhaps you could have a fact of the day.

Make a counting in tens or fives poster – Can they count forwards and backwards in these patterns?

Daily 10 - Mental Maths Challenge - Topmarks - Level 2 Addition – Up to 100- Ten more

Ten More and Ten Less - YouTube – 10 more and 10 less

Key Instant Recall Facts

Year 1– Summer 2

I know doubles and halves of numbers to 10.

I know near doubles to 5.

By the end of this half term, children should know the following facts. The aim is for them to recall thesefacts **instantly**.

Doubles	Halves	Near doubles
Double 1 is 2	Half of 20 is 10	If 1 + 1 = 2, then 1 + 2 = 3 because it's 1 more.
Double 2 is 4	Half of 18 is 9	
3 + 3 = 6	Half of 16 is 8	If 2 + 2 = 4, then 2 + 3 = 5 because it's 1 more.
Double 4 is 8	Half of 14 = 7	
5 + 5 = 10	Half of 12 = 6	If 3 +3 = 6, then 3 + 4 = 7 because it's 1 more.
6 + 6 = 12	½ of 10 = 5	
Double 7 is 14	½ of 8 is 4	If 4 + 4 = 8, then 4 + 5 = 9 because it's 1 more.
Double 8 is 16	Half of 6 is 3	
Double 9 is 18	Half of 4 = 2	If 5 + 5 = 10, then 5 + 6 = 11 because it's 1 more.
10 + 10 = 20	Half of 2 is 1	

They should be able to answer these questions in any order, including missing number questions,

e.g.   double ◯ = 10 or   half of ◯ = 3.

Top Tips

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You don't need to practise them all at once: perhaps you could have a fact of the day.

Songs and Chants – The children should know a chant for doubles to ten or there are chants online.

Doubles Addition Facts Song - YouTube – doubles song

Daily 10 - Mental Maths Challenge - Topmarks Level 2 - Doubles and Halves

Hit the Button - Quick fire maths practise for 6-11 year olds (topmarks.co.uk) Doubles and Halves

How can near doubles help me add numbers? - BBC Bitesize Near Doubles