Summer term week 1

Maths:

(NB continual work to practise multiplication tables (2, 3, 5 and 10) and learning to tell the time: o'clock, quarter past, half past, quarter to the hour; challenge – to five minutes)

All these strategies can be found on Brookside TV.

This week we are recapping on our addition strategies. In year 2 we use different methods to add numbers depending on the numbers in the calculation:

Adding with jottings (no exchanging): - a nice method when no exchanging is required Partition both numbers into tens and ones and then add them together.

23 + 15 = 38	32 + 24 = 56

Now have a go at these:	
1) 24 + 15	6) 45 + 24
2) 28 + 21	7) 32 + 46
3) 31 + 23	8) 62 + 25
4) 33 + 16	9) 47 + 22
5) 26 + 21	10) 51 + 38

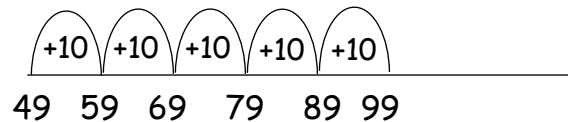| Number line: - adding tens on a number line Remember that when you add tens, the tens number changes but the ones number does not.	

25+20=45	49+50=99
+10 +10	+10 +10 +10 +10 +10
25 35 45	49 59 69 79 89 99

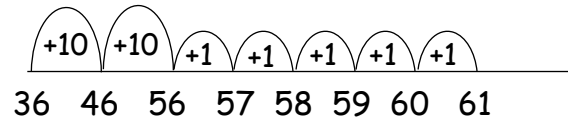| Now have a go at these:	
1) 17 + 20	6) 43 + 30
2) 24 + 20	7) 34 + 40
3) 17 + 20	8) 54 + 40
4) 23 + 30	9) 22 + 50
5) 26 + 30	10) 60 + 18

Number line: - Adding tens and ones on a number line.
Start with the largest number and then partition the other number. Add the tens and then the ones.
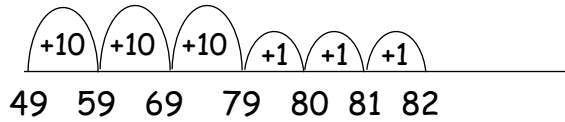
49+33=82	25+36=61
+10 +10 +10 +1 +1 +1	+10 +10 +1 +1 +1 +1 +1
49 59 69 79 80 81 82	36 46 56 57 58 59 60 61

Now have a go at these:

1) 17 + 15	6) 45 + 29
2) 18 + 13	7) 37 + 26
3) 26 + 15	8) 24 + 18
4) 13 + 19	9) 26 + 56
5) 25 + 28	10) 17 + 59

Word problems (one step) – choose which method from above to use.

1. Tom has 24 toy cars. He bought 30 more, how many toy cars does he have altogether?

2. Jon saw 45 boys and 44 girls at the park. How many children did Jon see altogether?

3. Jane's family drove 23 miles to see her grandparents and 23 miles back. How many miles did they drive in total?

4. Will scored 73 points in a board game and Pat scored 20 points, how many points did they score altogether?

5. Tim collected 58 shells on a beach and Lucy collected 34, how many did they collect in total?

Word problems (two step) – choose which method from above to use.

1. I bought an apple for 35p, an orange for 15p and a pear for 42p. How much did I spend?

2. Mr Panting has 24 blue stickers, 30 red stickers and 10 green stickers. How many stickers does he have?

3. Mrs Willcox gave out 31 monster points on Monday, 25 points on Tuesday and 28 points on Wednesday. How many points did she give altogether?

4. A ribbon has 28cm of blue material, 40cm of red material and 27cm yellow material. How long is it altogether?

5. When baking I put 22g of flour, 25g of sugar and 17g of butter into my mixing bowl. How heavy are all of my ingredients?

Answers:

Jottings

1) 24 + 15 = 39	6) 45 + 24 = 69
2) 28 + 21 = 49	7) 32 + 46 = 58
3) 31 + 23 = 53	8) 62 + 25 = 87
4) 33 + 16 = 49	9) 47 + 22 = 69
5) 26 + 21 = 47	10) 51 + 38 = 89

Adding tens on a number line

1) 17 + 20 = 37	6) 43 + 30 = 73
2) 24 + 20 = 44	7) 34 + 40 = 74
3) 17 + 20 = 37	8) 54 + 40 = 94
4) 23 + 30 = 53	9) 22 + 50 = 72
5) 26 + 30 = 56	10) 60 + 18 = 78

Adding tens and ones on a number line

1) 17 + 15 = 32	6) 45 + 29 = 74
2) 18 + 13 = 31	7) 37 + 26 = 63
3) 26 + 15 = 41	8) 24 + 18 = 42
4) 13 + 19 = 32	9) 26 + 56 = 82
5) 25 + 28 = 53	10) 17 + 59 = 76

Word problems (one step)

1) 24 + 30 = 54
2) 45 + 44 = 89
3) 23 + 23 = 46
4) 73 + 20 = 93
5) 58 + 34 = 92

Word problems (two steps)*

1) 35p + 15p = 50p
    50p + 42p = 92p
2) 24 + 30 = 54
    54+ 10 = 64
3) 31 + 25 = 56
    56 + 28 = 84
4) 28cm + 40cm = 68cm
    68cm + 27cm = 95cm
5) 22g + 25g = 47g
    47g + 17g = 64g

* You may not have done the two steps in exactly the same way but your answers should be the same.