Summer term week 1 w/b 20th April 2020

Maths:

(NB continual work to practise multiplication tables and learning to tell the time)

All these strategies can be found on the Brookside youtube channel:

This week we are recapping on our addition strategies. In year 3 we use different methods to add numbers depending on the numbers in the calculation:	
Adjusting: - mental method Use this method when one of the numbers can easily be rounded to the nearest 10 or 100.	
23 + 9 23 + 10 = 33 – 1 =32 (round to the nearest 10 then subtract 1) 45 + 19 45 + 20 = 65 – 1 = 64	234 + 99 234 + 100 = 334 – 1 = 333 (round to the nearest 100 then subtract 1) 436 + 299 436 + 300 = 736 – 1 = 735
Now have a go at these:	
1) 45 + 9 2) 37 + 19 3) 24 + 29 4) 43 + 39 5) 17 + 59	1) 125 + 99 2) 326 + 299 3) 437 + 199 4) 328 + 399 5) 437 + 298
Adding (no exchanging): - mental method Use this method when no exchanging is required.	
23 + 45 20 + 40 = 60 3 + 5 = 8 60 + 8 = 68	245 + 324 200 + 300 = 500 40 + 20 = 60 5 + 4 = 9 500 + 60 + 9 = 569
Now have a go at these:	
1) 45 + 24 2) 32 + 46	1) 238 + 231 2) 543 + 253

3) 62 + 25	3) 371 + 416
4) 47 + 22	4) 612 + 245
5) 51 + 38	5) 443 + 254

Adding (exchanging): - column method
Use this method when exchanging is required. Remember to start adding at the ones.

34 + 58

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  T O
  3 4
+ 5 8
  1 2
  8 0
  9 2
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245 + 378

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  H T O
  2 4 5
+ 3 7 8
    1 3
  1 1 0   (4 + 7 = 11 so 40 + 70 = 110)
  5 0 0
  6 2 3
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Now have a go at these:

1) 25 + 37	1) 344 + 273
2) 36 + 45	2) 416 + 325
3) 57 + 26	3) 586 + 237
4) 38 + 27	4) 492 + 328
5) 67 + 24	5) 687 + 175

Word problems (2 digit)

1. I bought a bag for 35p and another for 42p. How much did it come to?

2. I have 52 red books and 39 green books. How many books do I have?

3. In a small school there are 26 girls and 59 boys. How many children are there in total?

4. As a teacher I buy 71 pens and 19 pencils a year. How many pens and pencils do I buy?

5. In Year 3 there were 37 children and in Year 4 there were 56 children. How many children were in Year 3 and 4?

6. In a car park there are 75 red cars and 122 blue ones. How many cars are there?

7. 58 children are watching a football match. 27 more children come to watch. How many are now watching the match?

8. If we have 12 tennis balls, 13 footballs and 19 rugby balls, how many balls do we have?

9. In my wallet I have 22p, in my pocket I have 15p and in my pot at home I have 35p. How much do I have in total?

10. In a car park there are 15 red cars, 25 blue ones and 17 green cars. How many cars are there?

Word problems (3 digit)

1. I bought a bag for £1.35 and another for £2.42. How much did I spend altogether?

2. I have 152 red books and 239 green books. How many books do I have altogether?

3. In a small school there are 126 girls and 199 boys. How many children are there in total?

4. As a teacher I buy 371 pens and 299 pencils a year. How many pens and pencils do I buy altogether?

5. In Year 3 there were 437 children and in Year 4 there were 351 children. How many children were in Year 3 and 4?

6. In a car park there are 375 red cars and 422 blue ones. How many cars are there?

7. 458 children are watching a football match. 227 more children come to watch. How many are now watching the match?

8. If we have 45 tennis balls, 67 footballs and 85 rugby balls, how many balls do we have?

9. In my wallet I have 72p, in my pocket I have 85p and in my pot at home I have 95p. How much do I have in total?

10. In a car park there are 132 red cars, 225 blue ones and 17 green cars. How many cars are there?

For additional challenge please use the following link:

http://www.iseemaths.com/home-lessons/

You will find daily maths challenges given by Gareth Metcalfe (who is a brilliant mathematician). The videos will take you through the problem-solving activities step by step.

Let us know how you get on 😊

Answers:

Adjusting

1) 45 + 9 = 54	1) 125 + 99 = 224
2) 37 + 19 = 56	2) 326 + 299 = 625
3) 24 + 29 = 53	3) 437 + 199 = 636
4) 43 + 39 = 82	4) 328 + 399 = 727
5) 17 + 59 = 76	5) 437 + 298 = 735

No exchanging

1) 45 + 24 = 69	1) 238 + 231 = 469
2) 32 + 46 = 78	2) 543 + 253 = 796
3) 62 + 25 = 87	3) 371 + 416 = 787
4) 47 + 22 = 69	4) 612 + 245 = 857
5) 51 + 38 = 89	5) 443 + 254 = 697

Exchanging

1) 25 + 37 = 62	1) 344 + 273 = 617
2) 36 + 45 = 81	2) 416 + 325 = 741
3) 57 + 26 = 83	3) 586 + 237 = 823
4) 38 + 27 = 65	4) 492 + 328 = 820
5) 67 + 24 = 91	5) 687 + 175 = 862