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| <p>Task 1: Doubling</p> <p><u>Warm up</u> Look at you 100 square , count up the hill from 90, cross over the 100 barrier, keep counting. What will come next? 101, 102, 103, say them up to 150.</p> <p><u>Lesson Part 1</u> We are going to do some doubling. Can you practise 1+1,2+2,3+3,4+4, 5+5 6+6,7+7,8+8,9+9,10+10 You need to know these doubles off by heart as they will support your future number work.</p> <p>Part 2 Now let's move a little higher and consider 11 + 11 = How would you work it out? Well using your doubling knowledge it is easy to do it. 11 is one more than 10. We know double 10 is 20. Then you have to double the 1 which you know is 2. You add the two doubles together to find your answer. So 20 + 2 =22</p> <p><u>Activity</u> Now try these based on that <u>process</u>.</p> | <p>11 + 11 =</p> <p>12 + 12 =</p> <p>13 + 13 =</p> <p>14 + 14 =</p> <p>15 + 15 =</p> <p>16 + 16 =</p> <p>17 + 17 =</p> <p>18 + 18 =</p> <p>19 + 19 =</p> <p>Clever clogs!</p> |
| <p>Task 2 : Doubling with 10s</p> <p><u>Warm up</u> Today as you count up the hill from 90 write down the numbers over the 100 barrier,101, 102, 103, all the way to 130 Write them as if you are continuing the number chart in rows of 10.</p> <p><u>Lesson</u> Have a think about 20 + 20 = How could you work it out? Well you could say to yourself 20 + 10 = 30 and then 30 + 10 = 40 That would be a correct process BUT there is a much quicker one using your doubling knowledge .Can you think of it? Yes, it is simply this: 20 +20 is like doubling 2 add 2.We know 2 + 2 = 4, It works the same way when we are doubling 10s So 20 add 20 =40. Try some more like these: You can do it!</p> | <p>20 + 20 =</p> <p>30 + 30 =</p> <p>40 + 40 =</p> <p>50 + 50 =</p> <p>60 + 60 =</p> <p>70 + 70 =</p> <p>80 + 80 =</p> <p>90 + 90 =</p> |
| <p>Task 3: Doubling fun!</p> <p><u>Warm up</u> Today do your counting up again from 90 and this time continue writing the numbers from 150 to 175</p> <p><u>Lesson</u> When we are doubling 10s or 100s we can make use of an easy pattern. When we double mixed digits we can still use those patterns but partition our process into 2 parts like this. 15 +15 = well first we partition and add the tens 10 +10 =20 Then we break away the units 5 + 5 = 10 then add the answers together like this 20 + 10 = 30. Try these:</p> <p><u>Superstars!</u></p> | <p>13 + 13 =</p> <p>14 + 14 =</p> <p>16 + 16 =</p> <p>17 + 17 =</p> <p>18 + 18 =</p> <p>19 + 19 =</p> <p>21 + 21 =</p> <p>22 + 22 =</p> |

Task 4: Doubling some more

Warm up

Today do your counting up again from 90 and this time continue writing the numbers from 175 up to 200

Lesson

Exactly the same as yesterday but this time reaching up to some higher numbers.

Hard workers , I am proud of you!

$22 + 22 =$

$24 + 24 =$

$25 + 25 =$

$27 + 27 =$

$31 + 31 =$

$34 + 34 =$

$36 + 36 =$

$41 + 41 =$

Task 5 Doubling with 100s

Warm up

Today do your counting up again but in 100s, count all the way up to 10 hundreds That number has a special name it is one thousand and looks like this.1000

Lesson

Are you noticing patterns with doubling? You know that

$1 + 1 = 2$ $10 + 10 = 20$ So what will $100 + 100 = ?$

That's right the answer is 200.

Now see if you can manage these? Well done my clever Elephants!

$100+100=$

$200+200=$

$300+300=$

$400+400=$

$500+500=$

$600+600=$

$700+700=$

$800+800=$

$900+900=$