

Y1

Y2

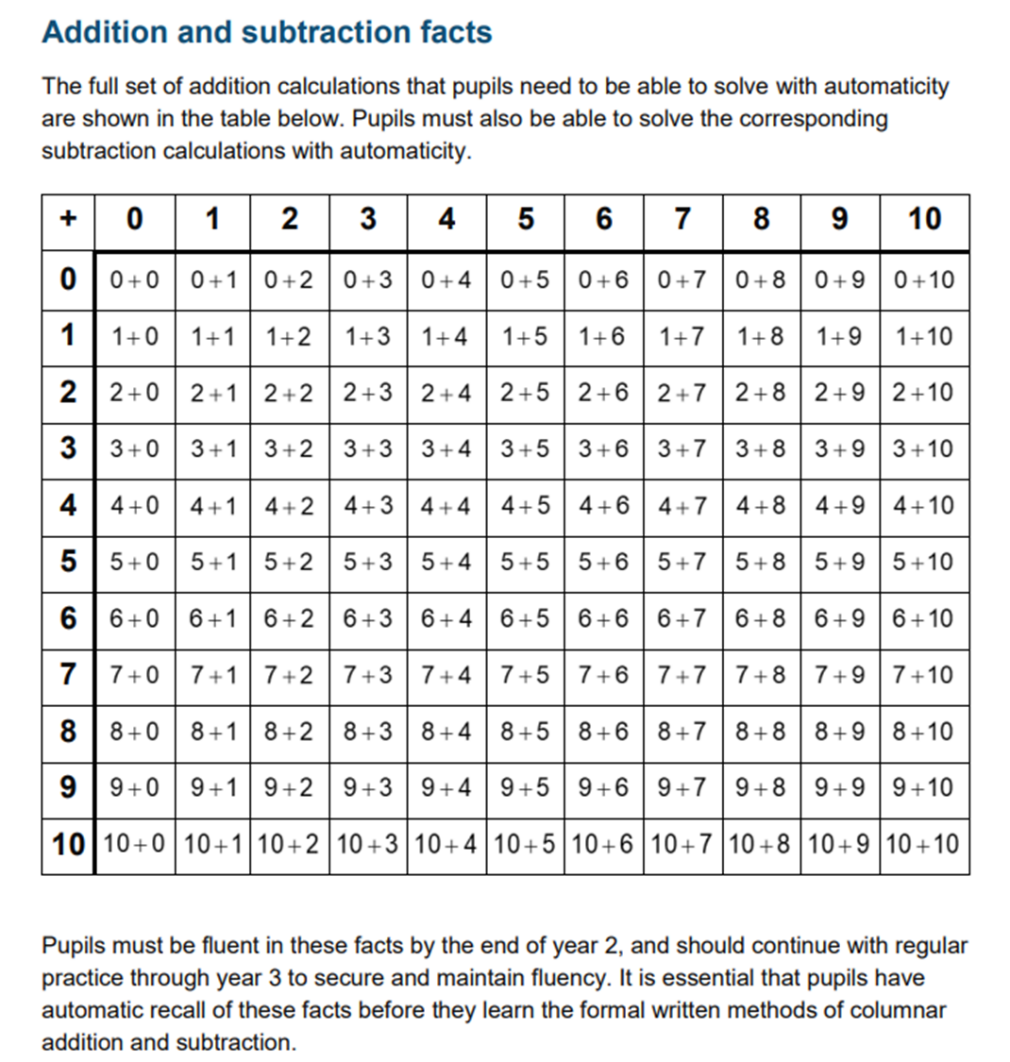
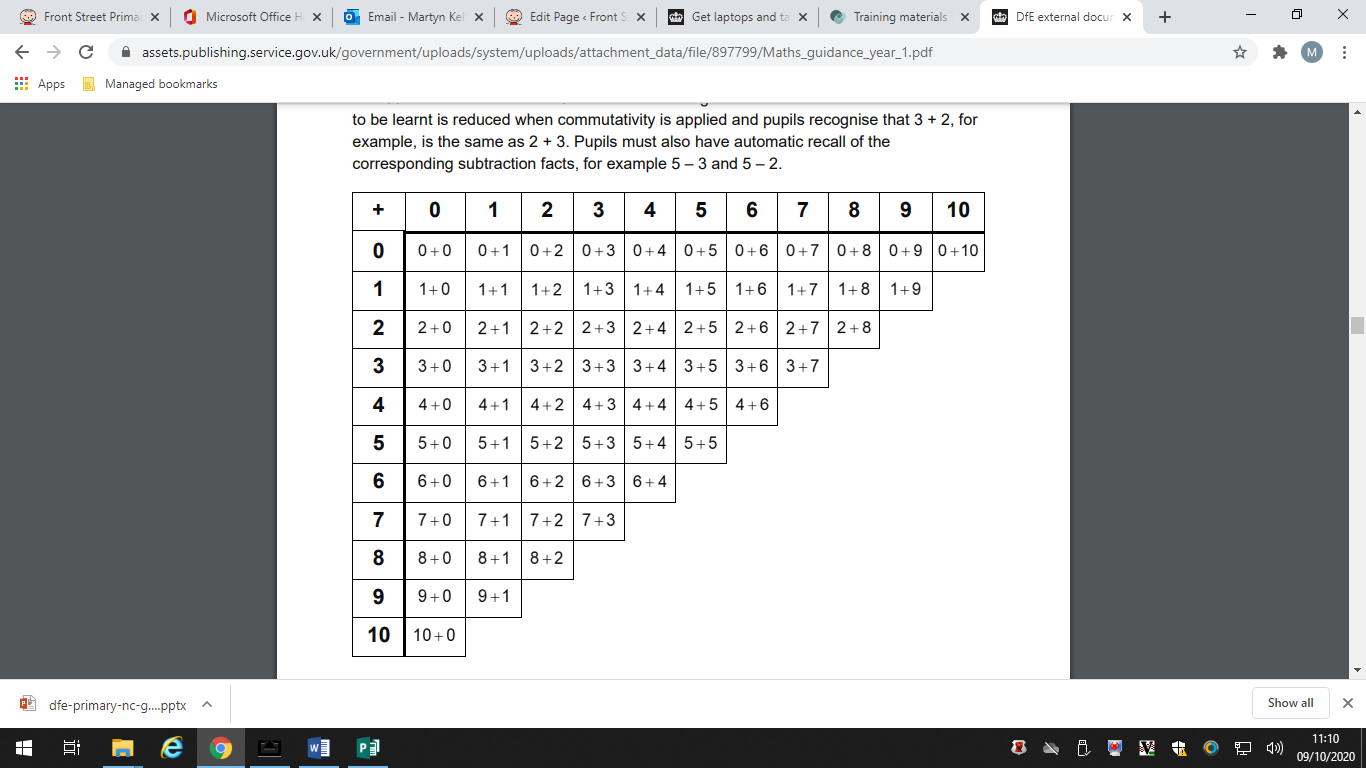
Dear Parents,

Please help your child learn these number facts during the Easter holiday. They need to know the addition and subtraction facts for each bond. Putting the addition bond on the front of a post it and the corresponding subtraction facts on the back can help, and this way your child can make a group of bonds they know confidently, and focus more time on the others eg 4+2=6 on the front and 6-4=2 and 6-2=4 on the back of the post it.

The Year 1 number bonds are in colour, they have been coded so that your child can use specific strategies to help them recall the bonds quickly. Start with adding bonds, then progress to the subtraction facts. Using counters arranged on a ten frame can help, then progress to recalling the facts instantly.

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| --- | --- | --- | --- | --- |
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|  |  |  |  |  |

Year 2 need to know all the Year 1 bonds, and the Year 2 bonds. Although the Year 2 bonds are not colour coded, your child may be able to spot patterns they can use to help them recall. For example - can they spot the doubles (e.g 8+8) and near doubles (e.g 8+9) They can then use e.g double 8 to help them work out 8+9. All the adding 10 ones are easy for them to remember. Adding 9 - they can add ten, then compensate (e.g 9+4 I can do 10+3 which is easy). Using 2 ten frames and counters can help with this too.



Pupils must be fluent in these facts by the end of Year 2, and should continue with regular practice through Year 3 to secure and maintain fluency. It is essential that pupils have automatic recall of these facts before they learn the formal written methods of columnar addition and subtraction.

Pupils should learn commutativity and when this is applied, it reduces the amount to remember.   
**For example, 2 + 3 is equal to 3 + 2.**

Pupils must also have automatic recall of the corresponding subtraction facts.   
**For example, 5 -3 = 2 and 5 – 2 = 3**

**YEAR 1**

**YEAR 2**

Year 1 addition bonds to learn. Once you know the addition bonds, can you learn the corresponding subtraction facts?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 0 + 0 | 0 + 9 | 9 + 1 | 1 + 8 | 3 + 7 | 2 + 7 | 1 + 7 |
| 1 + 0 | 0 + 1 | 1 + 1 | 1 + 2 | 1 + 3 | 1 + 4 | 1 + 5 |
| 2 + 0 | 0 + 2 | 2 + 1 | 2 + 2 | 2 + 3 | 2 + 4 | 2 + 5 |
| 3 + 0 | 0 + 3 | 3 + 1 | 3 + 2 | 3 + 3 | 3 + 4 | 3 + 5 |
| 4 + 0 | 0 + 4 | 4 + 1 | 4 + 2 | 4 + 3 | 4 + 4 | 4 + 5 |
| 5 + 0 | 0 + 5 | 5 + 1 | 5 + 2 | 5 + 3 | 5 + 4 | 5 + 5 |
| 6 + 0 | 0 + 6 | 6 + 1 | 6 + 2 | 6 + 3 | 6 + 4 | 1 + 6 |
| 7 + 0 | 0 + 7 | 7 + 1 | 7 + 2 | 7 + 3 | 3 + 6 | 2 + 6 |
| 8 + 0 | 0 + 8 | 8 + 1 | 8 + 2 | 2 + 8 | 1 + 9 | 4 + 6 |
| 9 + 0 |  |  |  |  |  |  |

Year 2

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

Year 1 subtraction facts to learn.

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

Year 2 subtraction facts

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