

Maths home learning

Week commencing 9th November 2020

I thought I would put the maths separately and I have suggested 5 days of work. Please do not worry; if you do not get chance to complete everything. If you would like further extensions then please just let me know.

The weeks work covers both year 1 and year 2 objectives. Please work at a level that you feel confident with.

This week our focus is addition and subtraction. I know that some of you might be keen to lay these out in the form of a column. For some of us we will cover this next week and it is better to have the foundations.

Monday

1. Adding 1 digit numbers to a 2 digit number up to the value of and using number bond facts as well as counting practical items.
2. Adding 3, one digit numbers using our number bond knowledge
3. Extension – Adding 3, two digit number

Tuesday

1. Adding 2 numbers together by using a number line and counting on.
2. Adding 2, two digit numbers
3. Extension – adding a selection of numbers together.

Wednesday

1. Subtracting 2 numbers and not crossing 10
2. Subtracting a 1 digit from a 2 digit number
3. Ext – Reasoning Questions

Thursday

1. Subtraction – crossing 10
2. 2 digit, subtract a 2 digit
3. Reasoning questions

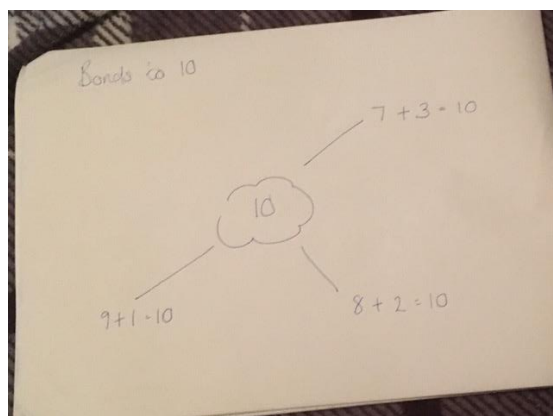
Friday

Colour by addition and subtraction

Monday

Your first job is on a piece of paper write bonds to 10 in the middle and all the different combinations to 10. This will be useful for every level.

I have made a start on the picture below, see how quickly you can complete all options.



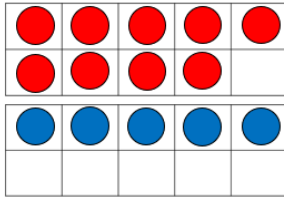
Watch the first video below to explain today's work.

<https://youtu.be/BlsGH3Lelds>

$9 + 7 =$	$8 + 6 + 2 =$	$16 + 8 + 12 =$
$8 + 5 =$	$9 + 9 + 8 =$	$19 + 18 + 8 =$
$12 + 4 =$	$7 + 5 + 9 =$	$16 + 12 + 6 =$
$9 + 3 =$	$6 + \dots + 5 = 19$	$12 + 8 + 18 =$
$16 = 9 + \dots$	$9 + 3 + 8 =$	$9 + 12 + 9 =$
$12 = \dots + 6$	$8 + 6 + 6 =$	$18 + 12 + 0 =$
$10 + 6 =$	$7 + 8 + 9 =$	$34 = \dots + 12 + 12$
$7 + 9 =$	$\dots = 8 + 7 + 9$	$41 = 16 + \dots + 18$

You can generate more of these by using a dice to make your own numbers.

Dexter uses ten frames to calculate eight plus six.



He says,



$$8 + 6 = 16$$

Do you agree? Explain why.

Use equipment to represent each of the calculations below.

What is the same?
What is different?

$$7 + 3 = 10$$

$$17 + 3 = 20$$

$$20 = 7 + 13$$

Explain your thinking.

Both missing numbers are less than 10

$$7 + \square < 7 + \square$$

How many different possible answers can you find?

True or false?

There are double the amount of numbers bonds to 20 than there are number bonds to 10

Prove it - can you use a systematic approach?

Here are three digit cards.



Place the digit cards in the number sentence.

How many different totals can you find?

$$\square \square + \square =$$

What is the smallest total?

What is the largest total?