RECEPTION MATH'S HOME LEARNING ACTIVITIES
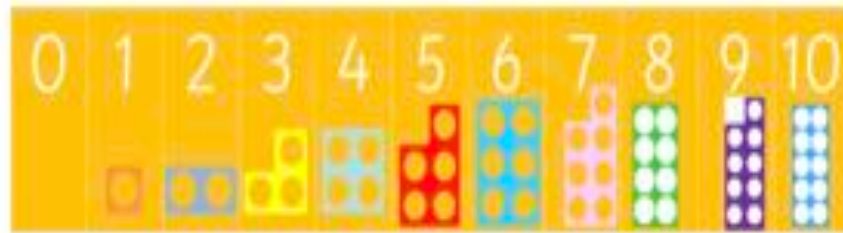
WEEK 4: 25.01.21-29.01.21

MONDAY 25TH JANUARY 2021

One More/One Less

Make a Number line:

0 1 2 3 4 5 6 7 8 9 10

NB: Use a small toy, such as a Lego character; place him on the number of your choice; move your character one space forward, to the right ➡️ to show one more and one space back, to the left ⬅️ to show one less.

e.g. If your character is on number 5, to find one more, you will move it to number 6 and to find one less, you will move it to number 4.

Use 'Ten in the Bed' story/song to teach subtraction:

PENNY DALE

TEN IN THE BED

Find up to 10 cuddly toys to go in your bed and tell the story. Each time one teddy falls out, show one less. When you only have one left in the bed, add one each time and show one more.

TUESDAY 26TH JANUARY 2021

Today I would like you to watch the following video:

https://www.youtube.com/watch?v=xifpq8nCEzk

Numberblocks Episode 12 (The Whole of Me).

Encourage discussion afterwards: What did you notice? Note that the Numberblocks 'split up' into smaller Numberblocks.

Show chn 1 red block and sing Number One's song together: "I'm Number 1 and this is fun, I've got 1 block to play with and the whole of me is One".

Sing Two's song: "I'm number 2. How do you do? I've got 2 blocks to play with and the whole of me is Two. 1 is a part of me and 1 is a part of me and the whole of me is Two.

Repeat for other numbers 3-10 showing children that the other numbers can be divided into smaller numbers.

WEDNESDAY 27ᵀᴴ JANUARY 2021

The next couple of days we will be learning how to use this diagram. This is called a part part whole model. We use this to break numbers into smaller numbers to find out what 2 small numbers make a big number. Just like what we do when we add numbers together.
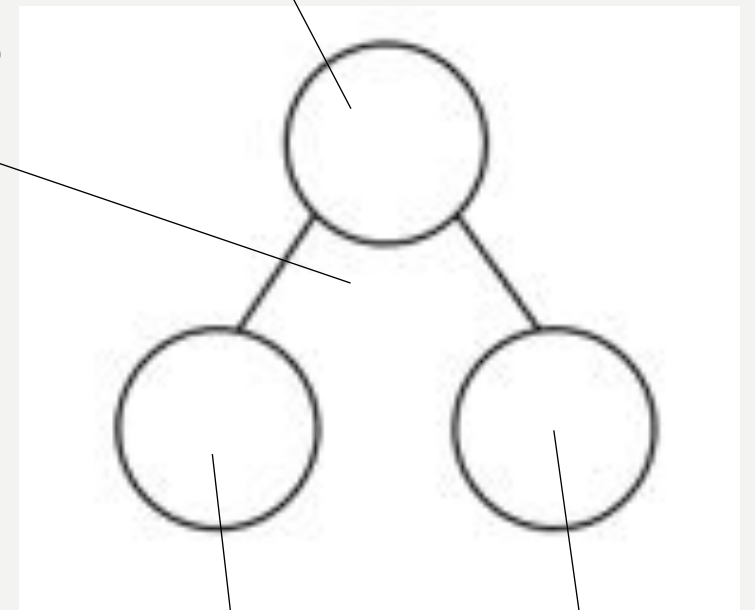
The big number goes in here

Or we could flip this model upside down so that the small numbers are at the top and the big number is at the bottom.

Watch the following videos to get a better understanding of how we use this model and try having a go by yourself by completing the models on the next slide:
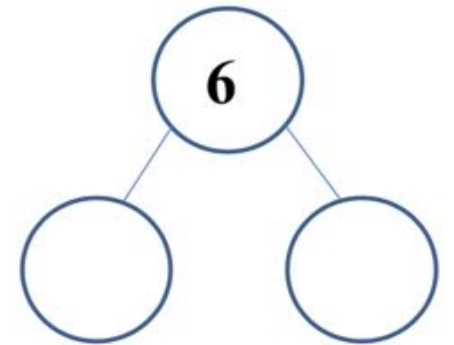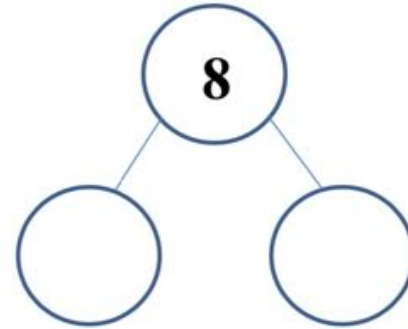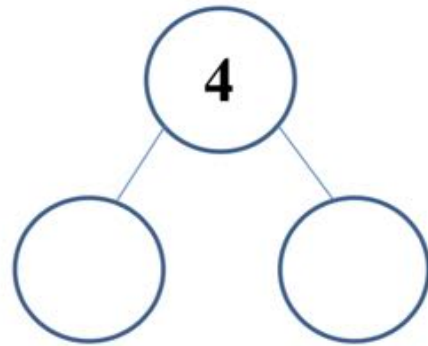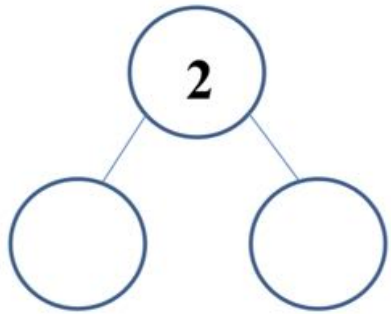
https://www.youtube.com/watch?v=vzeeaxLQDkE

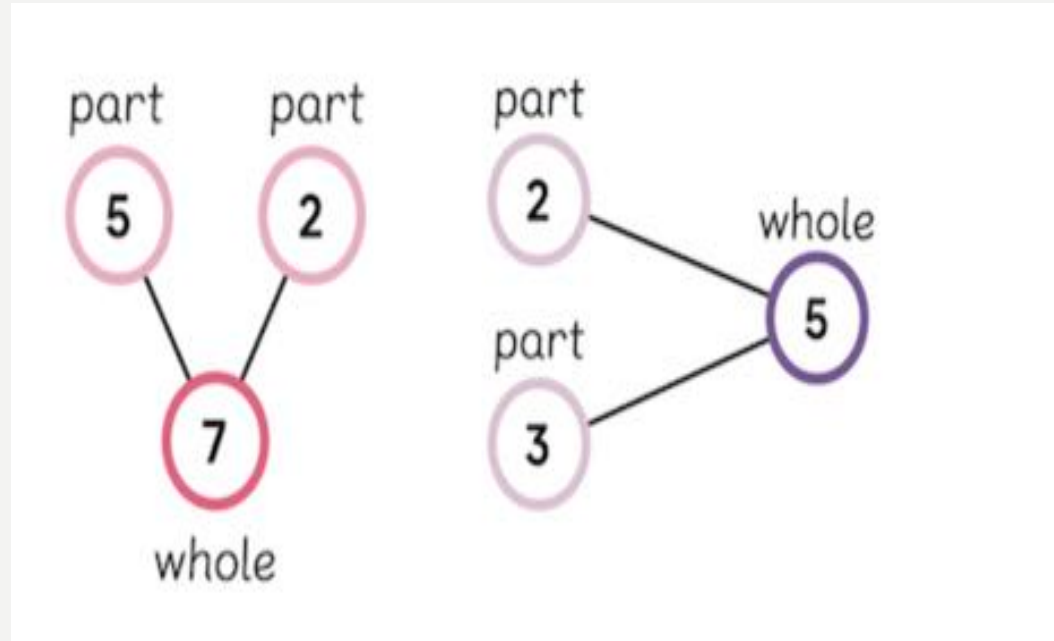https://www.youtube.com/watch?v=abR4aZKzIFc

The smaller numbers go in these circles

WEDNESDAY 27TH JANUARY 2021

Right reception, have a go at completing these part part whole models- what two small numbers when put together make the whole number.

THURSDAY 28ᵀᴴ JANUARY 2021

https://www.ictgames.com/mobilePage/partPartWhole/index.html

Have a go at playing the following game.

FRIDAY 29ᵀᴴ JANUARY 2021

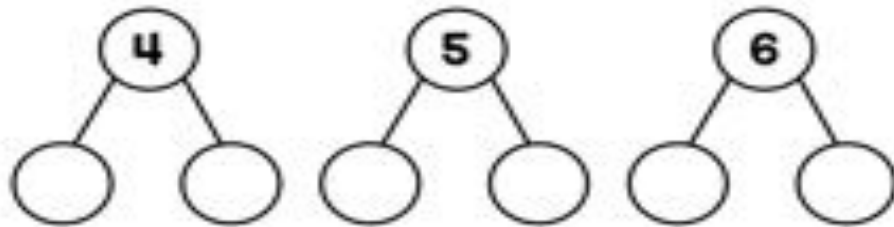**Reception - Number and Place Value - Numbers to 10**

Digging Deeper

Dot plates

Provide children with dot plates or cards from 0 to 5

Ask the children to arrange the 6 plates onto the part whole models so that they have:

- a pair of plates with a total of 4 dots
- a pair of plates with a total of 5 dots
- a pair of plates with a total of 6 dots

Is there more than one way to solve the problem?

Key questions

How many dots does each plate have?
How many dots are there on these 2 plates together?
Can you find 2 plates which have (4, 5, 6) dots?
Is there more than one way to make (4, 5, 6) dots?
Can you find more than one way to arrange your 6 plates on the part-whole model?

Exploring possibilities

Jack rolled 2 dice and scored 10

Amir scored less than Jack.
One of Amir's dice showed 5.

What other number **could** Amir have rolled?
Is there more than one answer?
Are there any numbers Amir **could not** have rolled?