

Numeracy challenges

Week beginning 11.1.21

This week our numeracy challenges are based upon our previous learning of the numbers 0-5.

Activities will reinforce the learning covered so far. Some worksheets/ games attached will have numbers to 10, however if your child can recognise or count to 10, then that is fantastic. However, our maths teaching focuses on learning all about numbers in depth, (beyond counting in rote.) Children will be learning how to count, recognise, order numerals. Say one more than/ one less than a number. Recognise it in all of its different forms (numicon, tens frame, dice patterns etc.) Children can build the number with objects in different ways, e.g. separate 5 toys (4+1, 3+2, 0+5.) If they have 2 toys, ask them how many MORE will they need to make 5, or if they have 5 toys how many LESS will they need to have 3?

Part whole models

You might need a little creativity here as this is quite a visual/ hands on activity.

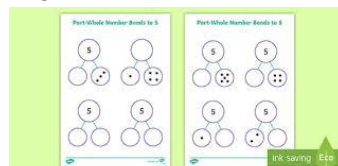
You could use 3 plates/ boxes etc to show the groupings.

The part whole model looks like the image below. (I will also attach a paper copy for you to print out if you wish.)

We start out with the largest number written in the top circle- this will be number 5.

Then you need 5 items that the children can use, (toys, oranges, lego bricks etc.)

The children will then show how 5 can be split into the bottom 2 circles in different ways (4)(1) or (3) (2) etc. After each split, count again to check there is still 5, reinforcing $4+1=5$



Tens frame

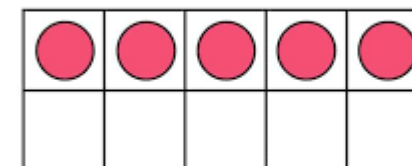
In Nursey we complete a tens frame every single day as part of our daily welcome.

Can children find different numbers of items in the house and then mark them off on a tens frame?

E.g. 2 balls= 2 dots on the tens frame

5 blocks= 5 dots on the tens frame.

(Tens frame sheet attached also.)



Number matching

As your grown up to find 5 pieces of paper and write a number (1-5) on each of them.

Can you find some items to match each number? E.g. 1 orange, 2 pencils, 3 shoes etc.

Worksheet- Winter number matching

Number formation

Can you sing each rhyme and form each number?

(sing to Skip to my Lou tune)

From the top go all the way round (x3)

To make the number zero.

Go straight down and that is all (x3)

To make the number one

Swing it round and then go right (x3)

To make the number two

Swing it round and then once more (x3)

To make the number three

Down, slide, cut in half (x3)

To make the number 4

Down, round, put on a hat (x3)

To make the number five

- Number formation activity attached

Representing numbers

Print out the cards and see if you can complete the activities for numbers up to 5.

Play other games with them e.g. turn over a card (4 birds- set a challenge, 'can you do that many star jumps etc.)

See activity pack

