

## Maths- Week beginning 8th February

Our maths this week is learning all about number 9

Please note these sessions will be demonstrated on the Dojo page each day.

### Monday

Start with finding groups of 9 objects eg Can you find 9 pieces of cereal, 9 cups, 9 stones, 9 toys etc.

Read the Naughty Nine story from Number Zoo which is all about the number 9.

**Activity:** We are going to make a naughty 9 with 9 wrinkles on him.



Some ideas you may wish to try .

If possible, please watch the Numberblocks Episode :Series 2 Episode 4 (nine) [BBC iPlayer - Numberblocks - Series 2: Nine](#)

If you have any square blocks at home and you can make 4 and 9 to explore that they are square that would be great or if you have square post it notes you could make them that way.

### Tuesday

Count up to 20 today can you do it by yourself how far can you get now?

Practice one more and one less today hold up a number what is one more? Try another number what is one less? Use numbers between 1-8

Today we are going to explore length and measure. You will need some items that are all the same length so we could use tube pasta but try and get pieces that are the same length. Or you could use lego or duplo blocks that are the same length, nerf bullets or if you have some spoons the same length etc.

So the children will need more than nine items as the idea is to lay down say 3 pieces of pasta end to end and compare this with say 6 pieces of pasta. We are learning that the larger the number the longer the length eg:

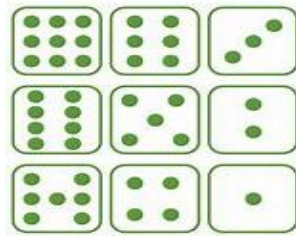


If possible, please watch the Numberblocks Episode :Series 3 (The Wrong Number) [BBC iPlayer - Numberblocks - Series 3: The Wrong Number](#)

**Activity:** Complete the number 9 work sheet

Wednesday

Start today by counting upto 10 and back. When you get to 9 each time stand up and sit down. Lets use our dice patterns from last week and ask your child to see if they can recognise how many dots are on the paper:



As we are learning about number 9 can you find it on a clock at home. 9 o'clock looks like this on a clock.



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If possible, please watch the Numberblocks Episode (Series

2 Episode 10 (The Three Threes) Link: [BBC iPlayer - Numberblocks - Series 2: The Three Threes](#)

**Activity:** You will need 9 objects: pasta, stones, pegs whatever you have but easier if all the 9 things are the same.

We are going to explore splitting 9 into separate equal parts



Eg.

Showing  $1+1+1+1+1+1+1+1+1=9$



Showing  $3+3+3=9$

If your child is ready to write the sums they can but remember the important part of the learning is finding the different ways practically with your items. You may wish to record the sums so that your child can see how we record.

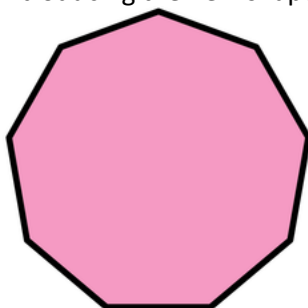
### Thursday

Practice naming all the shapes we have learnt so far: circle triangle square rectangle pentagon hexagon, heptagon and octagon how many sides do these shapes have? The numberblocks episode below may help:

If possible, please watch the Numberblocks Episode (Series 3 (Flatland) Link: [BBC iPlayer - Numberblocks - Series 3: Flatland](#))



As we are learning about 9 we are introducing the new shape a nonagon it has 9 sides:



Maybe you could have a go at drawing a nonagon or making it with some sticks or some crayons?

**Activity:** Using your 9 objects again today and if you wish your part part whole model that we used. Explore all the ways we can make 9 by adding 2 amounts together.

Eg:  $0+9=9$   $1+8=9$   $2+7=9$   $3+6=9$   $4+5=9$

Also remember that even if we write down some of the sums eg  $2+7=9$  and then write it the other way  $7+2=9$  it is still the same sum.

If your child is ready to write the sums they can but remember the important part of the learning is finding the different ways practically with your items. You may wish to record the sums so that your child can see how we record.