Maths- Week beginning 1st February

Our maths this week is learning all about number 8

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

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### Monday
Start with finding groups of 8 objects eg Can you find 8 pieces of cereal, 8 socks, 8 leaves, 8 toys etc.

Read the Amazing eight story from Number Zoo which is all about the number 8.

**Activity:** We are going to make a spider with 8 legs.



Some ideas you may wish to try remember 8 legs.

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### Tuesday
This week we are introducing two new concepts : **doubling** and **halving** so today it would be good if you do some activities around doubling. I will attach a separate sheet for some practical ideas to help you explore these concepts with your child. I would suggest that you then find another day at some point this week to explore halving. Keep it fun and practical. The numberblock episode down for Wednesday explores doubling and halving .

If possible, please watch the Numberblocks Episode :Series 2 Episode 3 (eight) BBC iPlayer - Numberblocks - Series 2: Eight

**Activity**:  Worksheet all about 8

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### Wednesday
Start today by counting upto 10 and back. When you get to 8 each time stand up and sit down. Lets use our dice patterns from last week and ask your child to see if they can recgonise how many dots are on the paper or a dice if you have one. We also now need to add dots to show 7 and 8 and try and recognise these without counting. This illustration does show 9 but we can add this next week.!
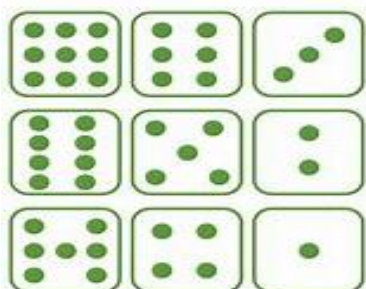
As we are learning about number 8 can you find it on a clock at home. 8 0 clock looks like this on a clock.



If possible, please watch the Numberblocks Episode (Series 2 Episode 9 (Double Trouble) Link: BBC iPlayer - Numberblocks - Series 2: Double Trouble

**Activity:** You will need 8 objects: pasta, stones, pegs whatever you have but easier if all the 8 things are the same.

We are going to explore splitting 8 into separate equal parts

Eg.

Showing   1+1+1+1+1+1+1+1= 8

Showing   2+2+2+2= 8

Showing   4+4= 8

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 and heptagon how many sides do these shapes have?

If possible, please watch the Numberblocks Episode (Series 3 Episode 14 (Otcoblock to the Rescue) Link: BBC iPlayer - Numberblocks - Series 3: Octoblock to the Rescue!

As we are learning about 8 we are introducing the new shape an octagon it has 8 sides:
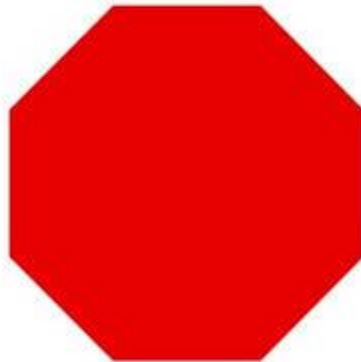


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Maybe you could have a go at drawing an octagon or making it with some sticks or some crayons?

**Activity:** Using your 8 objects again today and if you wish your part part whole model that we used.  Explore all the ways we can make 8 by adding 2 amounts together.
 Eg:  0+8=8   1+7=8   2+6=8   3+5=8   4+4=8

Also remember that even if we write down some of the sums eg 2+6= 8 and then write it the other way 6+2= 8it 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.