

Maths Overview Reception Class One Week commencing 20th / 27th April

Topic-Doubling and halving

- To explore the concept of doubles
- To explore the concept of half

We covered this learning in the last week at school before we closed, so for many, these activities will be just about building confidence through practise. When we teach maths at school. We always try to put it into a real-life situation to help the children understand it. The following are suggested activities to do with your child throughout this week but I am sure you will want to adapt or change things depending on the things you have at home.

The children learnt that double means 'twice as many' or having two groups of the same. Remind your child of this.

W/C 20th April - Doubling

Suggested starter activities	Suggested main activities	Suggested extension
Lets count to 20- Youtube video Or you can count to 20 forwards and backwards.	Use a mirror so children can see doubles- they could hold up 3 fingers in the mirror and count all of them to find the double. They could build a tower of 5 cubes high and then put it in front of the mirror and then count. Encourage your child to say 'double___is equal to___'	Watch BBC numberblocks series 2 episode 9- double trouble https://www.youtube.com/watch?v=Bot83VxMLqM
Jack Hartmann - number bonds - Youtube video	Use some dominos- play a game together. Can the children find the doubles. Encourage your child to say 'double___is equal to___'	Can they write down any doubles?

Clap a pattern with your hands and your child has to clap the pattern back to you.	Get 2 dice and take it in turns to roll them both. Each time they roll a double they get a point. Encourage your child to say 'double ___ is equal to ___'	Play snap with some picture playing cards or dot cards.- encourage child to say the doubles when they make them
Shape game- describe a 2D shape by saying how many sides it has. Your child has to guess what shape you were thinking of. Swap over to see if your child can describe a shape.	Sit opposite your child and make doubles with your fingers. If you hold up x amount your child has to hold up the same and then tell you the double using the full sentence.	Use lego or duplo- Can they make a tower double the height or double the length?
Sing the days of the week song together- can you say what day it is today in a full sentence?	Sit opposite your child and make doubles by making the same quantity. Counting out cars/blocks/balls.	Ladybirds- can they draw a lady bird and draw doubles on their backs.

W/C 27th April- Halving and sharing

The children have had practise sharing into groups and were becoming confident with this but they need lots more practise finding half.

Half - it is when the whole has been shared into two equal groups and it is one of 2 equal parts

Suggested starter activities	Suggested main activities	Suggested extension
Lets count to 20- Youtube video Or you can count to 20 forwards and backwards.	Show the child a bowl of strawberries/grapes. Explain that you are going to share them into 2 equal groups so that there will be half for you and half for me. Put a handful straight onto each plate without counting but make sure one has	Count the total amount of strawberries- what is half? use sentence half of ___ is equal to ____.

	<p>much more strawberries than the other. Ask your child is that fair? Prompt them to show you how to share them fairly. (one for you, one for me etc)</p>	
<p>Can you do 5 jumps?</p> <p>Can you do 5 claps?</p> <p>Can you do 5 hops?</p>	<p>Get your child to count out x amount of cubes/cars. Now ask them to halve them/share them fairly between you both.</p> <p>Encourage them to say in full sentence half of ___ is equal to ____.</p>	<p>Share out dominos/cards before playing a game.</p>
<p>Sing 5 little ducks, 5 little speckled frogs.</p>	<p>Can they share/half sweets/small world animals with you?</p>	<p>Show your child a number using a number card, can they use their toys to find out half of that number?</p>
<p>Number hunt- write numbers on small pieces of paper- hide them around your house. Can your child identify all the numbers they find and then put them in the correct order from 1-20?</p>	<p>Give a child an uneven number to share/halve. Get them to halve the amount. Point out that the whole was not equal so they will have some left over to make sure it is fair and the groups are equal.</p>	<p>Build a tower - can your child break it in half?</p>
<p>Sing the days of the week song together- can you say what day it is today in a full sentence?</p>	<p>Get 2 teddies and give them each a plate. Use an even amount of objects to pretend to be their food. Can your child share out the food fairly so each teddy gets the same. What will happen if another teddy joins the picnic?</p>	<p>Youtube video- numberjacks - a game of two halves https://www.youtube.com/watch?v=eBWTP84lcUI</p>

Questions you might want to ask

- What do you notice about the numbers and their patterns?
- What do you have to do when you double?
- How do you know a number is double?
- What do you have to do to find half?

On line links-

- <https://www.mathswithparents.com/> If you have already completed this activity-apologies.
- Youtube- numberjacks- a game of 2 halves <https://www.youtube.com/watch?v=eBWTP84lcUI>
- Youtube- Watch BBC numberblocks series 2 episode 9- double trouble
<https://www.youtube.com/watch?v=Bot83VxMLqM>
- www.topmarks.co.uk - children enjoy playing maths games from this website. When searching for a game click maths and early years in the drop down menus and they will recognise some which we use in class.

Vocabulary-equal parts, doubling, double, half, equal, fair, share