**Maths/Home Learning Planning**

**Summer Term 2 2020 – Week 5: 29.06.20**

Objectives: N: To count numbers in order to 10. To order numbers to 10.

 R: To halve numbers to 20. To share numbers equally into groups.

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|  | **Nursery**  | **Reception**  |
| **Monday** R: The Story of Halving PowerPoint | Look at this website together and work through the questions.<https://www.oxfordowl.co.uk/api/interactives/24481.html>Challenge yourself to play a new counting game on this website;<https://www.topmarks.co.uk/Search.aspx?Subject=16&AgeGroup=1> | Introduce the concept of ‘halving’ explaining that this is when we share items into two equal groups. Show the children a bowl of objects e.g. strawberries, grapes, buttons etc. Explain that you are going to share them into 2 equal groups so there’ll be half for you and half for another family member. Put a handful straight onto each plate without counting - make sure that one plate has much more items than the other. Ask if that is fair. Prompt them to show you how to halve the group into two equal groups. Repeat again, but with other examples. Explore halving visually through ‘The Story of Halving’ PowerPoint which is attached. As you are working through, make sure your child has some objects which they can use to halve different amounts into two groups.Complete Bees in the garden activity. |
| **Tuesday**N: Lolly OrderingR: Teddy Bear Picnic Sharing Challenge | Have a look at these to warm up<https://www.bbc.co.uk/cbeebies/watch/playlist-number-raps?collection=numbers-and-letters>Then have a try to complete the Lolly Ordering activity. | Look at the Halving Fruit PowerPoint and revisit the terminology of halving which was introduced yesterday. Can you explain what this means to someone at home?Play Teddy Bear Picnic - Provide two bears, two plates, even quantities of loose parts and a set of even number cards. Select a number card e.g. 10 and ask your child to count out that number of objects. Ask your child to share out the loose parts equally so that each teddy gets the same amount. Go through the problems on the Teddy Bears Picnic cards. |
| **Wednesday**N: Compare numbers to 10 TransportR: Fairy Tale Party PowerPointR: Monkey Share Sheet | Have a look at these to warm up<https://www.bbc.co.uk/cbeebies/watch/playlist-number-raps?collection=numbers-and-letters>Complete Compare Numbers to 10 Transport sheet. | When children become confident in halving objects and numbers, begin providing opportunities for the children to share numbers between larger groups.Sharing between larger groups is one that can be explored at various points throughout the day. You could even start this during a little snack break! Pop a bowl of grapes, strawberries etc. in the middle of a table and place some plates around the table. Can you ask your child to share the 6 grapes between the three plates, how many do you have on each plate? A useful way to approach this is by chanting; one for me, one for you etc. Repeat this with other amounts e.g. 8 items and four plates; 9 items and 3 plates.Explore sharing into larger groups visually through the ‘Fairy Tale Party’ PowerPoint attached. The activity explores sharing an even number of cakes between lots of party guests. As you are working through the PowerPoint, try to have some practical objects available so your child is able to physically manipulate the resources into groups before looking at the answer.Complete Monkey Sharing sheet, if your child is confident they could introduce different ‘food’ to be shared. |
| **Thursday** N: Garden cut and stick activityR: Solving Problems Halving Home Learning Sheet | Have another look at these to warm up<https://www.bbc.co.uk/cbeebies/watch/playlist-number-raps?collection=numbers-and-letters>Have a go at completing the Garden Cut and Stick activity | Puppet Problems - Introduce a cheeky puppet or toy. Explain that the puppet/toy is supposed to hand out objects into groups fairly but keeps making mistakes so some groups have more than others. Can you help share the objects equally so that each group has the same amount? Representing Halving - Using the attached sheet, can you work with your child to represent their mathematical thinking in relation to halving. Make sure you have some practical items with you to help you with your problem solving |
| **Friday**R: Solving Problems Sharing Home Learning Sheet | Challenge yourself to play a new counting game on this website;<https://www.topmarks.co.uk/Search.aspx?Subject=16&AgeGroup=1> | Watch the Pirates Sharing PowerPoint together and discuss. Representing Sharing into Groups - Using the attached sheet, can you work with your child to represent their mathematical thinking in relation to sharing into equal groups. Make sure you have some practical items with you to help you with your problem solving. As an additional challenge once you have pictorially represented your thinking, you may wish to try to record your answers as repeated addition. For example if you share 6 sweets between three people this would look like 2+2+2=6 |

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