

Mrs Cowan's Maths Group – Home Learning

Week commencing: 1st March 2021

As in previous weeks, these home learning lessons are specifically designed for my maths group and follow what we would have been learning in school this week.

Each lesson includes:

- a rapid recall warm up
- the main lesson (a 5-10 minutes recorded input by myself)
- an activity for your child to complete independently
- a challenge for your child to complete if they have quickly grasped the independent activity

This week's lessons introduce the concepts of sharing and dividing. It will be helpful to have small counting objects available for your child to use and a few dishes, plates or boxes.

There are only 3 lessons this week to enable children to enjoy celebrating World Book Day on Thursday 4th March.

Please remember that if you are unable to print the resources just use them as a guide and write down the relevant parts or request a paper pack via the school office.

Class Dojo can be used to contact me if you have any questions.

Thank you again for your continued support, Mrs Cowan

Mrs Cowan's Maths Group – Home Learning

Lesson 1 – Sharing into equal groups

- Warm Up:
Ask your child to draw a line down the centre of a whiteboard or piece of paper and to write the headings 'Odd' and 'Even'. Call out odd/even numbers from 0 to 100 and ask them to write the numbers in the correct columns. Then ask them to explain the 'rules' for knowing whether a one-digit or two-digit number is odd or even.
- Watch Mrs Cowan's lesson video at <https://youtu.be/WEZ4LOfxV-c>
They will need: their whiteboard and pen or a piece of paper and a pencil.
- Ask your child to complete Activity 1a by sharing small objects/counters into equal groups and drawing a picture to represent them.
- Ask your child to complete Activity 1b by using small objects/counters and drawings to help them to solve the problems.
- Challenge: Making Equal Groups – Sharing

Your child should use their objects/counters to share equally and draw pictures of their objects/counters to prove their answer to each problem.

Lesson 2 – Sharing into equal groups (with remainders)

- Warm Up:
Ask your child to practise recalling the halves of numbers within 20.
- Watch Mrs Cowan's lesson video at https://youtu.be/zDlxdT_GEM
They will need: their whiteboard and pen or a piece of paper and a pencil.
- Ask your child to complete Activity 2a by sharing small objects/counters into equal groups and drawing a picture to represent them. There will be some remainders today as discussed in the lesson video.
- Ask your child to complete Activity 2b by using small objects/counters and drawings to help to solve the problem.
- Challenge: Counting in 2s, 5s and 10s – Tennis Balls

Encourage your child to count in 2s, 5s and 10s to solve the problems.
Ensure that they buy the exact amount of tennis balls with none left over.

Lesson 3 – Using the $\div$ (division) symbol

- Warm Up:
Make some number cards from 0 to 20 and place them around a room or garden so that the numbers are visible. Ask your child to find you halves of even numbers from 0 to 20 or doubles of any number from 0 to 20.
- Watch Mrs Cowan's lesson video at <https://youtu.be/x6lqArKTltc>
They will need: their whiteboard and pen or a piece of paper and a pencil.
- Ask your child to complete Activity 3 by sharing the amounts equally using small objects / counters and writing the division calculation, showing remainders if required.
- Challenge: Divide by 2 – True or False

Encourage your child to work out each calculation before they decide whether the statement is true or false. They can use small objects / counters to help them.

Activity 1a

Share 9 between 3 groups.

Share 15 between 3 groups.

Share 12 between 4 groups.

Share 20 between 4 groups.

Activity 1b

5 children want to buy sweets from the shop.
They want to share them equally.
Which bag should they buy? Explain why.



The teacher wants to buy balls to use in PE.
She wants to be able to share them equally
between 10 children. Which bag should she buy?
Explain why.



Activity 2a

Share 10 between 3 groups.

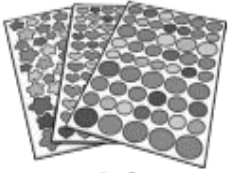
Share 15 between 4 groups.

Share 18 between 5 groups.

Share 20 between 3 groups.

Activity 2b

1. Jin is making 5 party bags. How many of each item will he put in each bag? Remember, they need to be exactly the same.



28 stickers

In bag _____

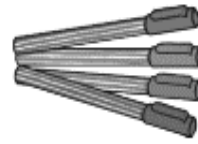
Left over _____



44 sweets

In bag _____

Left over _____



32 felt tips

In bag _____

Left over _____



56 marbles

In bag _____

Left over _____

Activity 3

Share 14 cakes between 2 children.

Share 18 books between 6 bags.

Share 17 apples between 3 dishes.

Share 20 balls between 8 children.