

Home Learning – Maths

Year 2 Term 1

Date: 6th November 2019

Submission Date: 12th November 2019

1) Learning Objective: To understand multiplication as repeated addition or as describing an array.

Task 1: Array hunt!

Getting started

Collect items from around the play grounds, parks, beach etc. and arrange them so that they can be counted in groups of the same size. Discuss how these could be recorded using mathematical symbols. You may want to use an array as a format for recording. Take photographs to make a booklet of arrays. Make a collection of similar objects and use them to make arrays. Use note pads for any jottings you want to carry out. Explore if the objects can be rearranged into different equal groupings and how the arrangements could be recorded mathematically. You may take photographs and also sketches of the arrays found in the environment.

Resources

- Camera
- Note pads
- Pencil/erasers

Key questions

- What do you notice?
- Can you explain your thinking?
- What else could you try?
- What would happen if..? (e.g. you made 3 rows of 2 instead of 2 rows of 3)
- Do the arrays make counting any easier? Why?
- How many arrays can you make with 'x' amount of objects?



Don't forget to mail some of these pictures to your teacher.



Reference link:

<http://www.snappymaths.com/multiplication/earlymult/interactive/arrays/arraysframe.htm>

<https://www.ixl.com/math/grade-2/identify-repeated-addition-in-arrays-sums-to-25>

Task: Activity book 2A pages 32 and 38

Challenge Work (Optional): To be done in Maths Notebook.



Mike's Bikes is a shop that has many different types of bikes. He has tricycles, which have 3 wheels, and regular bikes which have 2 wheels.

If he has 5 tricycles in his shop, how many wheels are there altogether?

If there are 3 regular bikes, how many wheels altogether?

If there is a race with 6 bikes and 6 tricycles, how many wheels altogether?

Show how you know your answer is correct:

Suppose there is a race next Sunday. You can see 24 wheels at the race. What is one possible answer for how many tricycles and bicycles are presents at the race?