

Maths Home Learning Challenges

11.05.2020

Maths Activities!



Remember: Daily practice of numbers 0-20, counting forwards and backwards, ordering the numbers, talking about numbers that are more or less than 20 and recognising the numbers.

Useful websites:

Topmarks
White Rose
Cbeebies: Numberblocks

This week's maths focus is:

Measuring weight/ capacity

To find more measuring activities go online to:
topmarks.co.uk search **measuring**.

Let's make a cake!

This week we are going to be **measuring** when making cakes!

You will need:

125g unsalted butter

125g caster sugar

125g of self-raising flour

pinch of salt

2 medium eggs

2 tablespoons milk

12 hole muffin tins lined with paper cases

Set the oven to 190C, gas 5 – an adult will be helping you throughout!

Instructions:

1. Tip the butter into a bowl and beat it until softened. Then add the sugar, flour, salt, eggs and milk and whisk until the mixture is smooth.

2. Use a spoon to divide the mixture between all the paper cases.

3. Place both muffin tins in the oven and bake for 15 minutes, until the cupcakes are a light golden colour.

4. Remove the tins from the oven. Leave the cupcakes to cool in the tins for a few minutes. Then transfer them to a wire rack to cool

You can decorate however you like – I cannot wait to see the pictures!

Stop watch Challenge!

Find any ten objects around the house, try to use different types of objects, such as a toy, shoes, cutlery, an item of clothing etc.

Ask an adult or sibling to time you, you have **1 minute... go!!**

With all of your 10 objects, I want you to weigh them, the most accurate way to do this is by using weighing scales, if you don't have any you can use a clothes hanger and a sock or leg of tights on either side or your hands – simple!

Before weighing the items have a think about:

which item is going to be the...

heaviest?

lightest?

Will they be the same weight?

Why?

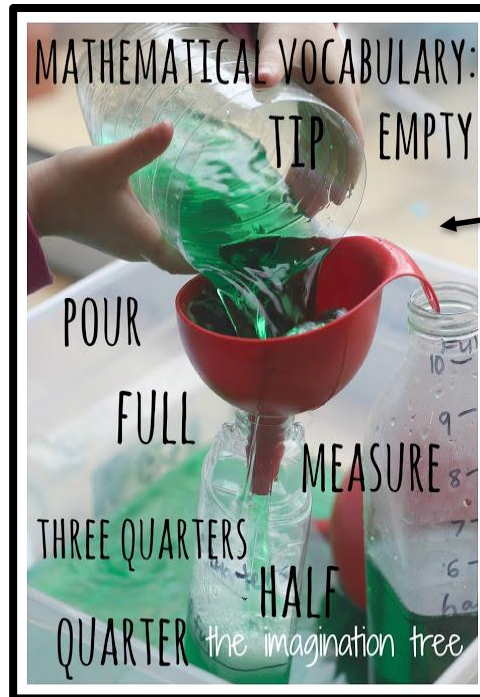
Challenge: Can you order your 10 objects, with the heaviest object being first and the lightest being last?

Exploring Capacity!

Let's have some fun with water!

You will need:

lots of water (perhaps a water tray, sink or bath!) measuring jugs, cups/ plastic bottles, funnels.



If you'd like, you could also add small drops of food colouring to make it colourful and washing up liquid to make some bubbles!

Make marks on the plastic bottles to mark: **half way/full**, **quarter/nearly empty**, **three quarters/nearly full** and **full**.

Talk about what you are marking; can your child help you and remember to use the correct vocabulary!

Using your jugs to pour, fill up your water bottles, to half way, quarter full, three quarters and see how close you can get to measuring against the line!

To extend: Can you measure the water using your measuring jug, how much water do you need to get to half way? quarter? etc.

Can you predict your measurements?

Challenge: Using the plastic bottles, mark the bottle using numbers to 10, can you fill it half way? Which number is halfway? How do you know?