

Giffnock Family Maths Week Activities

Monday 28th September – Sunday 4th October

In school the focus of maths week is mental agility, number processes and exploring the life of an inspirational mathematician.

Maths Week is an opportunity to recognise and celebrate maths in our daily lives and to promote a positive attitude towards maths for pupils and parents alike. With this in mind, we have prepared activities to enjoy and have fun as a family. We look forward to seeing and sharing some photographs of the activities. These can be shared either on the Google Classroom or via our Twitter @giffnockprimary #GPSmathsweek #MathsWeekScot

Baking or Cooking

Try some favourite Giffnock Primary recipes-

- Scones
- Iced fairy cakes
- Fruit kebabs

Baking and cooking provide opportunities to develop skill such as measure, estimation, multiplication and division (to scale a recipe to accommodate a greater to lesser number of servings), read scales, costing and calculating time duration.

Recipes can be found pages 3 – 6 or try a recipe of your choice.

Paper Airplane Family Challenge

- Each family member create their own paper airplane using the same design [Paper airplane design](#)
- Measure which airplane flies the furthest
- Make adaptations to the airplane or create a new one to try an improve distance of flight

Skills and discussion points – measurement, problem solving, following instructions, identifying shapes, accuracy, evaluating and analysing.

Family Maths Scavenger Hunt

On page 2 you will find the list of items you have to either find or spot! If you can't collect the items you could take a photograph or write down what you found. Work together as a family to find everything.

Good luck!

Family Board Game Evening

Board games or card games are an enjoyable and fun way to learn a variety of numeracy skills which can include counting, recognition of numbers, addition, probability, fractions, and money all while improving concentration, developing turn taking and the ability to follow instructions.



ScavenGER HUNT!

Find -

- a measuring instrument
- a 2p coin
- something which weighs 400g
- the number 5
- your house number
- something that comes in a pair
- a clock displaying the time 7pm
- a rectangular prism
- a pattern
- a number greater than 500
- an even number
- a circle
- 4 items which are red from your kitchen
- the heaviest cereal box you can find in your cupboard
- the largest house number you can find on your street
- something with a line of symmetry (or two lines of symmetry for a chilli challenge)
- objects which come in at least 3 different sizes and order them smallest to largest
- coins lost behind/underneath your sofa, what is the total?

Did you manage to find all of the items on the list?

Take a photograph and share with your class either on the Google Classroom or Twitter.

Giffnock Primary Recipes

Giffnock Scones

Serves 4

100g of self-raising flour

¼ teaspoon of baking powder

Pinch of salt

25g of caster sugar

25g of butter

Just over 60ml of milk plus a little to brush top of scones

Scone cutter

1. Sieve the flour, baking powder, salt and caster sugar into a bowl
2. Cut the butter into small pieces
3. Add the butter into the flour and rub it in
4. Stir in the milk and mix to a dough
5. Flour the board or table and empty the dough out
6. Pat or roll lightly until 2cm thick and flattish
7. Cut out and put on a baking tray with greaseproof paper
8. Brush the top with milk to make them golden
9. Bake for 10minutes at 180C

Iced Fairy Cakes

Makes 12

Cakes

100g of self-raising flour

100g of very soft butter

100g of caster sugar

2 eggs

1 tsp vanilla extract


Icing

200g of very soft butter

200g of icing sugar

Decorations e.g sprinkles, icing pens and food colouring

1. Set the oven to 180C/160 fan/ gas 4
2. Put a paper case into each hole of a 12 bun tin
3. Mix the soft butter and sugar together in a bowl
4. Sift in the flour
5. Break eggs into a separate bowl and add the vanilla extract
6. Mix all ingredients together
7. Divide the mix between the 12 paper cases using a spoon and scraping it off with a knife
8. Bake for 20minutes or until golden and springy to the touch
9. Mix the butter and the icing sugar together to make a creamy icing, add food colouring if you would like
10. Once the cake are cool spread on the icing and decorate



Could you decorate
your cakes with a
Maths theme?

Rainbow Fruit Kebabs/Wands

Makes 2 wands

(use as much fruit as you would like, this is a guide only)

2 Slices of Watermelon

6 Strawberries

1 Orange

Tin of pineapple chunks or 2 slices of fresh pineapple

10 Green grapes

1 Kiwi

10 Blueberries

10 Blackberries

10 purple grapes

Large wooden skewers

Shaped cutters (star or heart work well)

- 1. Prepare the fruit by removing the stems from the strawberries, peeling and separating the orange, preparing and slice the kiwi and cut the grapes in half**
- 2. Place the fruit onto the wooden skewer in a rainbow pattern (red, orange, yellow, green, blue, indigo and violet)**
- 3. Complete the wands by using a cutter to cut a shape from the watermelon slice as top of the wand**