



Giffnock Nursery and Primary celebrates Maths Week! Week beginning 10th September 2018

*“Mathematics is important in our everyday life, allowing us to make sense of the world around us and to manage our lives. Using mathematics enables us to model real-life situations and make connections and informed predictions. It equips us with the skills we need to interpret and analyse information, simplify and solve problems, assess risk and make informed decisions.”
(Education Scotland, 2018).*

Over the course of the next week or so, we are making sure our children get to experience mathematics in a very big way! As it is Maths Week we pull together ideas from across the busy school year to further develop, share and showcase our children’s learning.

Below you will see an overview of some of our exciting events throughout the week (and beyond!)

Parental Engagement

A number of our parents are visiting classrooms to share information about their career and how STEM links to it. For example: Electrical Engineer – wind turbine activity incorporating angles and wind direction; Financial Investment – money, profit/ loss and application; Optometrist – fractions and decimals; Chef – baking, weighing and measurement; Maths teachers; Surveyor – scale and area; Anaesthetist – ratio of weight to drug dose/ timings.

If you are out and notice maths in your daily life and environment please take a photo and bring it back into school as we are creating our own Maths in real life display in school.

Thank you to the following families for their support with the activities below:-

Primary 7 Mr. Coleman and Mrs. Shanta – Engineering/ Investment
Primary 6 Mr. Carlin – Trading
Primary 5 Mrs. Wylie – Optometry
Primary 4 Dr. Felderhoff
Primary 3 Mrs. Ahman – Science
Nursery, Primary 1 and Primary 2 – Cooking with our Cookalong Team!



“To face the challenges of the 21st century, each young person needs to have confidence in using mathematical skills, and Scotland needs both specialist mathematicians and a highly numerate population” (Building the Curriculum)

Community Links

PC Grant Trainer – Forensic activity with Primary 7s!

We are out and about in our local area to investigate Maths and how it is used in the local community in the following ways:-

- ✚ We will be investigating numeracy in the local environment (nursery- P3)
- ✚ Menus from our local restaurants and food outlets – pricing, costing and budgeting for meals
- ✚ Problem solving challenges and raising awareness of finance

Challenges throughout the week

- ✚ STEM Challenges – Engineering challenges, bridge building, paper plane designing and flying (link to RAF 100 year celebrations)
- ✚ Cookalong visits to classes
- ✚ Primary 1 & 2 Outdoor Big Bridge Building
- ✚ Lego Bridges Design for Primary 3
- ✚ Special engineering challenges for Primary 4 and 5
- ✚ The Aluminium Challenge for Primary 6
- ✚ The Spaghetti Challenge for Primary 7
- ✚ Outdoor learning across the school
- ✚ Coding
- ✚ Number Talks and Growth Mindset

Useful links for parents

<https://www.nms.ac.uk/about-us/stem-engagement/maths-week/>

(find out about events being held in Scotland to promote maths!)

<https://nrich.maths.org/frontpage> (a fantastic website full of mathematical challenges for all ages)

<https://nrich.maths.org/8495> (open problems for families to do together!)

<https://education.gov.scot/parentzone/Documents/IAmAMathematician270417.pdf>

(Maths resource for families to learn together)

<https://blogs.glowscotland.org.uk/er/Giffnock/curriculum/mathematics-and-numeracy/>

(our school information page with links to parent workshops)

<https://blogs.glowscotland.org.uk/er/Giffnock/files/2018/05/Giffnock-Primary-School-Parental-Numeracy-Framework-Booklet-2018.pdf>

(Our school Core Numeracy Skills booklet shows you how we do it at Giffnock)

