# Kirkhill Primary School's Family Numeracy and Maths Activities!

## Throw like an Olympian!

Families take turns to throw a ball/beanbag etc. and then measure how far this travelled for each family member.
Who threw the furthest?
What's the difference in distance between each throw?
Try this with different objects. Did you manage to increase your distance? How much?

Choose how to display this - take photos/videos, make a table, report the findings like a news anchor – be as inventive as you like!

## Cooking

Search for a recipe online or in a recipe book and cook a new meal together!

Together, go and buy the ingredients while referring to the list. Check the amounts to make sure buy enough! Measure out the ingredients together using scales, jugs, measuring spoons etc.
Which ingredient is heavier/lighter?
Estimate weight of objects! How close were you?

Present this is any way e.g. taking photos of each process to share with other pupils, a video etc.

## Sporty Maths

Sports are the perfect chance to think about speed, scores, time and angles!
Examples of sporty maths:
How many star jumps, hops etc. can you do in one minute?
Measure and try out different angles to score from for any sport – record your accuracy for each angle.
How quick can you score a goal? Can you work out the speed of the ball, shuttlecock, tennis ball etc?
You could make up your own sporty maths!

You could record this through photos, tables etc. to share with other pupils!

## Board Game

Create a board game about any maths or numeracy concept. This could be centred around – Money, shape, number, fractions, probability, times tables, pattern etc.

Bring the board game into school to allow others to play it!

## Numeracy Quiz

Create a numeracy quiz based on a numeracy or maths concept. This could be centred around –
Money, shape, number, fractions, probability, times tables, pattern etc.
You can choose how you create and display your quiz, you might want to do an interactive quiz on Forms!

## Fact-file

Create a fact-file, PowerPoint, poster etc. about someone who uses maths as a job!

We can't wait to find out the new facts to share with Kirkhill pupils!

## Explore Your Local Area

Can you guess how many people live on your street/in Newton Mearns/ Glasgow/Scotland? Find out the correct answer (google will help or counting/tally marking your neighbours). How close were you?

How long does it take you to travel to various landmarks e.g. walking to a shop, park etc, driving to the airport, friend's house etc. You could use a timer to find this out! Could you try different routes and compare the times? How much quicker/longer was it? Can you think why this is?

## Where will we go?

Take a walk and follow directions.
Can your child follow directional language (left, right) to a landmark? Can they direct you to a specific landmark(s)? Can you count how many steps this took? Did you notice any shapes or patterns in the environment?
Look at plotaroute.com – how many miles/kilometres will you travel for different journeys? When getting to specific points of the journey, how far is left to travel? This could be very far away or very close to your house!
Display your findings in any way!

## Problem Solving

Create a maths or numeracy problem As a family – will the pupils at Kirkhill be able to solve the problem?

You can choose any way to display this problem! You could have the answer in a sealed envelope to reveal to the pupils! (We can provide the envelope if necessary ☺).