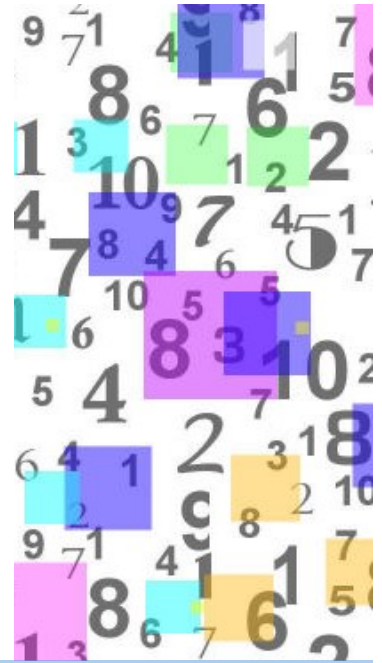




# St. Patrick's Junior School

## MATHS AT HOME



Dear Parents,

This leaflet contains an abundance of Maths ideas for you to implement in everyday situations at home. They are divided into 8 different areas and contain a variety of questions, suggestions and games for each situation. The ideas are practical in nature and in many cases your child won't even realise they are practising mathematical skills. Also included are links to some useful Maths websites to help you along in your endeavours. Have fun!

Carol Keane

Numeracy Co-Ordinator

### At the Table



- How many people are there?
- How many knives/forks do we need?
- Do we have enough/too many?
- Matching cups to saucers.
- Where do we put them? (right/ left)
- Where do the cups go? (in front/behind)
- If more people came, how many extra would we need?
- How many spoons altogether?
- Cutting a cake/fruit/pizza – divide up using fractions, decimals, percentages.

### Baking & Cooking

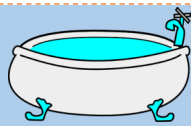


- Which is full/empty?
- Shapes of tins/plates.
- How many cupfuls/spoonfuls do we need?
- Counting/measuring the ingredients.
- How much flour do we need?
- Weight and capacity – compare standard weights.
- Hand-weighing: which feels heavier/lighter?
- More than/less than – do we need more potatoes for everyone?
- Do we have enough for each person to get 2 sausages?

*“A person who never made a mistake never tried anything new.”*

*– Albert Einstein*

### Bathtime



- Sinking and floating.
- Up and down: brushing our teeth, drying ourselves.
- How far do you think the water goes when we splash?
- Is the towel big/small? Big enough? How many towels do we need?
- Full/empty – bottles, tubes, basins...
- Capacity of shower gel, toothpaste, shampoo...
- How much water do you think the bath holds? How long do you think it will take to drain?
- How many capfuls to fill the shampoo bottle?
- Litres and millilitres.

### Bedtime



- Let's count the steps on the stairs.
- Sequence the day – what did we do today?
- Toys: How many altogether? How many eyes?
- How do we put on our pyjamas; one leg first, then the other, right and left.
- Using a calendar – today, yesterday, tomorrow, marking important dates, how many days until...
- Time: What time did you get up/go out/go to bed?
- How many minutes/hours?
- What are the times of your favourite television shows?
- Hours and minutes.

## In the Car



How many metres/kilometres to...?

Destination time – we leave at 11.30am and the journey takes 3 ½ hours.

What time should we arrive?

Read car registration details. Calculate how old each car is.

Signposts – keeping tally of distance travelled.

Petrol – cost per litre/5 litres/...

Value for money – compare petrol prices.

Capacity of fuel tank . How much does it cost to fill the tank/half the tank/quarter of the tank?

## At the Shops



How many bananas do we have?

Do we need a big/small box of cereal?

What shelf are they on – top, middle, bottom?

6 apples for €1.50. How much each? Find three things that total approximately €5.

Weight/capacity of items.

Estimate how many items are in the trolley.

Keeping a running tally of the cost as items are put in and estimate the total.

How much change will I get from €20/€50/€100?

## In the Garden



How many flowers/trees can you see?

Let's count the flowers on a shrub.

How long do you think it would take to run from here to there? Let's try it.

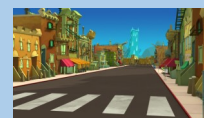
What shapes can you see – flowerbeds, shed, walls...

Is there enough room on the swing/step/bench for 2 of us?

Length/area of the garden – estimate then step/measure.

How tall do you think the tree is? How could we work it out?

## On the Street



What shapes can you see?

How many doors/windows can you count?

If each house had 4 windows, how many are on the street?

How many steps from one end to the other?

How wide do you think the path is? Estimate then step/measure.

How many people could stand from here to the lamppost?

How tall are the buildings?

Follow this link for some great Maths teasers

<https://www.prodigygame.com/blog/brain-teasers-for-kids/>

## Useful Maths Websites and Apps



### Maths Games for Children:

<https://www.coolmathgames.com/>

<https://www.kidsmathgamesonline.com>

<https://www.mathplayground.com/>

<https://www.seomraranga.com/links/maths/>

<https://www.sesamestreet.org/home>

<https://www.topmarks.co.uk/maths-games>

### Maths Guides for Parents:

[Ability Mathematics](#)

[Doing Mathematics With Your Child](#)

[Dyscalculia and Maths Difficulties](#)

[Helping Your Child Do Mathematics](#)

[Twinkl Maths Parent Guide](#)

[Understanding Your Child's Difficulties With Maths](#)



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