

This trail begins at the noticeboard-at the entrance near the St-John's Wood car parks in Corkagh Park

The producers of this Maths Trail accept no responsibility for or liability for any claim, loss, injury or inconvenience caused as a result of following this Maths Trail. By taking part in this Maths Trail you agree to do so at your own risk.

Tick off these things as you find them around the park and write down wh

## The number 0 <br> The number 1 <br> The number 2 <br> The number 3 <br> The number 4 <br> The number 5 <br> The number 6 <br> The number 7 <br> The number 8 <br> The number 9

Four trees in a straight line
Keep dogs on leashes signs (How many?)
Arrows painted on the ground
An n-shaped bridge
A spiral shaped bush
A 6-sided shape
5 rising circles, a cone and a sphere all in one place
Speed you can drive in the park (Could Usain Bolt run faster?)
3 yellow discs and a red cylinder

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ere you have found them. Remember to keep looking as you walk around! Found Rith Where?


At the park entrance noticeboard:

## Station 1 - Stop and Solve



Look at the sign by the entrance. What time does the park close today?

Can you draw two lines to make three triangles?


Look at the sign by the entrance. What time does the park close today?

Can you estimate the height of the 2 big trees located beside the map?

## MATHS TRALL

Walk along the path from the entrance to the junction of paths:

## Station 2 - Stop and Solve



Count how many steps there are between the bench and \| the bin.
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What letters on the sign are symmetrical?

How many letters on the sign have more than one line of symmetry?

Walk on to the path junction:

## Station 3 - Stop and Solve



Draw the shape of the 6 pathways as though you were looking down from the sky.


Next follow the blue route from the junction with the big stone towards the hedge:


Stop at the hedge from which you can see the first bridge and lake:

## Station 4 - Stop and Solve



## Count the trees that line the path to the bridge.

Can you see any parallel lines?

Walk on to the edge of the first lake: Station 5 - Stop and Solve


Draw the shape of the lake as though you were looking down from the sky.

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Which Maths shapes best match the shape of the lake?
ㄴ - - - - - - - - - - - - - - - - 」 How many different types of birds can you see?

Estimate how many birds are on the lake.

Walk on to the next bridge:

## Station 6 - Stop and Solve



How many shapes can you count on the bridge fence?


How many of these Maths words could be used to describe the shapes in the bridge fence? Parallel lines, rectangles, squares, perpendiculars, cuboids, spheres, hexagons. Any other words?

How many parallel lines are there in the fence?

Keep following the blue route around to the right while walking the path around the lake to the blue bridge:


## Station 7 - Stop and Solve



On the way to the blue bridge, can you spot the triangular shaped section of grass? Yes/№
$\left.\begin{array}{l}\text { I } \\ \mathrm{L}----------------\quad \text { । } \\ \mathrm{L} 2---------------7\end{array}\right]$
On the way to the blue bridge, can you spot the triangular shaped section of grass? Yes/No

What is the Maths word used to describe the shape of the section of grass?

Walk on to the edge of the blue bridge:

## Station 8 - Stop and Solve



What is the shape of the blue bridge?
Draw the blue bridge as though you were looking down from the sky

How many grey rectangles make up the path on the blue bridge?

| Bonus: Are there more little circles than squares on the
| blue bridge?

## Station 8 - Stop and Solve



Estimate the angles on the blue bridge.

Do you notice anything interesting about the angles?

Is there any symmetry on the blue bridge?

How many little circular holes are there on the bridge?


DO NOT CROSS the blue bridge but instead walk on toward the end of the lake and veer left around the lake toward the stone bridge until you can see the beech hedge and the baseball pitch

## Station 9 - Stop and Solve



Now make the VERY short walk to the tree beside the next bench:

## Station 10 - Stop and Solve



I How wide around is the trunk of the tree?



How wide around is the trunk of the tree?

Estimate how many branches are on the tree.

Walk to and over the big stone bridge:


Walk from the big stone bridge toward the wood:

## Station 11 - Stop and Solve



## How many pairs of trees can you see?

Is the bench half way from the bridge to the wood?

I Are the trees lining the path equally spaced?

Estimate the angle at which the tree is leaning.

Write the Maths word for the angle.

Walk over the little stone bridge, through the wood to the clearing:


## Station 12 - Stop and Solve



How many cone shaped trees are there?
How many little trees and how many big trees are there?

How many sphere shaped trees can you see?

How many different types of trees can you see?

Walk on until you arrive outside the pet farm (there is no need to go in!):

## Station 13 - Stop and Solve



How many pigs are on the gate?
Name/draw the different shapes in the gate/posts.

How long is the pet farm open each day?

Count and name the shapes on the gate and gateway.
Name/draw any symmetries you can see.

## Are the diamonds squares?

How many minutes is the pet farm open each day?

Walk on to the flower garden and find this Maths shape: Can you name the shapes in it?


## Station 14 - Stop and Solve



How much bigger is the biggest flower bed than the smallest flower bed?

Is the centre piece of the grass part of the garden a circle?

How did you work it out?

Look at the flower bed and write down the colour you see most of.


Find the following shapes in the rose garden: Hemisphere, hexagon, trapezium, circle, cuboid, sphere.

How long is it from the middle of the circle to the outside edge?

How long is the outside edge of the circle?

Pick one set of rose beds. Work out the average number of roses in that bed.

Walk past the pet farm and follow the path to the Famine Commemorative Arboretum:

## Station 15 - Stop and Solve




Walk around the path toward the playground sign but don't go in!

## Station 16- Stop and Solve



Keep walking back toward the exit but stop at the next bench:

## Station 17 - Stop and Solve



How many bits of wood make up the bench?


How many cuboids do you see in the bench?
Are they all identical? Explain.
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Continue to the junction with 6 paths and turn to the path with the exercise machines:

## Station 18 - Stop and Solve



## emepe


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THE TRAIL IS DONE AND MATTIE HOPES YOU HAD SOME FUN!

Another great place for using your Maths eyes in the park is the playground. Write down all the Maths you see the next time you are there!!

In association with:

## the Echo

