



Sean Walsh Park Maths Eyes Trial Sunday October 23rd

Mattie will guide your way while you walk through the park!

This trail begins at the entrance to the sensory garden in the Sean Walsh Park. There are three levels of questions coloured coded as follows;

Level 1 **Green (Suitable for young children)**

Level 2 **Red (Suitable for those in primary school)**

Level 3 **Blue (Suitable for older children and adults)**

Start your Maths Trail



Walk towards the red bridge which is the first stop

Station 1—Stop and Solve!



Level 1

How many red
pyramids can you count
on the bridge?



Level 2

What maths word
would describe how the
railing on the bridge are
set up in relation to
each other?

Level 3

How many right
angle triangles
support the bridge?



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 this at your own risk.

Station 2—Stop and Solve!



Level 1

How many rectangles allow you to have a rest?



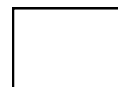
Level 2

Find a leaf that is symmetrical.



Level 3

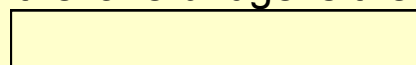
Work out the height of the tree marked with an X. Estimate the size of the trunk of the same tree.



Station 3—Activity

Activity for you to do:

1. Check out if the slope on each side of the lake bridge is the same (Hint: use the ball provided)



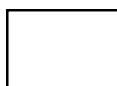
Continue to walk towards the lake. There are tasks for you to complete.

Station 4—Stop and Solve!



Level 1

How many big red squares can you find?



Level 2

Name the different shapes of the stones on the path around the lake.



Level 3

Where do you see an ellipse?



<p>Level 1</p> <p>How many small yellow triangles can you find?</p> <input type="text"/>	<p>Level 2</p> <p>How many cylinders are there on the benches around the lake?</p> <input type="text"/>	<p>Level 3</p> <p>What colour are the parallel bars around the park?</p> <input type="text"/>
<p>Level 1</p> <p>How many of the benches around the lake have backs?</p> <input type="text"/>	<p>Level 2</p> <p>Find a tree shaped like a triangle.</p> <p>Please tick</p> <input type="text"/>	<p>Level 3</p> <p>How many right angles can you spot around the lake?</p> <input type="text"/>

Activities for you to do around the lake:

Level 1

- How many kiddie steps does it take to walk around the lake?
- Tick the box when you find the house that is painted with the colour of the sky

Level 2

- Work out how many wooden slats are on the top of the red bridge.
- Draw the shape of the weir.

Level 3

- Work out how much metal is used to make the cylinders of the benches with no backs around the lake.

Volume of Cylinder = $\pi r^2 h$



Walk towards the red bridge which is the next stop



Station 5—Stop and Solve!

<p>Level 1</p> <p>What shape is under your feet?</p> <input type="text"/>	<p>Level 2</p> <p>What shape is the bridge?</p> <input type="text"/>	<p>Level 3</p> <p>How many rectangles are hidden in the circles?</p> <input type="text"/>
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Walk along the bark mulched path



Level 1

Find a pyramid in the sky

Please tick

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Level 2

How many different types of ducks can you see?

Level 3

The bark mulch is 10cm thick how much mulch was used to cover the path?



Refresh and have a rest—play some games

Station 6—Stop and Solve!



Level 1

Count how long it takes for your duck to swim to the lake

Level 2

Work out in kiddie steps how far your duck has to swim

Level 3

Work out the speed your duck swims at.

Station 7—Stop and Solve!



Level 1

How many cones with red balls on top can you see?

Level 2

How many trees shaped like a corkscrew can you see?

Level 3

How many ellipses are in the garden?



The trail is done
Mattie hopes you had some fun!