Maypark
Maths Eyes Trail
(Older children and adults)

Mattie will guide you while you walk through the park!

This trail begins near the pedestrian gate entrance to Maypark on Killester Avenue.

Notes for adults (teachers/tutors/parents) helping people doing the trail:

- The key idea with this maths trail is that all the people using it can feel involved and gain confidence from trying to give responses to the questions. There can be more than one opinion/answer and some of the best learning can take place when more than one opinion is considered and discussed.

- Possible extension activities after doing the maths trail.

    1. Try to categorise each of the questions in the trail into one of these 4 categories:

        Quantity and Number; Shape and Space; Pattern and Relationships; Data and Chance.

    2. Try to devise their own Maths Trail questions using the existing posts.

- If you want to learn more about using your Maths Eyes please visit http://www.haveyougotmathseyes.com/

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.

Maths Eyes Trail (<u>Older children and adults</u>)

Start your Maths Trail!

Station	Prompts
1	**Estimate the height of the tall narrow trees.**
2	**a. Can you quickly calculate the number of orange planks in the fence around all-weather pitch/court?** **How did you do it?** **b. Estimate the dimensions of the all-weather pitch/court.** **How did you do it?**
3	**a. Is there an odd or even number of trees in the clump?** **Is the number prime?** **b. Estimate the difference in the circumferences of the trunks of the biggest tree and the smallest tree in this clump of trees.**
4	**a. How much longer do the lights stay green for the main road than for the side roads?** **b. Will the light sequence for the junction always be the same?**

Station	Prompts
5	In two minutes: a. How many vehicles have more than one occupant? b. Estimate the ratio of the number of vehicles that travel up the road to the number of vehicles that travel down the road. Will this be the same all day? If not why not?
6	Name all the 2-D and 3-D shapes you can see in the bench and the fence behind the bench (there are lots!).
7	a. How many of the little trees beside the path are vertical? b. Are the lights all vertical? c. Can you estimate the total distance from the first tree to the last tree in this row of trees? How did you do it?
8	a. Does the path bisect the park? b. Estimate the number of different types of trees you can see in the park.

Station	Prompts
9	a. Can you spot a pattern in the chimneys in the blocks of houses you can see opposite the park? What is it? b. Estimate how many people might live in the houses you can see opposite the park. How did you do it?
10	a. How many semi-circles can you see in the playground? b. Are all the slides the same slope? c. Is the spiderweb climbing frame the tallest thing in the playground? Are you sure?
11	a. Name all the 3-D shapes in the playground. b. Estimate the number of semi-circles you can see in the fence around the playground. How did you do it?
12	a. What letters on the club sign are symmetrical? b. Which letter has the most symmetry? c. Are there more vowels or consonants on the sign?

The trail is done, Mattie hopes you had some fun!!