St Dominic's Ballyfermot

Maths Trail for ALL!

Describe your maths eyes initiative/project

“As part of our Maths Eyes project, we designed our very own Ballyfermot Maths Trail in our local park.

This project aims to provide the people of Ballyfermot with a fun and interactive activity to enable them to do Maths in their local community. This allows people to identify the maths present in their local park while also helping them to adopt a positive attitude towards maths as they realise that in fact they can do maths while also having fun!

The Trail consists of three sets of questions aimed towards early primary school students, late primary/early secondary school students and late secondary school students.

We adopted a digital approach to the design of the Trail through the use of QR codes. In order to access the Trail questions, you scan the relevant QR code from the Maths Eyes post located at various locations within the park on your phone. This eliminates the need to print any documents prior to carrying out the activity. Our Maths Trail has been designed by the TY students of St Dominic's College in collaboration with IT Tallaght and Dublin City Council. Topics featured in the Trail questions include; Space, Shapes, Measure, Time, Probability, Statistics, Ratio & Proportion, Time and Geometry. “

Describe your favourite part of doing this project

“Our Favourite part of the project was the field research where the students were required to go out into the local park and identify the Maths all around them.

We found this most enjoyable as the students themselves were surprised at how much maths there was present in their local park and their own mathematical ability to identify capture, discuss and analyse the mathematical data.

The students enjoyed coming up with different questions to suit each level as it provided them with a sense of responsibility and ownership of their Maths Trail.’’

St. Dominic's College Ballyfermot

Dublin City Council

TU Dublin Tallaght Campus

maths eyes

Waterford Institute *of* Technology

maths eyes

NATIONAL FORUM FOR THE ENHANCEMENT OF TEACHING AND LEARNING IN HIGHER EDUCATION

Maths Week Ireland


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