

Govan Mbeki Maths Development Centre

MATH • ART • COMPETITION

2019 Competition
2 March - 3 May

ENTRY IS FREE

All grade 8,9,10,11 and 12 learners are invited to enter the competition

WINNERS WILL BE ANNOUNCED

17 MAY 2019

only the winners will be notified by sms/email

PRIZEGIVING

25 MAY 2018

THEME

Man-made vs Nature



Enter a 2D artwork linking Maths to Man-made structures or Maths in Nature

Queries / entry forms available at MathArt@mandela.ac.za

NELSON MANDELA
UNIVERSITY

GMMDC
Govan Mbeki Mathematics
Development Centre
empowering young minds

There is so much math in art and so much art in math!!

With this Math Art competition, you have a chance to explore the connection between Maths and Art and become creative. Your exploration can make use of any visual medium, including photography, drawing, painting, collage, and mixed media. There are two categories that you can enter:

All grade 8 to 12 learners are invited to enter the competition.

Manmade Designs



In this category, we are looking for mathematics in the designs created by humans. Here you can interpret the theme of art and maths in many ways, and look at maths that exists in everyday objects e.g. buildings, vehicles, logo's, cultural symbols, decorations, etc.

Nature



In this category, artworks must explore the relationship between nature and maths e.g. mathematical patterns in flowers, animals, mountains, etc.

The organisers withhold the right to change the categories of the entries.

Judging criteria

Art works in both categories will be judged on the following:

- Level of experimentation and new mathematics ideas
- Creative use of maths
- Message or meaning of the work
- Completeness of the work
- Originality of the work (not copied from the internet or someone else)

How to enter:

Each person may enter only one piece of art in only one of the categories.

The Artwork must be mostly two dimensional and must be no smaller than an A4 (21 x 29 cm) and no bigger than A2 (42 x 59 cm). If relief work is used it may be no thicker than 2 cm. Any medium or combination thereof may be used on the artwork but keep in mind that the artwork must be preferably be attached to a cardboard backing.

Please note that the artwork will hang during judging and any parts that are pasted on must be securely fixed. The GMMDC will not be liable for the loss of any items from the artworks.

The answers to the questions must be secured to the back of the artwork in which you describe the link between the artwork and math used.

Prizes:

Prizes for the winners include: 8" tablets, cellphones, Art classes and more

Important dates: Closing date for entries: 3 May 2019. Entries must reach the GMMDC on or before 4 May. No late entries will be accepted.

Winners will be announced: 17 May 2019 (only the winners will be notified via sms/email)

Prizegiving: 24 May 2019

Entry Fee: FREE

Entries will only be returned to participants if they are collected from the GMMDC offices in Bird Street between 18 to 21 June 2019 per prior arrangement OR if the participant arranges for a courier.

Competition rules:

1. **No name** of the learner or school may appear on the front of the artwork.
2. The **following must appear on the back** of the artwork:
 - Completed entry form
 - Answers to the questions
3. The judge's decision is final and no correspondence will be entered into.
4. Selected artworks, as well as the winning entries, will be displayed for parents and other interested parties from 18 May – 8 June (venue to be confirmed).
5. Artwork that does not meet the criteria will be disqualified.
6. Computer generated graphics, as well as copies from the internet, **will not be accepted**. All entries must be the artist's own work.
7. Prize winners must be available for a photo session with their artwork.
8. The GMMDC holds the right to use any of the artwork or images thereof.

Direct any queries to:

Carine Steyn 041- 504 2935

or email **MathArt@mandela.ac.za**

ENTRY FORM (tear this page off and attach to the back of your artwork)

PERSONAL INFORMATION			
First name			
Surname			
Postal address			
Province			
Contact cell no			
E mail address			
Date of Birth	Year	Month	Day
Name and contact number of parent/ guardian:			
ARTWORK INFORMATION			
Artwork Title			
Category (Draw a cross in the relevant block)	Manmade Designs	Nature	
Age category (Draw a cross in the relevant block)	gr 8 – 9 (u/16)	gr 10 - 12	
SCHOOL INFORMATION			
Grade			
School			
Teacher name and contact number:			

QUESTIONS: Answer the following questions on folio paper to describe the link between your artwork and Mathematics. These answers must be attached to your artwork together with this entry form.

1. Which maths did you use?
2. How does your drawing link to the category/theme?
3. What makes your artwork unique/special?
4. Why did you choose this topic?
5. Which source/s or references did you use in designing your artwork?