



Republic of the Philippines
Department of Education
National Capital Region
DIVISION OF CITY SCHOOLS
City of Mandaluyong

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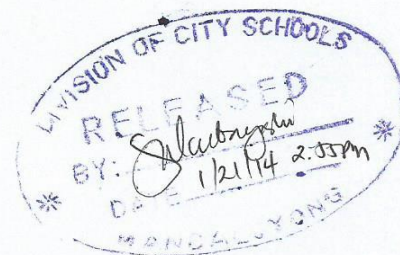


MEMORANDUM

TO: OIC, Asst. Schools Division Superintendent
Education Program Supervisors
Principals, Public and Private Secondary Schools

Subject: **9TH TIP MANILA MATHGALING CHALLENGE**

Date: January 20, 2014




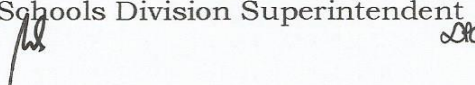
Attached is a letter of Engr. Gerardo Malab, Chair, Math and Physics Department, Technological Institute of the Philippines, inviting participation of both public and private 4th year students in the **9th TIP Manila Mathgaling Challenge** on **February 3, 2014** at **P. Casal Seminar Room, 10:00 AM – 5:00 PM.**

Enclosed are the guidelines for the competition.

Participation is voluntary and observance of **No Disruption of Classes Policy** shall be observed.

Wide and immediate dissemination of this **Memorandum** is desired.


EVANGELINE P. LADINES
Officer-In-Charge
Schools Division Superintendent

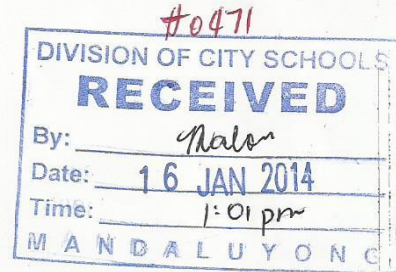




**TECHNOLOGICAL
INSTITUTE OF THE
PHILIPPINES**

January 10, 2014

**DR. EVANGELINE T. LADINES
SCHOOL DIVISION SUPERINTENDENT
DEPED DIVISION OF CITY SCHOOLS - MANDALUYONG CITY**



Dear Madam:

The College of Engineering and Architecture of the Technological Institute of the Philippines (TIP), Manila Campus will conduct the **9th TIP Manila Mathgaling Challenge on February 3, 2014** at P. Casal Seminar Room from **8AM- 5PM**. The event aims to inspire greater interest in Mathematics among the high school students and to encourage the students and teachers to strive for excellence in mathematics.

In this regard, we would like to request for endorsement of the said activity to both public and private secondary schools for their participation. The competition is open to all 4th year students / Grade 10 students. Each high school may send two (2) representatives. One (1) coach should accompany the team to represent the school. Registration is **FREE**. Certificates, partial scholarship grants and cash prizes will be awarded to the winners. The participating school may confirm or send their entry to the following:

Fax number: 736-2580

Email Address: marquez_maya@yahoo.com

Telephone numbers: 733.9117 loc 130 / 736.2580

Contact person: Liezel or KC 102

Please see enclosed contest guidelines. We look forward to seeing you and your students at our 9th TIP Math Galing Challenge.

Truly yours,

ENGR. GERARDO MALAB
Chair, Math and Physics Department

Noted by:

ENGR. FLORANTE A. MAGNAYE
Dean of the College of Engineering and Architecture

Registration | 9TH TIP Manila Math Galing Challenge

Fax to: 736.2580

Name of School: _____

Coach / Signature: _____

Email Address: _____ Contact Number: _____

Participants: 1. _____ Contact number: _____

2. _____ Contact number: _____

Certified by:

Principal / School Head
(Print Name and Signature)

IMPORTANT:

- Deadline of Submission: January 30, 2014.

DESCRIPTION AND GENERAL RULES

In recognition to the importance of mathematics in all sciences, technology and in the general education of young people and with the aim of enhancing the mathematical skills among them, MaPS has organized this annual competition for high school students.

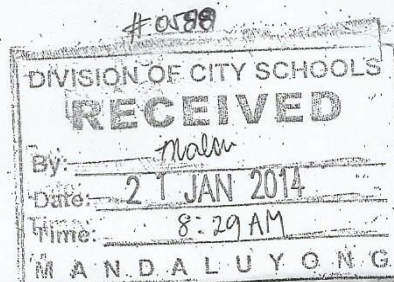
- Each participating school may send a maximum of two official contestants to be accompanied by a teacher-coach. The contestant/s shall be bonafide 4th year graduating high school students of national or technical secondary schools i.e., schools that are not considered technical colleges.
- Participating schools are allowed to bring other student-spectators aside from the contestant/s provided the list of names of additional students is forwarded to the TIP-Manila Admission & Marketing Office or Math & Physics Department prior to the scheduled date.
- Contestant/s and student-spectators shall wear their proper and complete school uniform and ID. Freebies during the contest will only be available to the contestant/s, and teacher-coach.

MECHANICS OF THE GAME

- The quiz show consists of topics in Geometry, Statistics, Algebra, Trigonometry, Probability, and Calculus.
- The contest will be divided into two (2) rounds: the Elimination round and the Final round.
- The Elimination round will be in written problem solving form.
- The Final round will be conducted in an oral format.
- The quiz show's final round will have three rounds: Easy, Average, and Difficult. There are ten questions for each round.
- In case of a tie, the contestant with the most number of correct answers in the difficult round shall be announced winner; if there is still a tie, the contestant with the most number of correct answers in the average round will be announced winner; if in case there is still a tie, the match shall go to a sudden death format among the contestants concerned. The first to answer the question correctly shall be declared winner of the tie.
- Only contestants and their respective coaches shall be allowed to file a protest.
- Protest regarding the question should be raised before the next question is asked. The judges' decision is final and unappealable.
- Contestants are allowed to bring one non-programmable calculator. The organizer will provide answer sheets, scratch paper and pens for the contestants.

ELIMINATION ROUND

- The elimination round shall be in the form of an individual written problem solving of a set of given questions.
- The contestants shall be given 1 hour to answer the questions.
- Each contestant must write his/her final answer in the answer sheet provided. Unless otherwise stated, all answers must be in simplest form.
- The following cases will be considered as incorrect answer.
 - An answer not in simplest form (unless otherwise stated)
 - An answer without the correct units or with incorrect units (even with correct values)
- Misbehavior of a contestant during the elimination, as determined by the proctors, is sufficient condition for the disqualification of the contestant concerned.
- No questions shall be entertained during the examination.
- The contestant's score shall be determined by the total points from the correct answer minus half worth of the incorrect answer.
- The ten (10) contestants with the highest total scores shall advance to the Final round. If a tie exists for the 10th slot, the slot shall go to the contestant with the most correct percentage, that is, the contestant with the most number of questions answered correctly, regardless of the points.



9th Math Galing Challenge General Rules & Mechanics | 2014**FINAL ROUND**

- ✓ The contest rules and regulations shall be announced before the contest starts.
- ✓ Contestants who fail to appear on the venue after the formal presentation of the participants shall be announced disqualified.
- ✓ Thirty (30) questions, divided as easy, average and difficult questions shall be given to the top 10 teams. Ten easy questions worth 3 points each, with 30 seconds allotted time to answer each question shall be given. Scratch papers and calculators are not allowed. Ten average questions worth 5 points each, with 60 seconds allotted time to answer the questions shall be given. Calculators are not allowed. However, scratch papers will be given. Ten difficult questions, each worth 7 points, with 90 seconds allotted time to answer each question shall be given. The use of calculators and scratch papers are allowed.
- ✓ Questions will be displayed on the projector. The arrangement of the contestant position during the contest will be determined by their eye condition.
- ✓ Contestants shall write their final answer on the official sheet provided by the Quiz Show Committee and must be raised once the time is up.
- ✓ For problem solving, the following cases will be considered as *incorrect answer*.
 - An answer is NOT in two decimal places (unless otherwise stated)
 - An answer is NOT in the simplest form (unless otherwise stated)
 - An answer without the correct units or with incorrect units (even with correct values)
- ✓ If the final answer is word/s or phrase/s, incorrect spelling, capitalization, and punctuation shall not be considered.
- ✓ Coaching and giving audible or visible signals or answers from the audience will result in the invalidation of the question.
- ✓ Judges decision is final and irrevocable.

PRIZES

- ✓ There will be three winners for the competition, which are as follows: Champion, 1st Runner-up and 2nd Runner-up.
- ✓ The winners shall receive the following prizes:
 - Champion - cash prize + certificate + medal
 - 1st Runner-up - cash prize + certificate + medal
 - 2nd Runner-up - cash prize + certificate + medal
- ✓ All participants will be given certificate of participation.
- * The organizers have the prerogative to modify the prizes, rules and regulations of the competition as needed.

G. C. DALAR
1/21/14