



Republic of the Philippines  
**Department of Education**



**Tanggapan ng Kalihim**  
*Office of the Secretary*

AUG 06 2008

DepED MEMORANDUM  
No. **366**, s. 2008

11<sup>TH</sup> PHILIPPINE MATHEMATICAL OLYMPIAD

To: Bureau Directors  
Regional Directors  
Schools Division/City Superintendents  
Heads, Public and Private Secondary Schools

1. The Mathematical Society of the Philippines (MSP), the Department of Science and Technology-Science Education Institute (DOST-SEI), and the Department of Education (DepED) announce the conduct of the 11<sup>th</sup> Philippine Mathematical Olympiad (PMO) from October 2008 to January 2009.

2. The PMO is the oldest and most prestigious nationwide mathematics competition among secondary students, both public and private. It aims to:

- a. stimulate the improvement of mathematics education in the country by awakening greater interest in and appreciation of mathematics among students and teachers and gaining insights into the levels of mathematics learning;
- b. identify and motivate the mathematically gifted;
- c. identify potential participants to the International Mathematical Olympiad;
- d. provide a vehicle for the professional growth of teachers; and
- e. encourage the involvement of public and private sectors in the concerted promotion and development of mathematics education.

3. The 11<sup>th</sup> PMO shall be carried out in three (3) stages:

- a. **Qualifying Stage:** (October 18, 2008) The elimination stage is a two (2) hour multiple choice examination consisting of 30 questions, 15 of these questions are worth 2 points each, 10 are worth 3 points each and 5 are worth 6 points each. The competition will be between high school students in each area (Luzon, Visayas, Mindanao and NCR). There will be at least one testing site in each of the regions with qualifying participants.
- b. **Area Stage:** (November 22, 2008) The area stage is a three (3) hour competition consisting of 20 questions worth 2 points each and 3 open ended questions worth 8 points each. There will be testing centers in each of the regions with qualifying participants.
- c. **National Stage:** (January 24, 2009) The national stage is a written and oral competition between the top twenty participants (national ranking) of the area stage. This competition will be held in Metro Manila.

4. The details regarding the contest are enclosed.
5. For more information, please contact Evangelina P. Bautista, Ph.D. Director, PMO at tel. no. (02) 426-6125 or through e-mail address: [pmo@math.admu.edu.ph](mailto:pmo@math.admu.edu.ph).
6. Immediate and wide dissemination of this Memorandum is desired.

  
**TEODOSIO C. SANGIL, JR.**  
Undersecretary  
Officer-in-Charge

Encl.:

As stated

Reference:

DepED Memorandum: No. 301, s. 2000

Allotment: 1—(D.O. 50-97)

To be indicated in the Perpetual Index  
under the following subjects:

CONTESTS  
STUDENTS

Sheila: MPPD-TS, DM 11<sup>th</sup> PMO  
July 25, 2008

### **I. General Guidelines for the Qualifying and Area Stage**

This competition shall be open to all qualified students from secondary school within the country. Each contestant will be charged a minimal amount of 50 pesos upon registration. The detailed guidelines are as follows:

- Any bona fide student of a secondary school (public or private) with a final grade of at least 88% (or its equivalent) in mathematics in the previous school year may be recommended by his/her school to participate.
- Every secondary school (public or private) may send at most 8 students to participate.
- The competition is open to all students of the four year levels (1, II, III, IV).
- In the qualifying stage, each participant is given 120 minutes to answer a 30 item multiple choice exam. Fifteen of the 30 questions will be worth 2 points each, 10 will be worth three points each and 5 will be worth 6 points each.
- The top fifty participants per area (Luzon, Visayas, Mindanao, NCR) will then proceed to the area stage of the competition.
- In the area stage, each participant is given 180 minutes to answer twenty questions worth 2 points each and three open-ended questions. A correct answer in the fill-in-the-blank worth 8 points each.
- The participants with the three highest scores will be declared as the winners in their respective areas and be awarded certificates.

### **II. General Guidelines for the National Stage**

The national stage will be held in Metro Manila and the guidelines are as follows:

- The students with the top twenty scores in the area stage (national ranking) will qualify to the national stage.
- The national stage is divided into two phases: the written phase and the oral phase.
- In the written phase of the competition, the qualifiers will be given 3 hours to answer 5 questions.
- In the oral phase, of the competition, 30 questions are to be given orally in a public presentation to the participants. These questions are to be answered within a specified time for each item.
- The participants will be ranked according to the following basis:
  - o 70% - score from written phase
  - o 30% - score from oral phase
- The top three participants together with their coaches shall receive awards.

### III. Awards and Prizes for the PMO

#### Area Stage

1 <sup>st</sup> Place	Student	Certificate
	Coach	Certificate
	School	Certificate

2nd Place	Student	Certificate
	Coach	Certificate
	School	Certificate

3rd Place	Student	Certificate
	Coach	Certificate
	School	Certificate

#### National Stage

1 <sup>st</sup> Place	Student	P15000 and trophy
	Coach	P5000 and certificate
	School	Certificate

2 <sup>nd</sup> Place	Student	P10000 and trophy
	Coach	P3000 and certificate
	School	Certificate

3 <sup>rd</sup> Place	Student	P5000 and trophy
	Coach	P2000 and certificate
	School	Certificate

**PMO Regional Coordinators**

<b>Region</b>	<b>Contact Person &amp; Info</b>	<b>Affiliation</b>
1	<b>Divina Lara</b> anividaral@yahoo.com	St. Louis University Baguio City
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3	<b>Jumar Valdez</b> jumarvaldez@yahoo.com	Tarlac State University Tarlac City
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