REGISTRATION INFORMATION

School Information:
School Name: ___________________________________________
Mailing Address: _________________________________________
_______________________________________________________
_______________________________________________________
Region: _________________________________________________
School Phone/Fax No.: _________________________________
Email Address: _________________________________________

School Math Coordinator:
Full name: _____________________________________________
Phone No.: ___________________________________________
Email Address: _________________________________________

Participants Information:

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<tr>
<th>Name of Participants</th>
<th>Current Year Level (SY 2019-20)</th>
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Note: In case you need more of this form, please reproduce.

REGISTRATION PROCEDURE

1. The entry fee for each participant in competition is Php900.00 only.

2. FOR THE DEPOSITOR/PARTICIPANTS:
   Please deposit your payment to:
   Bank Name: BPI (Zamboanga City Branch)
   Account Name: Phil Board of Studies Foundation Inc.
   Peso Account No.: 2111-0217-27
   Depositor should write the participant’s complete name, year level based on the school year 2019-2020, school name, and kind of contest to be participated (2019 International Mathematics Assessments for Schools) on the deposit slip and ENDORSE it to your respective school Math Coordinator.

3. FOR THE MATH COORDINATOR:
   Math Coordinator will collate all the deposit slips and submit together with the Registration Form to the PBOSF Office:
   JEROME SALAZAR
   c/o Zamboanga Chong Hua High School
   Gen. Vicente Alvarez St.
   Zamboanga City, 7000
   Tel. No.: +63 917 848 3418
   Note: We will not accept deposit slip and registration form sent thru fax or email

4. Do not assume that once the deposit has been made, your entry will be automatically registered in our databank. We will only process and include your name as an official participant to the 2019 International Mathematics Assessments for Schools (IMAS) only when we receive the original deposit slip with complete data of the registration form sent to us.

5. We do not accept any registration filed by individual student. It must be made through the recommendation of the school duly endorsed & signed by the Principal/Math Coordinator.

6. Please always visit the website http://www.philboardstudies.ph for announcements and updates.

PBOSF REGRETS THAT NO REGISTRATION REFUNDS ARE ALLOWED.

Registration ends on NOVEMBER 29, 2019
INTRODUCTION

International Mathematics Assessment for Schools (IMAS) is a world class mathematics assessment test for middle primary, upper primary, junior secondary and senior secondary students. The test is organized by the IMAS Executive Council.

The organizer strongly feels a need to conduct a mathematics assessment test among schools, countries and regions to test the students' achievements in mathematics problem solving and to serve as a guide paper for students who wish to improve their ability in this field. This test serves as one of the motivating factors attracting students not only to test their abilities in mathematics but also to challenge their abilities in broadening their mathematical scope.

AIMS AND OBJECTIVES

The aims of IMAS are:
1. Provide an achievement test in mathematics for all students and a mathematics competition for students with good performance;
2. Develop a world class mathematics assessment with international perspective measuring students' performances in three cognitive dimensions: Knowing, Applying and Reasoning at Middle Primary (Grade 3 and 4), Upper Primary (Grade 5 and 6) and Junior Secondary (Grade 7 and 8) level; and
3. Promote effective learning of mathematics in both primary and secondary schools through a publicly recognized performance measuring platform.

The objectives of IMAS are:
1. Inform stakeholders, i.e. students, teachers and parents, of the performances of the students in mathematics at different levels of attainment in well defined reports;
2. Better serve the needs of students through a more user friendly format of perennial assessment that offers options for participants in terms of topics as well as difficulties of materials being assessed through a public mathematics assessment which will be held once a year; and
3. Usher in an innovative assessment culture, i.e. participants can choose when they would like to sit for the assessment of content as well as the level of difficulty of the items being assessed. Participants take the initiative in assessing their competencies and capabilities.

ADVANTAGE:

The top-scored IMAS participants, performing excellently in other MTG training programs, are given the utmost priority to represent the Philippines in the following contests:
- Po Leung Kuk Primary Mathematics World Contest
- Elementary Mathematics International Competition
- Invitational World Youth Mathematics Inter-cities Competition

ORGANIZER

The IMAS is organized by the body of Executive Council composed of:
- Mr. Cheng, Chun Chor Litwin – Senior Lecturer of the Hong Kong Institute of Education, Hong Kong;
- Prof Sun Wen-Hsien – President of Chiu Chang Mathematics Foundation;
- Dr. Promote Kajornpai – Supervisor Specialist, Office of the Basic Education (OBEC) Ministry of Education, Thailand;
- Ms. Elvira SH – Head of Primary School Teacher and Education Personnel Division, Indonesia;
- Mr. Simon Chua – Chief Operating Officer of Mathematics Trainers’ Guild, Philippines.

Under the direction of IMAS Council, an Academic Committee is formed to administer the operation of the mathematics test. The membership of the committee are as follows:

Academic advisors:
1. Prof. Zhang Jingzhong - Fellow, Chinese Academy of Sciences
2. Mr. Cheung Pak Hong - Former Principal, Munsang College (Hong Kong)

Members:
1. Prof. Zhu Huawei - Director, Guangzhou Institute of Educational Research, China.
2. Prof. Simon Chua - Chief Operating Officer, Mathematics Trainers’ Guild, Philippines.
3. Mr. Wen-Hsien Sun - President, Chiu Chang Mathematics Education Foundation, Taiwan.
4. Mr. Zheng Huain - Lecturer, Guangzhou University, China.
5. Mr. Cheng, Chun Chor Litwin - Retired Senior Lecturer, Hong Kong Institute of Education, Hong Kong.
6. Mr. Vladaslav Marinov - Project Manager, Aero Scout Enterprise Visibility Solutions, Bulgaria
7. Mr. Renard Eric Chua - Business Manager and Facilitator for several Training Program, Mathematics Trainers’ Guild, Philippines.

Other members are the research team headed by Prof. Zhu Huawei and specialists endorsed by individual participating countries. All other participating countries in the first IMAS will be invited as official members of IMAS in 2019-2020.

FORMAT OF THE ASSESSMENT AND AWARD

The first round of IMAS is for all participants, and the second round is for students who perform well in the first round. The format of the tests in each round is as follows, with the sample question included at the appendix.

1. First Round of IMAS – Twenty-five problems will be given. The participants are given one hour to finish the ability test. The first twenty problems are in Multiple-Choice type while the last five problems require integer answers between 0 and 999 inclusive. The distribution of the problems are: Problems 1 to 10, classified as EASY category, each correct answer is given 3 points; Problems 11 to 20, classified as AVERAGE category of which each correct answer will be given 4 points while Problems 21 to 25, CHALLENGE category, every correct answer will be given 6 points.

To encourage students to work mathematics and to recognize students’ achievement, the IMAS will provide award for students entering the tests. The level of awards of individual student is relative to the performance of other students in their country, of the same year level during the first round of IMAS. The award scheme is as follows:

- High Distinction - Student whose score is above 95 percentile
- Distinction -Student whose score is above 85 and below 95 percentile
- Credit - Student whose score is above 50 and below 85 percentile
- Participation - Student whose score is below the 50 percentile

Every participant is awarded with a certificate with a personal report. The IMAS individual certificate means a lot to the participant as it promotes positive effects about one's performance based on the given assessment. The report will be in the form of standards of achievement, informing the participant their achievement in addition to the percentile rank. Assessment results could facilitate learning when strengths and weaknesses of their performance are identified. This information can be shared with mathematics teachers in the region via the feedback loop in seminar and workshops.

2. The Second Round of IMAS is conducted for those students who achieved to be in the top 10% of all participants of each country. In this test, there are fifteen problems: Problems 1 to 5 are multiple choice type where each correct answer will be given 4 points, Problems 6 to 13 call for short answers where each correct answer will be given 5 points, and Problems 14 to 15 call for detailed solution (or working process) and full mark of each correct answer is 20, partial marks may be given for incomplete answer.

In each participating country, the participants whose scores are in the top 5% percentile will be awarded with a Gold Medal; participants in the top 6% to 15% percentile will be awarded with a Silver Medal and each participant whose score is in the top 16% to 30% percentile will receive a Bronze Medal.

IMAS ENTRANCE QUALIFICATION

There are no preset requirements for students wanting to participate in the assessment test. Students may sit for a higher level assessment test which they find suitable. That is, a student could sit for an assessment test higher or lower level, for example, a Primary 3 student may sit for the Upper Primary assessment test. This opens up the frontier for the bright and abled students to test their abilities through a public recognized measurement. The IMAS is meant to support the advancement of gifted education proposed by many countries.

SCHEDULE OF THE IMAS

There are two rounds of IMAS test in one academic year. The first round of IMAS will be conducted on 30th of November for middle primary, upper primary and lower secondary students while the second round of IMAS will be conducted in the succeeding year in the first week of March.