



Republic of the Philippines
Department of Education
Region IV-A CALABARZON



Division Advisory No. 170 s. 2017
November 13, 2017

Attached is Advisory No. 280 s. 2017 Re: INTER-ELEMENTARY MATH QUIZ 2018 OF THE SOCIETY OF APPLIED MATHEMATICS OF THE UNIVERSITY OF THE PHILIPPINES LOS BANOS, the contents of which are self-explanatory.

For the information and guidance of all concerned.

MERTHEL M. EVARDOME, CESO VI
Schools Division Superintendent

DEPED BUEZON ICT
UPLOADED BY: Gian
DATE: 11/16/17 TIME: 11:27
REFERENCE NO: DA170-17

Bawat bata kinakalinga!



Advisory No. 280, s. 2017

October 30, 2017

In compliance with DepEd Order (DO) No. 8, s. 2013
this advisory is issued not for endorsement per DO 28, s. 2001,
but only for the information of DepEd officials,
personnel/staff, as well as the concerned public.
(Visit www.deped.gov.ph)

INTER-ELEMENTARY MATH QUIZ 2018 OF THE SOCIETY OF APPLIED
MATHEMATICS OF THE UNIVERSITY OF THE PHILIPPINES LOS BAÑOS

The Society of Applied Mathematics of the University of the Philippines (SAM-UP) Los Baños will conduct the Inter-Elementary Math Quiz (IEMQ) 2018 with the theme *Interstellar: Unlocking the Cosmic Mysteries Through Mathematics* on February 3, 2018 at the University of the Philippines, Los Baños, Laguna.

The contest aims to tap the pupils' mathematical skills and potentials, and to expose them to a healthy and competitive atmosphere.

The target participants are Grades 4 to 6 pupils from both public and private elementary schools nationwide.

Participation of both public and private schools shall be subject to the no-disruption-of-classes policy stipulated in DepEd Order No. 9, s. 2005 entitled *Instituting Measures to Increase Engaged Time-on-Task and Ensuring Compliance Therewith*.

For more information, contact:

- Marie Dominique Yglesias
Head, IEMQ 2018
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- Jan Christian Sigua
AdHoc Committee, IEMQ 2018
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SOCIETY OF APPLIED MATHEMATICS OF UPLB

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October 30, 2017

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To: THE PRINCIPAL

Subject: Invitation for your school to join Inter-Elementary Math Quiz 2018

Ma'am/ Sir:

Greetings!

The **Society of Applied Mathematics of the University of the Philippines Los Baños (SAM-UP)** is an academic organization with the objectives of promoting the relevance of Applied Mathematics, contributing to the advancement of the Philippine society through the appreciation and wider application of Applied Mathematics and other related fields.

Inter-Elementary Mathematics Quiz, also known as **IEMQ**, is a nationwide mathematics quiz competition open to all elementary schools. It aims to enhance students' understanding and appreciation of Mathematics. **IEMQ 2018** is advised by the **Department of Education through DA No. 280, s. 2017**, and will be held on **February 3, 2018** in **UPLB, College, Los Baños, Laguna**.

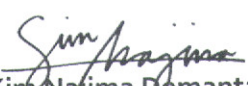
In line with this, we are inviting you to join **IEMQ 2018**. Your participation is highly encouraged and will be greatly appreciated. Attached herewith are the details and the general mechanics of **IEMQ 2018** and the DepEd Advisory.

For inquiries, please contact **Jan Christian Sigua** through **0905 840 6508**. The aforementioned mobile number is the official contact number for **IEMQ 2018**.

We are looking forward for your immediate favorable response. Thank you very much and more power!

Yours truly,


Marie Dominique Yglesias
Event Head, IEMQ 2018


Kim Najima Domantay
Officer-in-Charge



Ana Charizze DL. Aguinaldo
Senior Executive, SAM-UP

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Sir Edd Francis O. Felix
Junior Adviser, SAM-UP


Prof. Jomar F. Rabajante, Dr.Sc.
Senior Adviser, SAM-UP

GENERAL MECHANICS**Description:**

Inter-Elementary Mathematics Quiz Contest 2018, also known as IEMQ 2018, is a mathematics quiz contest open to all elementary schools nationwide. This contest aims to tap students' mathematical skills and potentials, and further expose them to a healthy and competitive atmosphere.

Date:

February 3, 2018 (Saturday)

Venue:

UPLB, College, Laguna

Rules and Regulations:**I. Rules for joining**

- A. This contest is open to all elementary schools nationwide. At most two (2) teams may represent each school. Each team must consist of strictly three (3) representatives (must be bona fide student of the participating school) with one (1) alternate. Students from Grade 4 to Grade 6 levels are allowed to join. The team must also have a member of the school's faculty who will serve as the team coach.
- B. Upon registration, each participant should present the following: a valid ID and a certification attesting that he/she is a bona fide student of the school he/she is representing.
- C. Interested schools should confirm participation on or before December 20, 2017 (Wednesday). Confirmation can be made through SMS, call, or e-mail in any of the contact information within this letter. After a participating school confirmed, a pre-process application form will be sent through e-mail, these forms will be used for faster registration. The team will only be considered registered after paying the registration fee.

Date of Confirmation	Registration Fee
On or Before January 12, 2018 (Friday)	Php900 per team
Later than January 12, 2018 (Friday)	Php1000 per team
REGISTRATION will be on February 3, 2018 at 7:00 A.M. to 8:30 A.M. ONLY	

For those who would pay on or before December 20, 2017 could register at **Php750** per team as a special offer.

A. The Elimination Phase

1. The elimination round is a thirty-question written examination good for ninety (90) minutes.
2. No calculators will be allowed during the exam.
3. The three (3) representatives of each team shall take the examination in the room designated by the facilitators. The alternate will not take the exam.
4. The top fifteen (15) teams with the highest accumulated score will be competing in the final phase.
5. The top fifteen teams will be announced at the start of the final phase.

B. The Final Phase

1. The top 15 from the elimination phase will proceed to the final phase.
2. The final phase will consist of three (3) rounds: the Mental, Pen and Paper, and Jeopardy-Buzzer Round. There will be 10 questions every round. Each round has different time limits relative to the level of difficulty of each question.

Mental Round: 20 seconds

Pen and paper: 30 seconds

Jeopardy-Buzzer: 60 seconds

3. The score of the qualifying teams will reset every round.
4. The alternate can replace one of the three representatives to compete for the final phase. Changing of team members can be done only once. The team that would compete at the start of the final phase should compete for the rest of the event.
5. Only the participants could raise clarifications, questions and protests.

Mental Round

1. There will be ten (10) questions for this round.
2. Every question will be read twice. The participants are allowed to write their answer only after the first reading. The twenty (20) second time limit will start right after the quiz master says "Time starts now".
3. Participants are not allowed to write their solution or make hand gestures in the air or on their chairs in computing the question for this round. Violation of this rule will lead to a warning for the first offense. The team won't be allowed to answer the current question for the second offense and will be disqualified for the third offense.
4. Each question has corresponding points depending on the level of difficulty. A correct answer may earn 3, 2, or 1 point credit. A wrong answer and a no answer will get no deduction. A team can earn a maximum of twenty (20) points for this round.
5. Participants have twenty (20) seconds to answer each question.
6. All final answers must be written on the provided answer sheet and must be encircled and to be given to the proctors assigned for the group after the given time has ended. Otherwise, the team guilty of the offense will be considered to have no answer for that question.
7. Ten (10) teams with the highest accumulated score will be qualified for the next round.

II. Contest Schedule

7:00 A.M. – 8:30 A.M.	Registration
9:00 A.M. – 11:00 A.M.	Elimination Phase
1:00 P.M. – 5:00 P.M.	Final Phase

III. Scope of the Quiz

The quiz contest will cover elementary-level mathematics.

- A. Arithmetic: integers, rational numbers and their representations (fraction, decimal, and percentage), factoring numbers, greatest common divisor, least common multiple, number ordering, and ratio and proportion
- B. Geometry: angle and its measure, area and perimeter, triangle, quadrilateral, parallelogram, trapezoid, circles, cube, parallelepiped nets, symmetry, reflection and rotation, and ratio and proportion, 3D geometry
- C. Statistics: data representation, mean(average), mode, median
- D. Logic, word problems (work, mixture, age, and money problems), basic number theory

IV. Mechanics of the Quiz Proper

There will be two phases in the quiz proper, the elimination phase and the final phase.

General Guidelines

1. No calculators will be allowed during the contest.
2. All final answers should be exact, simplified and with proper units.
3. Coaching from the audience is strictly prohibited. Violation of this rule would nullify the question.
4. Any form of cheating is strictly prohibited. Violation of this rule will lead to the disqualification of the whole team.
5. Answers should be expressed in a simplified fraction form unless specified.
6. Clarifications, protests and other questions regarding the questions should be addressed to Board of Judges immediately after the answer is revealed and before the next question is read; otherwise, the question will not be entertained. The decision of the Board of Judges is final and irrevocable.
7. In case of ties, a series of questions will be given. Only one (1) student should represent the team. The team who first gains the advantage over the other(s) will be declared winner for the position.
8. The three winning teams will be given as specified:

First Place:	Php 10000 + gold medals + trophy + gift certificates
Second Place:	Php 7000 + silver medals + trophy + gift certificates
Third Place:	Php 5000 + bronze medals + trophy + gift certificates
9. The individual highest scorer in the Elimination phase will also be given **Php 1500** and a gold medal.
10. All participating teams will be given certificates of participation.

Pen and Paper Round

1. The score of the qualifying teams will reset.
2. There will be ten (10) questions for this round.
3. Every question will be read twice. The participants are allowed to solve the problem only after the first reading. The thirty (30) second time limit will start right after quiz master says "Time starts now". Violation of this rule will lead to a warning for the first offense. The team won't be allowed to answer the current question for the second offense and will be disqualified for the third offense.
4. Each question has corresponding points depending on the level of difficulty. A correct answer may earn 7, 5, or 4 point credit. A wrong answer will get a 4-point deduction and no answer will get no deduction. A team can earn a maximum of fifty (50) points for this round.
5. Participants have thirty (30) seconds to answer each question.
6. All final answers must be encircled and to be given to the proctors assigned for the group after the given time has ended. Otherwise, the team guilty of the offense will be considered to have no answer for that question.
7. Five (5) teams with the highest accumulated score will be qualified for the next round.

Jeopardy-Buzzer Round

1. The score of the qualifying teams will reset.
2. Five (5) teams will be competing for this round.
3. There will be a total of 10 questions: 9 questions subdivided into 3 categories plus a BOOM Question. The BOOM question will still be based on the categories used in the previous rounds.
4. The quiz master will read each question twice. The participants are allowed to solve the problem only after the first reading and are allowed to hit the buzzer only after the quiz master says "Time starts now". Violation of the said rules will lead to a warning for the first offense. The team won't be allowed to answer the current question for the second offense and will be disqualified for the third offense.
5. As soon as the participants hit the buzzer, the team's timer will be stopped. The team's computation time will determine their score for this round. If their answer is correct their score will be sixty seconds minus the time they took for computing the answer, else the team's score will be zero.
6. Participants have sixty (60) seconds to answer each question.
7. The BOOM question will serve as the bonus question. The participants will be given 90 seconds to answer the question. No points will be deducted for a wrong answer.

For more information, feel free to contact us in any of these contact information:

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You can also visit us on our Facebook page, **Math Quest SAMUP**.