



Department of Education  
Region III  
**DIVISION OF ANGELES CITY**  
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**DIVISION ADVISORY**

No. 204, s. 2018

**To:** Heads of Public Secondary Schools  
**From:** OIC-Assistant Schools Division Superintendent  
**Subject:** wEEzards: A Luzonwide Inter-High School Math and Physics Olympiad  
**Date:** August 23, 2018

**RELEASED**

AUG 24 2018


By   
DepED Angeles City  
Division of City Schools

This is to inform that the UPLB Society of Electrical Engineering Students (UPLB SELES), College of Engineering and Agro-Industrial Technology, University of the Philippines, UP Los Baños will conduct wEEzards: A Luzonwide Inter-High School Math and Physics Olympiad on October 13, 2018 at the E.E. Auditorium, Electrical Engineering Building of the same university.

Grades 7 – 10 high school students from Luzon can participate in different competitions enumerated in the attached letter from Mr. Jobet D. Dimayuga, Head of Committee on Academic Affairs.

The mechanics of the contests are also found in the attached sheets, for reference.

  
**MARIA CELINA L. VEGA**

OIC-Assistant Schools Division Superintendent  
Officer-in-Charge 

**UPLB SOCIETY OF ELECTRICAL ENGINEERING STUDENTS**  
**COLLEGE OF ENGINEERING AND AGRO-INDUSTRIAL TECHNOLOGY**  
**UNIVERSITY OF THE PHILIPPINES LOS BANOS**



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Senior Adviser

July 24, 2018

**Dr. Malcolm S. Garma**  
Director III  
Department of Education Region III  
City of San Fernando, Pampanga

Dear Dr. Garma:

Greetings!

The **UPLB Society of Electrical Engineering Students (UPLB SELES)** is a duly recognized academic organization based on the College of Engineering and Agro-Industrial Technology (CEAT) of the University of the Philippines Los Baños. Founded in 1998 with just 15 members, the UPLB SELES is the pioneer academic organization in UPLB that is exclusive for Electrical Engineering students. Over the years, the UPLB SELES has grown and produced 299 graduates and now has 134 active resident members. The organization aims to promote academic excellence and leadership while preparing its members to be of service to the students, university, and society. It also aims to enhance the advancement of humanity through electrical engineering.

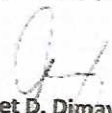
This year, UPLB SELES will mark its 21<sup>st</sup> glorious year of existence and service. Another year of great endeavours has kept us on making every effort to achieve more and be known further in our visions and missions. Regarding this, the organization will be conducting one of its major activities, **wEEzards: A Luzonwide Inter-High School Math and Physics Olympiad**. This annual event to be held on **October 13, 2018** is composed of an on-the-spot poster-making contest, an on-the-spot essay-writing contest, an impromptu speaking contest and the Math and Physics Olympiad. The competition is open to all high schools from Luzon. In the past years, the competition has been successfully participated by over 80 schools.


In line with this, we would like to ask you to be a part of this activity through the recognition of this event by your office, the Department of Education. Attached in this letter is the set of qualifications, mechanics, and prizes at stake for this event which will be held on October 13, 2018, Saturday.

We are hoping for your most favorable response regarding this matter.


Thank you and more power.

Respectfully yours,

  
**Jobet D. Dimayuga**  
Head of Committee on Academic Affairs

  
**Robert Christian D. Labalan**  
President

Noted by:

  
**Engr. Kristel Mae V. Villasin**  
Senior Adviser, UPLB SELES





## UPLB SOCIETY OF ELECTRICAL ENGINEERING STUDENTS COLLEGE OF ENGINEERING AND AGRO-INDUSTRIAL TECHNOLOGY UNIVERSITY OF THE PHILIPPINES LOS BANOS

### MECHANICS

#### QUALIFICATIONS

1. Any high school student (Grade 7-10) from Luzon is qualified to join any category in the said competition.
2. The Math & Physics Olympiad is open for teams consisting of three members regardless of high school year level (Grade 7-10). Any participating school can send a maximum of three (3) teams in the said competition.
3. The Essay-Writing Contest and Poster-Making Contest are individual events. Any participating school may send a maximum of three (3) contestants in each event.
4. Registration fees for each event are as follows:
  - Php 900.00 for every participating team in the Math & Physics Quiz Show;
  - Php 300.00 for every contestant in the Essay-Writing Contest;
  - Php 300.00 for every contestant in the Poster-Making Contest; and,
  - Php 300.00 for every contestant in the Impromptu Speaking Contest.
5. Interested schools may confirm their participation on or before September 28, 2018, Friday, at any of the following numbers: Robert Christian D. Labalan @ +639279116730, Jobet D. Dimayuga @ +639365290542, or Myron Ira D. Yap @ +639067070309. You may also send an e-mail to [hsquizcon.uplbseles@gmail.com](mailto:hsquizcon.uplbseles@gmail.com).

\* Participating schools from far away provinces may opt to avail dormitories where the participants may stay. The rates of transient fees will be dependent on the accommodations availed. The organization will handle all dormitory transactions.

\* Schools who wish to avail an accommodation should confirm their participation three weeks prior the competition, September 21, 2018. This is to secure all the necessary documents and transactions.

\* Registration fee is already inclusive of lunch.

#### CONTEST

1. The event will be held on October 13, 2018, Saturday, at the E.E. Auditorium, Electrical Engineering Building at the University of the Philippines Los Baños. Registration of participants will start at 7:30 AM until 8:30 AM.
2. The contest will begin at 9:00 AM after a short opening program. Late participants in any event will be accepted. However, no extension on the allotted time shall be given to any late participant/team. Thus, all entries and papers should be submitted on the prescribed time of submission.

#### MATH & PHYSICS OLYMPIAD

##### Preliminary Round

1. Each member of every participating team shall individually answer the written questionnaire in the preliminary round. The written questionnaire is composed of an Easy, an Average, and a Difficult Part. All of the questions for each part will be based on two main categories: Mathematics (Algebra, Geometry, Statistics, Trigonometry and Calculus) and Physics.
  - There shall be ten (10) questions in the Easy Part. Each correct answer for this part corresponds to 2 points, and no point shall be given nor deducted for a wrong and no answer.
  - There shall be ten (10) questions in the Average Part. Each correct answer for this part corresponds to 3 points, and no point shall be given nor deducted for a wrong and no answer.
  - There shall be ten (10) questions in the Difficult Part. Each correct answer for this part corresponds to 5 points, and no point shall be given nor deducted for a wrong and no answer.
2. This round shall last for two hours from the time it has started.





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3. All teams will qualify for the semi-final round. The scores of each member of the team will be averaged. This will, then, serve as the team's base score for the semi-final round.
4. **The individual participant who earned the highest score, regardless of his/her team's average score shall be declared as the 2017 Math & Physics Wizard and will receive a cash prize which amounts to two thousand pesos (Php 2000.00).**

**Semi-final and Final Round**

1. The Semi-final round shall be composed of two rounds namely, the EEasiest Round and the EEasier Round. The Final round, on the other hand, shall be called the EEasy Round.
2. There shall be 10 questions provided for each round of the competition. The questions provided in each round shall be randomly picked from the categories Mathematics (Algebra, Geometry, Statistics, Trigonometry and Calculus) and Physics. The type of questions for each round will range from identification, multiple choice, fill-in the blanks, true or false, and problem solving.
3. The same set of questions will be asked to the competing teams. All answers must be written on the answer sheets provided by the members of the UPLB SELES.
4. In this part of the Semi-final Round, the competing teams shall be scored as follows:
  - a. For each question in the EEasiest Round, each team will gain 3 points for every correct answer, -1 point for a wrong answer, and 0 point for no answer.
  - b. For each question in the EEasier Round, each team will gain 5 points for every correct answer, -2 point for a wrong answer, and 0 point for no answer.
  - c. For the EEasy Round, each correct answer corresponds to 10 points. No deduction will be given for an incorrect and no answer.
5. Each question shall be read twice by the quiz master. Contestants can start answering a problem as soon as the quiz master starts reading the question.
6. The quiz master shall declare the allotted time for the contestants to answer a problem before reading each question.
7. The quiz master shall announce, "The timer starts now" to let the contestants know that the timer for that question has started, and, "Time is up" to signal that the allotted time has elapsed. An official time keeper shall be assigned to monitor the time for each question.
8. All answer sheets must be submitted to the assigned proctors for each team upon the signal of the quiz master. Failure to submit the answer sheets 5 seconds after the signal shall be deemed as a no answer.
9. In the event of a tie, the teams with the same final score shall be given a "sudden death round" wherein a clincher question will be given until the tie breaks. Each correct answer in the sudden death round corresponds to 1 point. Clincher questions for the sudden death round will be randomly picked from any of the three rounds.
10. Any contestant shall be given the right to raise complaints, clarifications, or protests by addressing any of these concerns to the Board of Judges. The Board of Judges shall resolve any complaint/clarification/protest during the conduct of the quiz contest. Any complaint/clarification/protest for any question given in the quiz contest shall be raised immediately before the succeeding question is read by the quiz master; otherwise, the concern will not be entertained.
11. The total scores of each team shall be determined after the EEasiest Round and the EEasier Round. The top performing teams shall qualify for the Final Round. The scores of the top performing teams shall be set to zero before the start of the EEasy Round.
12. In the case where the number of participating teams does not exceed the minimum number (7) of teams that can qualify for the final round, all teams will proceed to the said round without resetting the accumulated scores from the preceding rounds.
13. The top performing teams will be chosen based on the classification below:

Number of Participating Teams

Top Performing Teams

7-10

Five will qualify





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11-15

Five will be eliminated

16 and above

Ten will qualify

14. After the last question in the Final Round, the scores of the top performing teams will be computed, and the top three dominating teams will be declared as Champion, 1<sup>st</sup> and 2<sup>nd</sup> runners-up respectively. The school and the participants of the top three teams will be receiving trophies, medals, certificates and cash prizes. The champion will receive ten thousand pesos in cash (P10000.00), while the 1<sup>st</sup> and 2<sup>nd</sup> runners-up will receive five thousand pesos (P5000.00) and three thousand (P3000.00) respectively.

**Additional Guidelines**

1. For questions that require a numerical answer, an answer without the required unit is incomplete and is, therefore, considered a wrong answer. Both the magnitude and the unit must be given correctly for an answer to be considered a correct answer. However, if the question requires an answer in certain units, i.e. "How many centimetres are there in one meter?" then, an answer that contains only the magnitude is acceptable.
2. Only the letter of the best answer is needed in a multiple-choice question.
3. Identification and fill-in-the-blank questions require correct spelling. An answer with a wrong spelling is considered a wrong answer.
4. If the Board of Judges decides to invalidate a question, an alternative question will be asked to replace any nullified question in any set or round of the competition.
5. **All final answers must be boxed or encircled. Any erasure must be crossed out, and only the boxed or encircled answer shall be considered as the final answer. This applies to the semi-final and final rounds.**
6. The decision of the Board of Judges is considered final and irrevocable.

**ESSAY-WRITING CONTEST**

1. **The theme for the on-the-spot-essay-writing contest will be announced during the contest proper.**
2. All entries must contain a minimum of 500 words. The papers that will be used by the participants shall be provided by the members of the UPLB SELES. Only the papers provided by the UPLB SELES during the conduct of the contest shall be considered official.
3. Participants will be given two hours to finish their entry. A facilitator-in-charge will be assigned to provide the papers on the beginning of the competition and to collect them after the participants have finished their entry. Proctors will also be designated to assist the needs of the participants.
4. Each entry will be given a numerical code to secure impartiality and secrecy before it is submitted to the Board of Judges.
5. The essays will be judged according to the following criteria for judging:

a. Content and Relevance to the Topic	40%
b. Organization and Development of Idea	30%
c. Style	15%
d. Use of words and Proper Grammar	15%
	<hr/> 100%



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6. There will be three members of the Board of Judges for the essay-writing contest and their decision is considered final and irrevocable.
7. The three entries that will get the highest percentage shall be declared as the Champion, 1<sup>st</sup> Runner-up, and 2<sup>nd</sup> Runner-up respectively. The champion shall receive a cash prize amounting to two thousand pesos (P2000.00) while the 1<sup>st</sup> and 2<sup>nd</sup> runners up will receive a cash prize of one thousand pesos (P1000.00) and five hundred pesos (P500.00) respectively. The top three participants will receive medals and certificates.

**POSTER-MAKING CONTEST**

1. The theme for the on-the-spot-poster-making contest will be announced during the contest proper.
2. Each participant must bring his/her own drawing/coloring materials that best suit his/her drawing technique. Only the canvas (illustration board) will be provided by the UPLB SELES.
3. Participants will be given two hours to finish their entry. A facilitator-in-charge will be assigned to provide the canvas on the beginning of the competition and to collect them after the participants have finished their entry. Proctors will also be designated to assist the needs of the participants.
4. Each entry will be given a numerical code to secure impartiality and secrecy before it is submitted to the Board of Judges.
5. The posters will be judged according to the following criteria for judging:

a. Originality	20%
b. Relevance to the Topic	30%
c. Creativity	30%
d. Overall Appeal	20%
	<hr/> 100%

6. There will be three members of the Board of Judges for the poster-making contest and their decision is considered final and irrevocable.
7. The three entries that will get the highest percentage shall be declared as the Champion, 1<sup>st</sup> Runner-up, and 2<sup>nd</sup> Runner-up respectively. The champion shall receive a cash prize amounting to two thousand pesos (P2000.00), while the 1<sup>st</sup> and 2<sup>nd</sup> runners up will receive a cash prize of one thousand pesos (P1000.00) and five hundred pesos (P500.00) respectively. The top three participants shall also be receiving medals and certificates.

**IMPROMPTU SPEAKING CONTEST**

1. The contestants will be confined in a separate room where they will be isolated until each contestant is called for the contest proper. Each contestant will be asked to pick his or her number through draw lots in the presence of all coaches and participants. The number will indicate their sequence in the competition.
2. The topic given by the Board of Judges will be the official theme for all contestants in the entire competition.
3. A contestant will be called from the isolation room. The Master of Ceremony will read the theme twice and the contestant is allowed to deliver his/her speech for two minutes.
4. Each contestant will be given a maximum of 30 seconds to prepare his/her speech. Timer starts when the 30-second preparation time elapsed *or* as soon as the contestant utters his or her first word prior to the set time of preparation.





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5. After one and a half minutes (1 ½), a "30 seconds left" signal will be raised. It signifies that the contestant has thirty (30) seconds more to finish his speech. After two (2) minutes have elapsed, a facilitator will raise an "end" signal to indicate that the contestant may end his speech.
6. The contestant may choose to conclude his speech thirty (30) seconds before or thirty (30) seconds beyond two (2) minutes.
7. The time limit will be strictly implemented. Should a contestant exceed thirty seconds after the time limit, he will be automatically interrupted.
8. The criteria for judging are as follows:

a. Speech Content and Organization	40%
b. Voice Quality (Projection, Modulation, Emphasis, Diction)	30%
c. Poise and Delivery (Gesture, Facial Expression, Eye Contact & Appearance)	20%
d. Overall Impact	10%
	100%
9. *The decision of the board of judges' decision will be considered final and irrevocable.*
10. **The three entries that will get the highest percentage shall be declared as the Champion, 1<sup>st</sup> Runner-up, and 2<sup>nd</sup> Runner-up respectively. The champion shall receive a cash prize amounting to two thousand pesos (P2000.00), while the 1<sup>st</sup> and 2<sup>nd</sup> runners up will receive a cash prize of one thousand pesos (P1000.00) and five hundred pesos (P500.00) respectively. The top three participants shall also be receiving medals and certificates.**

*Over-all Winners*

The results will be tabulated, each of the schools will be scored to the winning they have acquired in each of the categories of the competition. The school which garnered highest weighted number of wins according to the set criterion will be declared as the over-all champion. The over-all champion school shall receive the **Perpetual trophy, certificates and cash prize of three thousand pesos (P3000.00)**