



Republic of the Philippines  
**Department of Education**  
Region IV-A  
SCHOOLS DIVISION OF QUEZON PROVINCE

**DIVISION ADVISORY NO. 038, s. 2020**

September 15, 2020

In reference to the letter of Miles Lyndon C. Angeles, Vice President for Scholastics Division, UP Los Baños Mathematical Science Society this advisory is issued for the information of all Public Schools District Supervisors, Public and Private Elementary and Secondary School Heads and All Others Concerned

**ONLINE SEMINAR FOR TEACHERS, SHORT FILM COMPETITION, AND DATA VISUALIZATION COMPETITION TO SECONDARY SCHOOLS IN REGION IV-A**

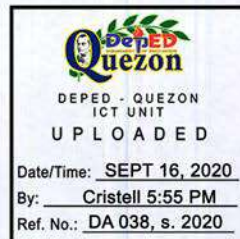
The UPLB Mathematical Sciences Society (UPLB MASS) will conduct the 32<sup>nd</sup> Mathematical Sciences Week with the theme, "ELEVATE: Fortifying Online Information and Data Protection through Mathematical Sciences" on October 18-23, 2020.

For more information, please refer to the attached communication.

**ELIAS A. ALICAYA, Jr.**  
Assistant Schools Division Superintendent  
Officer-In-Charge  
Office of the Schools Division Superintendent

cid-ims/lsw/dmbd/09/15/2020

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Republic of the Philippines  
**Department of Education**  
REGION IV-A CALABARZON  
GATE 2, KARANGALAN VILLAGE  
1900 CAINTA, RIZAL



Office of the Regional Director

2 September 2020

To: Schools Division Superintendents

Dear Superintendents,


This pertains to the letter from **Miles Lyndon C. Angeles, Vice President for Scholastics Division, UP Los Baños Mathematical Science Society** informing this Office about the conduct of **Online Seminar for Teachers, Short Film Competition, and Data Visualization Competition to Secondary Schools in Region IV-A** on October 18-23, 2020.

If participation in the above-mentioned activity of teaching and/or non-teaching personnel from your Division is deemed necessary, please be reminded of the following conditions:

1. that the Schools Division Office be informed, in writing, of participation to said activity;
2. participation/attendance is on a voluntary basis;
3. expenses to be incurred by the participants shall be on a personal basis or sourced from a legitimate local government unit donor;
4. strict observance of time-on-task policy; and
5. strict compliance to no disruption of classes policy of the Department.

Please be guided accordingly.

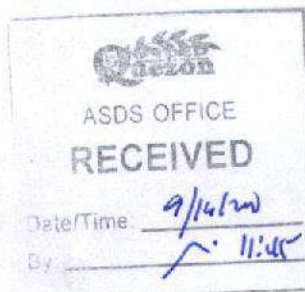
Very truly yours,

  
**WILFREDO E. CABRAL**  
Regional Director



"EXCELLENCE is a CULTURE and QUALITY is a COMMITMENT"

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# UNIVERSITY OF THE PHILIPPINES LOS BAÑOS MATHEMATICAL SCIENCES SOCIETY

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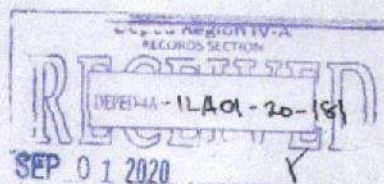
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Abram Jesse F. Sollestra  
SOCIO-CULTURAL COMMITTEE  
CHAIRPERSON

August 25, 2020

**DR. WILFREDO E. CABRAL**

Regional Director, Region IV-A  
Department of Education



**RE: Endorsement for Online Seminar for Teachers, Short Film Competition,  
and Data Visualization Competition to Secondary Schools in Region IV-A**

Dear Dr. Cabral:

Peace be with you!

We are the UPLB Mathematical Sciences Society (UPLB MASS), a duly recognized academic organization in the University of the Philippines Los Baños (UPLB). In our 46 years of existence, we have been committed in fulfilling our aspirations of promoting deeper appreciation and wider application of mathematical sciences through the involvement of our university constituents and the Filipino masses.

In line with this objective, we will be holding the **32<sup>nd</sup> Mathematical Sciences Week on October 18-23, 2020**, with the theme, **"ELEVATE: Fortifying Online Information and Data Protection through Mathematical Sciences"**.

During this week, we will be conducting the following:

### 1. Online Seminar for Teachers

-An online seminar that will tackle fundamentals on how to sustain an online class and pertinent information regarding this year's theme.

### 2. Short Film Competition

- A competition open to high school students which aims to showcase the talents of young film makers as they share valuable information in an entertaining manner.

### 3. Data Visualization Competition

- This competition is open to high school and college students where young data scientists will present their data using appropriate data visualization tools and techniques which will allow the target audience to understand what the data shows and make decisions based on it.

### 4. Online Arts Contest

- An online art competition open to college students where they can express their creativity in integrating the underlying mathematical concepts on this year's theme.

### 5. Puzzle of the Day and Puzzle of the Week

- A daily and week-long puzzle about the fields covered by the organization which will challenge the minds of the youth to think critically and logically.





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### 6. Hackathon

-A software-making contest open to anyone interested and knowledgeable in programming where they can showcase their creativity and innovativeness in providing original ideas in today's digital era.

In this regard, we would like to ask your good office for the endorsement of the following events to the secondary schools in Region IV-A.

- Online Seminar for Teachers
- Short Film Contest
- Data Visualization Contest

Conventionally, we hold the Annual MATHEMATCH, a quiz contest for secondary students from Region IV, but due to the pandemic, we have deemed it unsafe to proceed with its conduct, thus adjustments were made. Annually, around 40 schools participate in the events during the Mathematical Sciences Week. This year, we would like to expand our reach and allow the participation of more schools in our events and we believe that with your help, our goal will be realized. Attached are the more detailed descriptions of the projects and the mechanics of each contest, for your reference.

We are hoping for your favorable response on this matter. Thank you very much!

Sincerely yours,

**Miles Lyndon C. Angeles**  
Vice President for Scholastics Division

Recommending Approval:

**James Roldan S. Reyes**  
Senior Adviser

**Danilo J. Mercado**  
Outgoing Senior Adviser





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## ORGANIZATIONAL BACKGROUND

The UPLB Mathematical Sciences Society was established in 1973 and, since then, it has been one of the duly recognized academic organizations in the University of the Philippines Los Baños. It is comprised of BS Applied Mathematics, BS Computer Science, BS Mathematics, BS Mathematics and Science Teaching Major in Math, and BS Statistics students who are committed in upholding the goal of the society: to contribute to the development of the Filipino nation by cultivating deeper appreciation and wider application of mathematical sciences, by fostering academic excellence towards social relevance and by becoming involved with the rest of the university constituency and with the Filipino masses.

## CONTACT INFORMATION

Address: 2nd Floor, Francisco O. Santos Hall, University of the Philippines Los Baños, College, Laguna, 4031

Mobile Number: (+63)967 223 3158 – Miles Lyndon C. Angeles (VP for Scholastics Div)  
(+63)995 453 8543 – Erika Eunice D. Dumago (Executive Secretary)  
(+63)977 826 1208 – Sonya Mariella S. Castillo (President)

Email Address: [admin@uplbmass.org](mailto:admin@uplbmass.org)  
[mcangeles5@up.edu.ph](mailto:mcangeles5@up.edu.ph)

## 32<sup>nd</sup> Mathematical Sciences Week

### I. Schedule of Activities

October 18, 2020	
2:00 P.M.	Online Seminar for Teachers





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October 19, 2020	
10:00 A.M.	Posting of Puzzle of the Day
	Posting of Puzzle of the Week
8:00 P.M.	Announcement of Winner for Puzzle of the Day
October 20, 2020	
10:00 A.M.	Posting of Puzzle of the Day
12:00 P.M.	Announcement of Finalists for Online Art Contest
	Announcement of Finalists for Short Film Contest
8:00 P.M.	Announcement of Winner for Puzzle of the Day
October 21, 2020	
10:00 A.M.	Posting of Puzzle of the Day
2:00 P.M.	Announcement of Winners for Online Art Contest
	Announcement of Winners for Short Film Contest





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8:00 P.M.	Announcement of Winner for Puzzle of the Day
October 22, 2020	
10:00 A.M.	Posting of Puzzle of the Day
12:00 P.M.	Announcement of Finalists for Data Visualization Competition
8:00 P.M.	Announcement of Winner for Puzzle of the Day
October 23, 2020	
10:00 A.M.	Posting of Puzzle of the Day
2:00 P.M.	Announcement of Winners for Data Visualization Contest
	Announcement of Winners for Hackathon
8:00 P.M.	Announcement of Winner for Puzzle of the Day
	Announcement of Winner for Puzzle of the Week





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## II. Online Seminar for Teachers

Teachers from any secondary school (private or public) nationwide are highly encouraged to join. This is a FREE Online Seminar that will mainly focus on the fundamentals of online classes, how to sustain it, and how to keep the class secure. The online seminar will be streamed on October 18, 2020 (Sunday) at the UPLB Mathematical Sciences Society Facebook page (<https://www.facebook.com/uplbmass1973>). To recognize a teacher's attendance, he/she must send screenshots of at least 3 slides from the highlighted slides of the presented PowerPoint Presentation together with his/her Name, School, and School Address to our email address ([admin@uplbmass.org](mailto:admin@uplbmass.org)) or to our Facebook page. Once the participation is verified, the teacher will receive a certificate issued by the organization.

## III. Short Film Contest

Students from any secondary school (private or public) nationwide are qualified to join the contest. Each school must be represented by at most one team, which will be composed of at most five students and one teacher each. A maximum of 30 teams will be allowed to join. Five finalists will be selected from the participating entries. These five entries shall be uploaded in the organization's Facebook page a day before the announcement of winners. Whoever gets the highest score among the finalists will be considered the Grand Winner.

### Registration

- This is a free-of-charge contest.
- The participating team should come up with a team name. To register, they have to fill out a form. They will be required to send a certification stating that they are the official representative of their school duly signed by the principal. The duly accomplished form and the certification shall be sent to a certain email address until September 28, 2020, Monday, 11:59 PM. An acknowledgement email shall be received which signifies a successful registration.
- Only those people listed in the registration form are allowed to do the creative endeavors of the film including (but not limited to) scriptwriting, editing, musical scoring, and directing. If someone, who is not part of the team, helps in the creative endeavors of the film, the said team will be disqualified.
- Submitting the form shall mean that the team/s agree to follow the rules of the competition and the film guidelines and respect the decision of the panel of judges. It shall also mean that the organization is allowed to insert short advertisements and play the video that they will submit publicly.
- UPLB MASS reserves the right to disqualify any team that will not adhere to the given guidelines. Also, the organization reserves the right to change and amend





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the competition rules given that there's enough time to disseminate the information changes.

## Contest Proper

- The video can be a short film, an animation, or a documentary.
- The film shall be related to this year's Mathematical Sciences Week theme.
- Any gadget (phone, DSLR, digital camera) can be used to shoot the film. Animation and computer graphics are also allowed.
- The film should only last for 5-10 minutes including the introduction and credits. Any lack or excess on the time shall have the appropriate deductions.
- The video can come in either English or Filipino language. The teams are encouraged to put subtitles.
- The video should not include any offensive or inappropriate language or content. The video shall be applicable for general viewership.
- The teams are encouraged to come up with an original score. However, if pre-recorded music will be used, make sure that it is properly cited to avoid any copyright issue. Hence, it is also discouraged to include switched -on televisions and radio in the background.
- The film must be in .mp4 or .avi format and in high definition.
- The film shall be submitted through a personal google drive link that will be sent to you after registration. Take note that this Google Drive link is exclusive for your team and only the one who submitted the registration form will have access to it.
- The final copy of the film should be submitted on or before October 7, 2020, 11:59 PM to give the judges an ample amount of time to critique the film.
- Only those films received on or before the deadline shall be considered official participants. Those who fail to submit their films on the said deadline will be disqualified to join the competition.
- Failure to follow the said rules may result in disqualification.
- The participating schools will be ranked by the judges according to the criteria presented.
- The judges' decision is final and irrevocable.

## Criteria for Judging:

Entries will be judged using the following criteria:

Relevance to theme	-	30%
Originality	-	20%





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Creativity	-	20 %
Production or Technical Quality	-	20%
Storytelling	-	10%
<b>Total:</b>		<b>100%</b>

## Prizes and Announcement of Winners

- Each participating school will receive an E-Certificate of Participation.
- Prizes for the Top five (5) teams will be as follows:

Grand Winner: ..... E-Certificates of Recognition and PhP 5,000 cash

First Runner Up: ..... E-Certificates of Recognition and PhP 3,000 cash

Second Runner Up: ..... E-Certificates of Recognition and PhP 1,000 cash

Finalists: ..... E-Certificates of Recognition and PhP 500 cash

- The winners will be announced via Facebook live on the organization's page on October 21, 2020. The Top 3 films will also be streamed.

## IV. Data Visualization Competition

High school and college students (public or private) nationwide are qualified to join the competition. The competition will be divided into two categories: high school category and college category. A maximum of 25 participants or entries will be accommodated in each category. Among all the entries, top 5 entries in each category will be chosen as finalists. The top 5 entries in each category shall be posted on the organization's Facebook page a day before the announcement of winners.

### Registration

- This contest is free of charge.
- Participants should register by filling out a Google forms link until October 1, 2020, 11:59 PM. They will be required to upload their ID or certification of enrollment upon registration.





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- Submitting the form shall mean that the participant agrees to follow the rules of the competition and the contest guidelines and respect the decision of the panel of judges. It shall also mean that the participant grants the organization the right to share any submitted entry that is chosen as finalist. The infographic will be credited with the details submitted by the participant.
- UPLB MASS reserves the right to disqualify any team that will not follow the said guidelines. Also, the organization reserves the right to change and amend the competition rules given that there's enough time to disseminate the information changes.

## Contest Proper

- Each participant can submit one (1) entry only.
- Infographic submissions should demonstrate this year's Mathematical Sciences Week theme.
- Infographics must be submitted in English language.
- The size of the infographic should exactly be 11x17 inches.
- Entries should be submitted in PDF, PNG, or JPEG file formats in the highest possible resolution.
- An entry must be the participant's original work. It must not infringe on another person's copyright, trademark, or any intellectual property right.
- Data and information used must be properly cited.
- Entries may not contain materials that are sexually explicit, defamatory, libelous, indecent, obscene, or other inappropriate content.
- The infographics shall be submitted through a personal Google Drive link that will be sent to the participant after registration.
- The deadline of submission of entries is on October 9, 2020, 11:59PM.
- Only those entries received on or before the deadline shall be considered official participants. Those who fail to submit their entries on the said deadline will be disqualified to join the competition.
- Failure to follow the rules may result in deduction of points or disqualification.
- The infographics shall be judged based on the rubric.
- The judges' decision is final and irrevocable.

## Prizes and Announcement of Winners

- Each participant will receive an E-Certificate of Participation.
- The Winner for each category will receive PhP 3,000 cash and an E-Certificate of Recognition.
- The other finalists from each category will also receive E-Certificates of Recognition and PhP 100 cash.
- The winners will be announced via Facebook Live on the organization's Facebook page on October 23, 2020.