AUG 0 1 2022

Advisory No. 159, s. 2022
July 29, 2022
In compliance with DepEd Order (DO) No. 8, S. 2013
This advisory is issued for the information of DepEd officials,
personnel/staff, as well as the concerned public.

34TH MATHEMATICAL SCIENCES WEEK

Attached is DepEd NCR Advisory No. 184, s. 2022 dated July 26, 2022 on the above-captioned title, contents of which are self-explanatory, for the information and guidance of all concerned.

Participation of 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.

Moreover, schools are reminded of the "No Collection and No selling of Tickets Policy" stipulated in DepEd Order Nos. 19 and 40, s. 2008 and RA Nos. 4206 and 5546.

NERISSA ROXAS-LOMEDA PhD
OIC-Assistant Schools Division Superintendent

EDB/ 34TH MATHEMATICAL SCIENCES WEEK
159 /July 29, 2022

Student Center for Life Skills Bldg., Centennial Ave, Brgy Tunasan, Muntinlupa City
(02) 8805 - 9935, (02) 8805 - 9940
sdo.muntinlupa@gmail.com

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DEPARTMENT OF EDUCATION

RECORDS SECTION, DEPED NCR

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DNCR-F-ORD-038/R0/01112019

SDO-CITY OF MUNTINLUPA
Received
Date   7-27-22
Time   3:55 PM

Advisory No. 184 , s. 2022

July 26, 2022

Pursuant to DepEd Order No. 8, s. 2013,
this Advisory is issued not for endorsement but for the
information of DepEd Officials, Personnel/Staff, as well as
the concerned public per DepEd Order No. 28, s. 2001
(Visit www.deped.gov.ph)

34TH MATHEMATICAL SCIENCES WEEK

The UPLB Mathematical Sciences Society (UPLB MASS), a duly recognized organization of UP, Los Banos will be holding the above-captioned activity on the 15th and 22nd of October, 2022.

It aims to promote deeper appreciation and wider application of mathematical sciences.

Expected participants are High school students from the public and private schools.

For more information, please contact:
Criszelle E. Castillo
VP of the Scholastics Division
Mobile number: 0928.730.18.40

ORD/Public Affairs Unit

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AY 2022-2023

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MEMBERSHIP COMMITTEE CHAIRPERSON

Maria Therese T. Salazar
SOCIO-CULTURAL COMMITTEE CHAIRPERSON

25 July 2022

Dr. Wildredo E. Cabral
Regional Director, NCR
Department of Education

RE: Endorsement of the 34th Mathematical Sciences Week (MSW)

Dear Dr. Cabral:

Greetings of peace!

We are the **UPLB Mathematical Sciences Society (UPLB MASS),** a duly recognized organization of the University of the Philippines Los Baños. In our 48 years of excellence, we have been committed to promoting deeper appreciation and wider application of mathematical sciences by involving our university constituents and the Filipino masses.

In line with this objective, we will be holding our **34th Mathematical Sciences Week** this incoming **15th to 22nd of October 2022.** This year, we have decided to focus on the Mathematics behind Financial Literacy and our theme is, **"FUTURE SECURED: Optimizing Finances Using Mathematics".**

The following are the activities and competitions that will be held for the said event:

1. **34th National Mathematical Challenge (MATHEMATCH)**
   - An online quiz contest open to high school students.

2. **Webinar**
   - An online seminar that will tackle concepts related to this year's theme.

3. **Short Video Making Competition**
   - A competition for high school students that will encourage their artistry in creating an informational and engaging short video related to this year's theme.

4. **Infographics Making Competition**
   - A competition for college students (UPLB students only) that aims to test their creativity and skills in presenting data using appropriate tools and techniques.

5. **Puzzle of the Day and Puzzle of the Week**
   - Daily and week-long puzzles posted for the duration of the celebration to challenge the minds of the youth.

In this regard, we would like to ask for your good office for the **endorsement** of the following events to the secondary schools of the region.

- 34th National Mathematical Challenge (MATHEMATCH)
- Webinar
- Short Video Making Competition
- Puzzle of the Week/Day

This is so that we may be able to expand our reach and allow the participation of more schools in our activities. For your perusal, attached are more information about our organization and the event.

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

Sincerely yours,

CRISZELLE E. CASTILLO
Vice President of the Scholastics Division

FREDERICK EMMANUEL S. ESTARES
President

Recommending Approval:

ASST. PROF. RAMONCITO CAMBEL
Senior Adviser

ORGANIZATIONAL BACKGROUND

The UPLB Mathematical Sciences Society, established in 1973, has been one of the duly recognized academic organizations of the University of the Philippines Los Baños. It is comprised of BS Applied Mathematics, BS Computer Science, BS Mathematics and Science Teaching Major in Math, and BS Statistics students who are committed to 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 being involved with the rest of the university constituency and Filipino masses.

CONTACT INFORMATION

Address:	2nd Floor, Francisco O. Santos Hall, University of the Philippines Los Baños, College, Laguna, 4031
E-mail Address:	admin@uplbmass.org
	cecastillo2@up.edu.ph

Mobile Number:		
	+63 9157854429	Criszelle E. Castillo (Vice President for Scholastics Division)
	+63 9171799196	Erika Leanne R. Tined (Scholastics Division Secretary)
	+63 9669623648	Frederick Emmanuel S. Estares (President)

EVENT INFORMATION

Event Name:	34th Mathematical Sciences Week
Date:	October 15, 2022 - October 22, 2022

SCHEDULE OF ACTIVITIES

DATE	TIME	EVENT
October 15, 2022 (Saturday)	1:00 PM - 4:00 PM	34th National Mathematical Challenge (MATHEMATCH) Elimination Round
October 16, 2022 (Sunday)	1:00 PM - 4:00 PM	Webinar
October 17, 2022 (Monday)	10:00 AM	Posting of Puzzle of the Week
		Posting of Puzzle of the Day
	1:00 PM	Posting of Infographics Making Competition Entries
	8:00 PM	Announcement of Puzzle of the Day Winners
October 18, 2022 (Tuesday)	10:00 AM	Posting of Puzzle of the Day
	1:00 PM	Posting of Short Video Making Competition Entries
	8:00 PM	Announcement of Puzzle of the Day Winners
October 19, 2022 (Wednesday)	10:00 AM	Posting of Puzzle of the Day
	1:00 PM	Announcement of MATHEMATCH Finalists
	8:00 PM	Announcement of Puzzle of the Day Winners
October 20, 2022 (Thursday)	10:00 AM	Posting of Puzzle of the Day
	8:00 PM	Announcement of Puzzle of the Day Winners
October 21, 2022 (Friday)	10:00 AM	Posting of Puzzle of the Day

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	8:00 PM	Announcement of Puzzle of the Day and Puzzle of the Week Winners
October 22, 2022 (Saturday)	1:00 PM - 5:00 PM	34th National Mathematical Challenge (MATHEMATCH) Final Round
	7:00 PM	Announcement of Competition Winners

CONTEST AND EVENT DETAILS

1) 34TH NATIONAL MATHEMATICAL CHALLENGE (MATHEMATCH)

GENERAL INFORMATION

The UPLB Mathematical Sciences Society annually hosts the Southern Tagalog Invitational Mathematical Challenge, better known as MATHEMATCH. In line with the Society's goal of promoting deeper appreciation and wider application of mathematical sciences and following the success of last year's first ever National Mathematical Challenge (MATHEMATCH), the Society is again conducting this competition nationwide on its 34th iteration.

I. ELIGIBILITY
   A. MATHEMATCH is an individual online competition open to all junior high and senior high school students nationwide. Each school may be represented by a maximum of 3 students only.
   B. There is **no entry or registration fee** for this competition.
   C. Participation in this competition means adhering to the contest guidelines set by the UPLB Mathematical Sciences Society.

II. INTEGRITY
   A. It should be the responsibility of everyone concerned, including but not limited to the UPLB Mathematical Sciences Society members, event partners, judges, participating schools, and household members of contestants to protect and maintain the integrity of this competition.
   B. Joining this competition means that the contestants will only submit answers that are the result of their individual efforts and are not arrived at using any computing device (i.e. calculator), application, or software, consulting anyone, and using physical or online

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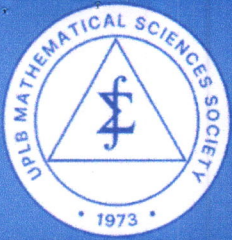📞 +639287301840   ✉ admin@uplbmass.org   🅕🅣🅘 @uplbmass1973

references. It shall also mean that they are aware of the appropriate consequences that will be faced by anyone who is proven to have violated the rules of the competition.

III. TECHNICAL REQUIREMENTS

A. Since the competition will be entirely held online, contestants are required to prepare the necessary technical tools needed to effectively participate in the competition. The following are the required technical requirements:

1. An active email address for important correspondence.
2. A reliable internet connection during the competition.
3. A computer, laptop, or tablet with a camera and an installed Zoom application.
   a. For the preliminary round: Contestants are required to prepare at least one (1) device.
   b. For the final round: Contestants are required to prepare at least two (2) devices. The first device will be positioned in front of the participant to monitor them as they answer each question, while the second device will be positioned behind them to monitor their screen and workplace.
4. A Zoom (basic or free) account.

B. It should be the responsibility of the participants to regularly check their emails for more details and instructions about the competition. The organization will not be at fault in case a participant fails to attend to the contest requirements due to their own failure to read competition updates sent through email. (There should only be one email for the entire competition)

C. The participants are highly encouraged to prepare a back-up internet connection source in case of internet connection problems and power interruptions. Devices that will be used during the competition should be fully charged before the start of competition to minimize technical problems during the contest proper.

D. The use of laptops or any device with enough screen size for visibility purposes is also highly recommended. The organization will not be responsible for overlooked or misinterpreted contest problems due to screen visibility.

E. During the preliminary and final round, the participants are required to open their cameras for the entire duration of the competition. Participants are also prohibited to use any virtual background and filter.

F. The UPLB Mathematical Sciences Society recognizes that not everyone has access to stable and reliable internet connection and has sufficient electronic gadgets at home. Unfortunately, the organization cannot accommodate these limitations. Through combined efforts, the competition will be pushed through after making the necessary adjustments to

ensure the safety of all the individuals involved while still maintaining the integrity of this competition. We hope for everyone's kind understanding.

IV. REGISTRATION AND DEADLINES

A. Interested participants should register through the provided *Google Form link* to secure their slots for the competition. The registration period shall start on **September 5, 2022** at **10:00 AM** and end on **September 19, 2022** at **11:59 PM**. Only a maximum of **90 participants,** at most **six (6) participants per region**, will be accommodated, following a first come, first served basis. However, in case the number of participants in a region was not reached, their slots will be given to the other participants from other regions, still following a first come, first served basis. Please note that answering the form does not guarantee a slot for the competition, a registration confirmation will be sent *via* email on or before September 30, 2022.

B. Upon registration, participants must submit and accomplish the following in png/jpg or pdf form:
   1. A copy of their *School ID* for A.Y. 2022-2023. In case the school has not yet issued their school ID for A.Y. 2022-2023, the participant can submit their *most recent high school ID* or *valid ID with the participant's picture.*
   2. Any *Proof of Enrollment* for A.Y. 2022-2023 signed by the school registrar or school principal.
   3. Original copy of the *Integrity Form* and *Guardian's Consent Form* which shall signify that the participants and their household members will abide by the rules in maintaining the integrity of the competition amidst it being conducted online.

C. Additional instructions will be regularly provided to the qualified participants *via* email and/or Facebook updates.

D. The UPLB Mathematical Sciences Society reserves the right to extend the registration period. In case of such adjustments, announcements will be made through the organization's official Facebook Page (*facebook.com/uplbmass1973*) and the official page of MATHEMATCH (*facebook.com/NatlMATHEMATCH*).

V. CONTEST MECHANICS

A. GENERAL MECHANICS
   1. The competition will cover topics in **Algebra, Arithmetic, Calculus, Geometry, Logic, Statistics, and Trigonometry**. Well-screened contest questions will be verified by UPLB Mathematics professors who will also serve as judges in the final round.

2. The **Preliminary Round** will be conducted *via* **Zoom** on **October 15, 2022**. This will be in the form of a synchronous individual exam.

3. The **Top 15 contestants** who will garner the highest scores in the preliminary round will advance to the **final round**. Finalists will be contacted through email on or before **October 19, 2022**. The names of the finalists will also be published on the official Facebook page of MATHEMATCH and UPLB MASS.

4. The **Final Round** is scheduled on **October 22, 2022** *via* **Zoom**. It will also be available for screening *via* **Facebook Live** on the organization's official Facebook page.

5. The **Top 3 contestants** who will garner the highest points will be declared the winners of the competition.

6. The UPLB Mathematical Sciences Society reserves the right to disqualify any participant who will not follow the contest guidelines. The organization also reserves the right to change and amend the competition rules given that there is enough time to disseminate the information.

B. PRELIMINARY ROUND MECHANICS

1. The preliminary round will be in the form of a closed-door, individual, synchronous exam which will be held *via* Zoom on **October 15, 2022 from 1:00 PM to 4:00 PM.**

2. The exam will be composed of short-answer questions only. Answers will be submitted through *Google Forms*. Links will be sent to the contestant's email.

3. In case a contestant gets disconnected during the synchronous exam, the contestant should inform the assigned proctors and return to Zoom within 10 minutes. If the contestant failed to return within the allotted time, they will be required to submit their answer form within two (2) minutes, otherwise their answers will be void.

4. The Top 15 contestants garnering the highest scores will advance to the final round.

C. FINAL ROUND MECHANICS

1. The final round will be a live quiz contest which will be held *via* Zoom on **October 22, 2022 1:00 PM onwards.** To maintain order in the competition proper, only the contestants, judges, and UPLB MASS members will be allowed to enter the Zoom. Other interested viewers may watch the competition *via* Facebook Live on the organization's official Facebook Page.

2. In case a contestant gets disconnected during the live quiz competition, it is up to the judges' discretion whether to proceed with the competition proper or give time for the contestant to return.

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3. The final round will be divided into 3 rounds - Easy, Average, and Difficult.
   a. Easy Round
      - Ten (10) questions will be asked.
      - Each contestant will be given thirty (30) seconds to answer each question.
      - A correct answer garners 5 points. Wrong answers and no answers will garner no points.
   b. Average Round
      - Seven (7) questions will be asked.
      - Each contestant will be given sixty (60) seconds to answer each question.
      - A correct answer garners 7 points. Wrong answers will result in a deduction of 3 points. No answers will garner no points.
   c. Difficult Round
      - Five (5) questions will be asked.
      - Each contestant will be given ninety (90) seconds to answer each question.
      - A correct answer garners 10 points. Wrong answers will result in a deduction of 5 points. No answers will result in a deduction of 3 points.
4. The accumulated points from the Easy, Average, and Difficult Rounds shall determine the winners for this competition.
5. In case there will be a tie for the **Top 3**, a *Do or Die* round will be conducted. Questions are to be asked and the contestant who gets the correct answer shall be declared the winner if no other participants get the correct answer.

VI. WINNERS AND PRIZES
   A. Participants will receive e-certificates for their participation.
   B. The individual top scorer of the preliminary round will receive a certificate of recognition and PhP 1000 cash.
   C. The Top 15 finalists will each receive an e-certificate of recognition and PhP 300 cash.
   D. The final round winners will receive e-certificates of recognition and the corresponding cash prizes:

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Place	Prize
1st Place	PhP 10,000 cash
2nd Place	PhP 7,000 cash
3rd Place	PhP 5,000 cash

E. The winners of this competition will be announced *via* Facebook Live on the UPLB MASS' Official Facebook Page on October 22, 2022. A separate post for the winners of this competition will also be published on the said page(s).

2) WEBINAR

The UPLB Mathematical Sciences Society conducts a seminar as part of the Mathematical Sciences Week celebration to promote deeper understanding and wider application of concepts related to the theme of the event.

I. This webinar is open to all interested individuals nationwide.
II. There is **no entry or registration fee** for this event.
III. Interested participants should pre-register through the provided Google Form link. The details of the Zoom meeting will be sent through the information they have provided in the pre-registration form. The pre-registration period shall begin on **October 4, 2022 10:00 AM** and will end on **October 15, 2022** at **11:59PM**.
IV. Zoom slots will be limited due to the participant capacity of Zoom meetings. However, other interested participants may also attend the webinar via Facebook Live which will be available in the official page of UPLB MASS (facebook.com/uplbmass1973).
V. The webinar will be held on **October 16, 2022** at **2:00PM**.
VI. Participants will be given e-certificates for their participation in the webinar, provided that they will submit 3 screenshots highlighting the topics discussed during the lecture as proof of participation in the event.

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2F Francisco O. Santos Hall, University of the Philippines Los Baños, College, Laguna 4031
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3) SHORT VIDEO MAKING COMPETITION

I. ELIGIBILITY
A. This Short Video Making Competition is open to all Junior and Senior High School students nationwide.
B. There is no entry or registration fee for this competition.
C. Participation in this competition means adhering to the contest guidelines set by the UPLB Mathematical Sciences Society.

II. REGISTRATION REQUIREMENTS AND DEADLINES
A. Interested participants should register through the provided *Google Form link* to secure their slots for this competition. The registration period shall start on **September 14, 2022** at **10:00 AM** and will end on **October 3, 2022** at **11:59 PM**. Only a maximum of **30 entries**, at most 2 participants per entry, will be accommodated, following a first come, first served basis. A registration confirmation will be sent *via* email on or before October 3, 2022.
B. Upon registration, participants shall submit a copy of their most recent *School ID (or any valid ID)* and *Proof of Enrollment (Certificate of Enrollment signed by the school's registrar or principal)* for the First Semester of A.Y 2022-2023.
C. All entries must be submitted on or before the deadline: **October 5, 2022** at **11:59 PM** through the provided Google Form link. Entries submitted after the deadline may be disqualified.
D. All entries will be posted in the official Facebook Page of UPLB MASS (*facebook.com/uplbmass1973*) during the organization's celebration of the 33rd Mathematical Sciences Week.
E. The UPLB Mathematical Sciences Society reserves the right to extend the submission deadline. In case of such adjustments, registered participants will be notified *via* email.

III. VIDEO SPECIFICATIONS
A. Participants shall create a **1 to 3-minute-long video** that explains about budgeting and investing in relation to the 34th Mathematical Sciences Week theme - *"FUTURE SECURED: Optimizing Finances Using Mathematics"* . The video must contain factual information, proper credits shall be given to all used information, music, etc. at the end of the video. Moreover, the video should NOT contain foul, offensive, or controversial content.
B. Only one entry may be submitted per participant.

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C. The video must be original and may be in the form of a TikTok-style video (talking video, role play, etc), animation, shorts, etc. It can be in **any orientation** of choice and should be of good quality. It should be submitted in either of the following file formats: **MP4, MOV, or AVI.**

D. The video may be done in English or Tagalog. The use of subtitles is optional.

IV. WINNERS AND PRIZES

A. Participants will receive e-certificates for their participation.

B. There will be three winners for this competition. The 1st Place, 2nd Place, and 3rd Place Winners shall be chosen based on the following criteria:

Accuracy of Information	30%
Relevance to the Theme	30%
Creativity	20%
Originality	10%
Production or Technical Quality	10%
TOTAL	**100%**

C. The People's Choice Award will be awarded to the entry who will garner the most number of reactions on Facebook. Participants may share and promote their entries; however, they are discouraged to spam their entries with comments or shares to prevent bias during the voting period.

D. The judges' decision is final and irrevocable.

E. Winners will receive e-certificates of recognition and the corresponding cash prizes:

Place	Prize
1st Place	PhP 3,000 cash
2nd Place	PhP 2,000 cash

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3rd Place	PhP 1,000 cash
People's Choice	PhP 1,000 cash

F. The winners of this competition will be announced *via* Facebook Live at the UPLB MASS' Official Facebook Page on October 22, 2022. A separate post containing the winning entries will also be published on the said page.

4) INFOGRAPHICS MAKING COMPETITION

I. ELIGIBILITY
A. This Infographics Making Competition is open to all bonafide students enrolled at the University of the Philippines Los Baños.
B. There is **no entry or registration fee** for this competition.
C. Participation in this competition means adhering to the contest guidelines set by the UPLB Mathematical Sciences Society.

II. REGISTRATION REQUIREMENTS AND DEADLINES
A. Interested participants should register through the provided *Google Form Link* to secure their slots for this competition. The registration period shall start on **September 12, 2022 at 10:00 AM** and will end on **September 30, 2022 at 11:59 PM**. Only a maximum of **30 participants** will be accommodated, following a first come, first served basis. A registration confirmation will be sent *via* email on or before September 30, 2022.
B. Upon registration, participants shall submit a copy of their *UP ID (or any valid ID)* and *Proof of Enrollment (i.e. Form 5 or Screenshot of Schedule)* for the First Semester of A.Y. 2022-2023.
C. All entries must be submitted on or before the deadline: **October 3, 2022** at **11:59 PM** through the provided *Google Form Link*. Entries submitted after the deadline may be disqualified.
D. All entries will be posted in the official Facebook Page of UPLB MASS (*facebook.com/uplbmass1973*) during the organization's celebration of the 33rd Mathematical Sciences Week.
E. The UPLB Mathematical Sciences Society reserves the right to extend the submission deadline. In case of such adjustments, registered participants will be notified *via* email.

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📞 +639287301840   ✉ admin@uplbmass.org   f 🐦 📷 @uplbmass1973

III. DESIGN SPECIFICATIONS

A. Participants must create an infographic that explains any concept or idea about budgeting and investing in relation to this year's Mathematical Sciences Week theme - *"FUTURE SECURED: Optimizing Finances Using Mathematics"*. The infographic must only contain factual information, properly referenced in **APA format**. Moreover, the infographic should NOT contain foul, offensive, or controversial content.

B. Only **one entry** may be submitted per participant.

C. The entries must be written/composed in **English**.

D. The dimensions of the infographic must be **11 x 17 inches** in size and in **portrait orientation**. It must be submitted in **JPEG format** which **shall not exceed 20 MB in size**.

IV. WINNERS AND PRIZES

A. Participants will receive e-certificates for their participation.

B. There will be three winners for this competition. The 1st Place, 2nd Place, and 3rd Place Winners shall be chosen based on the following criteria:

Accuracy of Information	30%
Conciseness	20%
Creativity	20%
Relevance to the Theme	20%
Spelling and Grammar	10%
TOTAL	**100%**

C. The People's Choice Award will be awarded to the entry who will garner the most number of reactions on Facebook. Participants may share and promote their entries; however, they are discouraged to spam their entries with comments or shares to prevent bias during the voting period.

D. The judges' decision is final and irrevocable.

E. Winners will receive e-certificates of recognition and the corresponding cash prizes:

Place	Prize
1st Place	PhP 3,000 cash
2nd Place	PhP 2,000 cash
3rd Place	PhP 1,000 cash
People's Choice	PhP 1,000 cash

F. The winners of this competition will be announced *via* Facebook Live at the UPLB MASS' Official Facebook Page on October 22, 2022. A separate post containing the winning entries will also be published on the said page.

5) PUZZLE OF THE DAY

I. The Puzzle of the Day is open to all interested participants nationwide. This contest will run from **October 17, 2022 to October 21, 2022.**

II. There is **no entry or registration fee** for this contest.

III. To join this mini-contest, participants must wait for the puzzle to be published on the official page of UPLB MASS (facebook.com/uplbmass1973) every **10:00 AM** and submit their answers through the designated *Google Form* for the puzzle. Only one response may be submitted per participant.

IV. Participants will be required to share their answer to the puzzle publicly by sharing the Puzzle of the Day post.

V. The deadline for submission of answers will be every **6:00 PM** of that day.

VI. There will be two (2) winners for this contest: the first participant who answered the puzzle correctly and a randomly chosen participant who also answered the puzzle correctly.

VII. The names of the winners, together with the solution to the puzzle, will be posted in the Facebook Page of UPLB MASS every 8:00 PM of that day.

VIII. Winners shall receive Php 150 each. The processing of prizes will happen after the event has concluded.

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6) PUZZLE OF THE WEEK

I.   The Puzzle of the Week is open to all interested participants nationwide. This contest will run from **October 17, 2022 to October 21, 2022.**

II. There is **no entry or registration fee** for this contest.

III. To join this mini-contest, participants must wait for the puzzle to be published on the official page of UPLB MASS (facebook.com/uplbmass1973) on October 17, 2021 at **10:00 AM** and submit their answer through the designated *Google Form* for the puzzle. Only one response may be submitted per participant.

IV. Participants will be required to share their answer to the puzzle publicly by sharing the Puzzle of the Week post.

V.   The deadline for submission of answers will be on **October 21, 2022 at 6:00 PM** in the evening.

VI. There will be two (2) winners for this contest: the first participant who answered the puzzle correctly and a randomly chosen participant who also answered the puzzle correctly.

VII. The names of the winners, together with the solution to the puzzle, will be posted in the Facebook Page of UPLB MASS on October 21, 2022 at 8:00 in the evening.

VIII. Winners shall receive Php 500 each. The processing of prizes will happen after the event has concluded.