

DepEd Regional Advisory No. 172, s. 2021
December 14, 2021

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 deped.in/ro8issuances)

25th YOUTH MATHEMATICS, SCIENCE, AND TECHNOLOGY (YMSAT) FESTIVAL

Attached is a letter from Lawrence Y. Madriaga, PhD., Campus Director, Philippine Science High School Main Campus, inviting students from Grades 4 -12 to participate in the Tagisan ng Mathtitinik 2022 and Philippine Online Physics Olympiad from February 16 to March 2, 2022, details of which are stipulated in the attached letter.

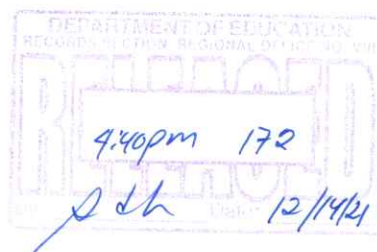
Participation of both public and private schools shall be subject to the *no-disruption-of-classes policy* stipulated in DepEd Order No. 9, s. 2005 entitled *Instituting Measures to Increase Engaged Time-on-Task and Ensuring Compliance Therewith*.

WESLEY GAVIN G. PALOMAR
Head Organizer, Tagisan ng Mathtitinik 2022
tagisanpisay@gmail.com

KIERSTEN GENE CALUBAQUIB
Head Organizer, Philippine Online Physics Olympiad
ymsat2022@pshs.edu.ph

Considering that this is an Advisory, Schools Division Superintendents are given the discretion to act on this matter.

CLMD-SSC
DepEd RO8 ATA-F21 (CY2018-v03-r00)





Republic of the Philippines
 Department of Science and Technology
PHILIPPINE SCIENCE HIGH SCHOOL MAIN CAMPUS
 Agham Road, Diliman, Quezon City
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08 December 2021

EVELYN R. FETALVERO, CESO IV
 Regional Director
 Department of Education – Region VIII
 Palo, Leyte

OFFICE OF THE DIRECTOR IV
 Date Received: 10 DEC 2021 9:59
 Date of This Report: 13 DEC 2021 7:15

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DEPARTMENT OF EDUCATION
RECEIVED
 REGIONAL OFFICE REGIONAL OFFICE NO. VIII
 DEC 10 2021
 BY: [Signature] TIME: 9:30

Dear Dir. Fetalvero:

Greetings!

We are pleased to inform you that the Philippine Science High School Main Campus will host its **25th Youth Mathematics, Science, and Technology (YMSAT) Festival** from February 9 to March 2, 2022. The festival seeks to underscore the importance of learning from the past and exercising strategic foresight in an ever-changing global landscape, hence the theme *“STEM Through the Looking Glass: Learning from the Past, Gearing Up for the Future”*. The theme is also aligned with the United Nation’s designation of 2022 as the International Year of Glass.

Several activities for teachers and students are lined up to achieve the goals of the Festival. We requested from the DepEd Central Office an advisory endorsing these activities, but it is yet to be released by the Publications Unit. While waiting for the advisory to be published, we humbly ask your endorsement to expedite the dissemination of information about two competitions that we are preparing for **elementary and high school students: *Tagisan ng Mathtitinik 2022*** and ***Philippine Online Physics Olympiad***. Provided below are basic information regarding these competitions.

| Tagisan ng Mathtitinik 2022 | |
|------------------------------------|---|
| Target Participants | Two teams comprising six (6) members from Grades 4 to 6, and one <i>optional</i> alternate participant <i>(Total of 12 or 13 participants per school)</i> |
| Registration Period | December 8, 2021 to January 19, 2022 |
| Registration Link | https://bit.ly/Tagisan2022Registration |
| Competition Date and Time | February 16, 2022 (Wednesday), 8:00 AM to 6:00 PM |
| Competition Platforms | Zoom, Google Classroom |



| Philippine Online Physics Olympiad | |
|---|--|
| Target Participants | Junior Category: Grade 7 to 10 Senior Category: Grade 11 and Grade 12 Students may participate in teams of up to 3 members , where teammates may be from different grade levels and/or different schools. Note, however, that a student can be part of at most one (1) team only. |
| Registration Period | January 1, 2022 (12:00 AM) to February 11, 2022 (11:59 PM) |
| Registration Link | To be posted on our YMSAT Facebook page (https://www.facebook.com/ymsat2022) |
| Competition Date and Time | February 16, 2022 to March 2, 2022 (see attached guidelines for schedule) |
| Competition Platforms | Competition proper: http://pipho-official.42web.io/ Opening Ceremony, Discussion Forum, Closing Ceremony: Zoom and/or Google Meet |

For more details, please see the attached guidelines for each competition. Interested participants may also send their queries to the competition organizers:

Wesley Gavin G. Palomar
Head Organizer, Tagisan ng Mathtitnik 2022
tagisanpisay@gmail.com

Kiersten Gene Calubaquib
Head Organizer, Philippine Online Physics Olympiad
ymsat2022@pshs.edu.ph

For information regarding other YMSAT Festival activities for students and teachers, interested participants may visit and follow our official Facebook page (<https://www.facebook.com/ymsat2022>) or send us an email at ymsat2022@pshs.edu.ph.

Email Address: ocd.mc@pshs.edu.ph

Telephone No. (02) 8929 1606



Republic of the Philippines
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Thank you very much for your consideration, and we look forward to your favorable response to our request!

Sincerely,


LEO ANDREI A. CRISOLOGO
25th YMSAT Festival Co-Chair


MELODEE T. PACIO
25th YMSAT Festival Co-Chair

Noted by:


LAWRENCE V. MADRIAGA, Ph.D.
Campus Director



Republic of the Philippines
Department of Science and Technology
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**The Principal/School Head
Elementary School Department**

Dear Sir/Madam:

Greetings!

Tagisan Pisay is inviting your school to participate in the **Tagisan ng Mathitinik 2022**. The competition aims to promote the importance of Mathematics among elementary students, and to spark their interest in pursuing high level Mathematics in the future. Moreover, the event aims to promote teamwork and collaboration among the students which are important skills in the 21st century.

The details of the competition are as follows:

DATE: February 16, 2022 (Wednesday)

TIME: 8:00 AM - 6:00 PM

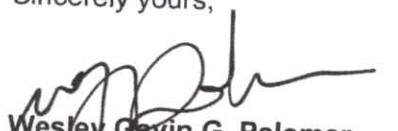
PLATFORMS: Zoom, Google Classroom

A maximum of **two (2)** teams consisting of **six (6) members** each from **Grades 4-6** and **one (1) optional alternate** may be sent by the school to participate.

Included in this letter are the competition guidelines. If you wish to participate, please fill up the registration form (bit.ly/Tagisan2022ConsentForm) by January 19, 2022 and send the registration requirements to tagisanpisay@gmail.com by February 2, 2022. You may also contact Tagisan Pisay at tagisanpisay@gmail.com for additional inquiries about the competition.

Your participation in this competition would be highly appreciated. We hope to see you there!

Sincerely yours,


Wesley Gavin G. Palomar
Head Organizer, Tagisan 2022

Noted by:


Mr. Paolo Luis DG Apolinario
Adviser, Tagisan Pisay



About Tagisan

Tagisan is a math competition for elementary students organized annually by the Math Training Program students of Philippine Science High School - Main Campus as an event for the school's Youth Math Science and Technology (YMSAT) Week. The competition aims to promote the importance of Mathematics among elementary students, and to spark their interest in pursuing high level Mathematics in the future.

Eligibility

1. Tagisan ng Mathitnik is open to all schools in the Philippines
2. Each school can send up to two teams composed of six students from grades 4-6.
3. (Optional) Each team may also assign an alternate in case a member of the team is unable to participate.
4. Contestants are required to prepare a camera so that their set-up (both hands and scratch paper) and self can be seen clearly.

Registration Procedure

1. The Registration Period will be from December 8, 2021 to January 19, 2022 as announced through the official Facebook page (<https://www.facebook.com/tagisanpisay>).
2. Coaches must fill out the registration form once for each team through this Google form: <https://bit.ly/Tagisan2022Registration>
3. A Declaration and Consent Form (bit.ly/Tagisan2022ConsentForm) must be filled out by the parents or legal guardians of each contestant.
4. After filling out the registration form, the required documents should be sent to tagisanpisay@gmail.com with the subject header "[School] Registration Requirements" to confirm their registration.
5. The deadline for confirmation is on February 2, 2022
6. Our team will process the documents and release the official team number along with the detailed contest instructions and program flow upon confirmation.

Contest Mechanics

General Guidelines

1. Announcements will be sent through email and the Google Classroom.
2. Students must download all files sent to them before the contest.
3. Contestants may use the following materials only:
 - a. writing materials (pencils, pens)
 - b. correction materials (erasers, correction tape/fluid)
 - c. clean sheets of paper
 - d. (optional) whiteboard
4. The use of calculators, protractors, and rulers are not allowed at any point in the competition.
5. Proctors are only allowed to answer questions regarding the instructions.
6. All answers are only whole numbers from 0 to 999 (AIME Format).
7. Any contestant found cheating during the competition will automatically disqualify their entire team.
8. Any contestant not following instructions from their proctor or displaying inappropriate behavior are grounds for disqualification.
9. Tagisan ng Mathitnik will be on February 16, 2022 (Wednesday) and will be composed of three rounds - the Individual, Team, and Collaborative Relay rounds.



Before the Competition

1. Students are expected to start entering the Zoom call at least 10 minutes before the schedule. Any changes in the schedule will be informed through the Google Classroom.
2. Students must follow the prescribed Zoom display name format to be admitted in the Zoom call for identification purposes.
3. Contestants may wear any casual attire free of holes and tears - school uniforms are not required - but it is highly encouraged for contestants to wear tops with sleeves.
4. A dry run will be conducted on February 12, 2022, in order for the contestants to be familiar with the flow of the competition.

Individual Round

1. All students, including alternates, will take the Individual Round
2. The Individual Round consists of 30 questions to be answered in 60 minutes.
3. Questions 1 - 20 are worth 3 points and Questions 21 - 30 are worth 4 points.
4. A password-protected PDF file containing the Individual Round questionnaire and the answer sheet Google Form will be sent prior to the competition.
5. The timer starts once the proctor sends the password to open the questionnaire.
6. Students may fill in the answer sheet during the competition.
7. The proctor will give a 10-minute, a 5-minute, and a 1-minute warning.
8. After 60 minutes and the "pencils down" order is given, each student will be given only one minute to finalize their answers in the Google Form and hit submit.
9. Only responses received before the time allotted will be graded.
10. The Team score will be determined by the sum of the individual scores of the students in the team. The scores of the alternates are not included in their respective team's score.
11. The Top 20 teams with the highest scores will be announced through Google Classroom and proceed to the Team Round.
12. The Top 10 Individual scorers will also be recognized.

Team Round

1. The Team Round consists of 15 questions and each team will have 45 minutes to solve the questions.
2. First 10 questions will be 5 points each and the last 5 questions will be 10 points each.
3. The timer starts once the proctor sends the password to open the questionnaire.
4. The proctor will give a 3-minute and a 1-minute warning.
5. At the end of the round, the team will relay their answers to their proctor who will submit the answers online.
6. Only one student is allowed to dictate the answers to the proctor. Any response from their teammates will not be considered by the proctor.
7. The proctor will read the answers for confirmation and submit for the team.
8. The team has the option to submit a paper backup of their answers in case of protests regarding the online submissions. The paper must contain your team's name on top, question number on the left side, and the corresponding answer beside it. Email the picture of the paper to tagisanpisay@gmail.com before the next round. Make sure it is readable.
9. The Top 10 teams with the highest scores will be announced on Zoom and proceed to the Collaborative Relay Round.
10. The Top 3 Teams will also be recognized.



Collaborative Relay Round

1. The Collaborative Relay Round is composed of 5 Relay Sets.
2. For each Relay Set, each team is broken down into squads of 3. A1+A2+A3 and B1+B2+B3 form the two relay squads.
3. Each squad will have 5 minutes to answer 3 questions that they can work on collaboratively. Squads may not share or discuss questions with other squads.
4. The answer to the first question (referred to as "the number you will receive" or TNYWR) will be used to solve the second question, and the answer to the second question will be used in the third question.
5. The time starts once the proctor sends the password to open the questionnaire.
6. The proctor will give a 30-second and a 10-second warning.
7. After the time and the "pencils down" order is given, the squad will relay their answers to their proctor who will submit the answers online.
8. The proctor will read the answers for confirmation and submit for the squad.
9. All relay questions are worth points. The first question is worth 2 points, the second is worth 3 points, and the third is worth 5 points.
10. The squad has the option to submit a paper backup of their answers in case of protests regarding the online submissions. The paper must contain your team's name and squad letter on top, question number on the left side, and the corresponding answer beside it. Email the picture of the paper to tagisanpisay@gmail.com before the next round. Make sure it is readable.
11. The Top 3 Relay Squads will also be recognized.

Score computation

Overall Team Score (Perfect = 300): Team + Relay Squad A + Relay Squad B + Average of Individual

Tiebreakers

1. For the Individual Round:
 - a. The highest scores in the tied teams will be compared. The team whose highest score is higher will rank above the other team
 - b. In case of another tie, the next highest scores will be compared and so on.
2. For the Team and Collaborative Relay rounds
 - a. The team round scores will be compared. The team whose team round score is higher will rank above the other team.
 - b. In case of another tie, the collaborative relay scores will be compared.
 - c. In case of another tie, the total individual scores will be compared.

Awards

Overall Top 3 Teams - Medals, e-certificates
Top 3 Relay Squads - e-certificates
Top 3 Team Round Scorers - e-certificates
Top 10 Individual Top Scorers - e-certificates



2022 PHILIPPINE ONLINE PHYSICS OLYMPIAD Guidelines

1. The Olympiad is open to all Grade 7 to Grade 12 students in the Philippines. Students may participate in teams of up to 3 members, where teammates may be from different grade levels (in consideration of team categories) and/or different schools. However, each student can only be part of at most one team only.
2. There will be two categories for the Olympiad:
 - a. Junior Category – for students from Grades 7 to 10
 - b. Senior Category – for students from Grades 11 and 12
3. The competition will be held online via our website (<http://pipho-official.42web.io/>) and Zoom.

4. The Olympiad will follow this schedule:

| Date | Activity |
|-------------------------------------|-----------------------|
| February 16, 2022 (9 AM – 11:50 AM) | Opening Ceremony |
| February 16, 2022 (12:00 NN) | Contest proper begins |
| February 23, 2022 (12:00 NN) | Contest proper ends |
| February 23, 2022 (1:00 PM) | Discussion Forum |
| March 2, 2022 (9:00 AM to 11:50 AM) | Closing Ceremony |

5. Links to the Zoom meetings will be sent to successful registrants via email.
6. The registration will open on January 1, 2022 at exactly 12:00 AM and will close on February 11, 2022 at 11:59 PM.
7. The registration link and more detailed guidelines will be posted on the official YMSAT Facebook page (<https://www.facebook.com/ymsat2022>).
8. The top 3 teams of each category will be awarded 1st, 2nd, and 3rd places, respectively. Moreover, winners of the two official categories are eligible for the cash prize of PhP 3000, 2000, and 1000 for 1st, 2nd, and 3rd, respectively. Certain special awards may also be garnered by teams who accomplish a specific set of tasks (these awards encompass all categories).

*Please follow the 2022 YMSAT official Facebook page to get notified on POPO updates.