



Republic of the Philippines
Department of Education
REGION I



REGIONAL MEMORANDUM

No. 831 s. 2024

**INVITATION FOR STUDENTS TO PARTICIPATE IN THE PATALASAN SA
#YAMANGKALAWAKAN IDEATION CONTEST OF THE
PHILIPPINE SPACE AGENCY**

To: Schools Division Superintendents

1. In celebration of the Philippine Space Week, the Philippine Space Agency (PhilSA) shall conduct the “Patalasan sa #YamangKalawakan”, an ideation competition on the creation of a one (1) minute video explaining the benefits of space resources in the everyday lives of Filipinos in the elimination round, and designing and building a satellite model in the final round on August 8-14, 2024 in Quezon City.
2. The activity aims to promote interest in the space science and technology applications among Senior High School students. Specifically, it aims to:
 - a. encourage learners to further their interests and aptitude in space science and technology applications;
 - b. design and build a satellite model using a given set of materials;
 - c. demonstrate creativity, teamwork, planning, negotiation, and presentation skills in carrying out a task; and
 - d. enthuse learners to STEM careers with focus in space and technology applications.
3. Interested Senior High School students and their coaches from public and private schools are invited to join this competition by submitting the: a.) link of the crafted video, b.) declaration of originality of the video, and c.) endorsement of the school head through the link: <https://bit.ly/PatalasanYM> on or before July 21, 2024.
4. Attached is the letter from Dr. Gay Jane P. Perez, Deputy Director General for Space Science and Technology and the Contest Mechanics for reference.
5. For more information, all concerned may contact Mr. Joseph Gutierrez, Supervising Science Research Specialist at cp number +639193157082 or through email at sesd@philsa.gov.ph.

6. For information, dissemination and guidance.

For the Regional Director:



OSCAR P. FLORES
Chief Education Supervisor
Quality Assurance Division



Encl.: As stated

Reference: Letter from PhilSA dated July 3, 2024

To be indicated in the Perpetual Index

Under the following subjects:

CONTESTS

SPACE SCIENCE

CLMD/jdcjr/RM_PatalasanSaYamangKalawakanIdeationContest
July 18, 2024



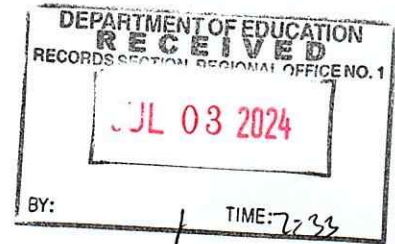
Republic of the Philippines
Office of the President
Philippine Space Agency



**OFFICE OF THE DEPUTY DIRECTOR GENERAL
Space Science and Technology**

June 26, 2024

DR. TOLENTINO G. AQUINO
Regional Director
Department of Education- Region I
San Fernando City, La Union



**Subject: INVITATION FOR STUDENTS TO PARTICIPATE IN THE
PATALASAN SA #YAMANGKALAWAKAN IDEATION CONTEST OF
THE PHILIPPINE SPACE AGENCY**

Dear Dr. Tolentino:

Greetings from the Philippine Space Agency!

Established in August 2019 by virtue of RA 11363, the Philippine Space Agency (PhilSA) is the central government agency mandated on addressing all national issues and activities related to space science and technology applications. This coming August 8-14, PhilSA will celebrate the Philippine Space Week and 5th Anniversary through various activities, one of which is an Ideation Competition dubbed "Patalasan sa #YamangKalawakan."

The ideation competition is open to incoming or current Senior High School students from any public or private school. It aims to promote interests in space science and technology applications among high school learners. There are two rounds in the competition which consist of creating a 1-minute video in the elimination round, and designing and building a satellite model in the final round.

In connection with this, we are requesting your good office to disseminate this invitation to all public and private schools within your region. Interested students and their coach are required to submit the following: (a) link to the video, (b) declaration of originality of the video, and (c) endorsement of the school head, via this link: <https://bit.ly/PatalasanYM>

Enclosed are the following for your kind perusal and reference.

- a. Contest Mechanics
- b. Template of Declaration of Originality of the Video and Endorsement of the school head

PhilSA will contact the qualifiers to the final round after the evaluation and judging of the videos. Similarly, the name of the schools which qualify to the final round will be posted on the social media page of the agency.



For questions and clarifications, interested persons may contact Mr. Joseph Gutierrez, Supervising Science Research Specialist, Space Education and Scholarships Division at +63-919-315-7082 or at email sesd@philsa.gov.ph.

Hoping that this request merits your favorable action.

Thank you very much.

Sincerely, yours,


GAY JANE P. PEREZ, PhD
Deputy Director General for Space Science and Technology

*Enclosure: Contest Mechanics for the Patalasan sa #YamangKalawakan
Template of Declaration of Originality of the Video and Endorsement of the
School Head*

**General Mechanics:
Patalasan sa #YamangKalawakan Ideation Contest for High School Students for
the Philippine Space Week**

Objectives:

The Patalasan sa #YamangKalawakan aims to promote interest in space science and technology applications among high school learners. Specifically, it aims to

- a. Encourage learners to further their interests and aptitude in space science and technology applications
- b. Design and build a satellite model using a given set of materials
- c. Demonstrate creativity, teamwork, and planning, negotiation, and presentation skills in carrying out a task
- d. Enthuse learners to STEM careers with focus in space science and technology applications

A. General Information

1. The contest is a team competition and is open to incoming/current Senior High School students by July from any public or private school. The team shall consist of two (2) Senior High School students from the same school. PhilSA encourages gender-inclusivity in the team composition.
The teacher-coach of the students shall be from the same school. He/she shall accompany the students to the final round of the competition.
2. Relatives of the Philippine Space Agency (PhilSA) employees up to the 2nd degree of consanguinity and affinity are ineligible from joining the contest.
3. A school can only send one (1) entry. An endorsement letter signed by the school head shall be submitted with the video entry.
4. Substitution of contestants in the final round shall not be allowed.
5. The contest consists of two rounds:
 - a. Elimination round which is the creation of a 1-minute video explaining the benefits of space resources in the everyday lives of Filipinos.
 - b. Final round where Top 9 finalists plan, design, and build a satellite model that can implement a specific space mission. The Final Round shall be conducted in-person on August 10, 2024, in Quezon City.
6. The teams and their coaches shall be flown in and billeted for one night. The expenses for the air fare, transportation, lodging and accommodation shall be covered by PhilSA through reimbursement. Participants are required to present and submit the original receipts addressed to the Philippine Space Agency to claim the reimbursement.
7. The winners in the final round shall be awarded the following cash prizes:

Champion-	PhP 30,000.00
First Runner Up-	PhP 20,000.00
Second Runner Up-	PhP 10,000.00
8. The videos of the Top 9 finalists shall be posted on the official PhilSA social media page. The video with the most likes shall be given a special award.
9. The Panel of Judges' decision in the elimination and final round is final.

B. Contest Rules

I. Elimination Round

1. The team shall submit a 1-minute video in Filipino or English that articulates the theme of the Philippine Space Week "Yamang Kalawakan ay Likas sa Ating Bagong Pilipinas."

2. The submission should follow the following specifications:

- At least 720p resolution, horizontal orientation
- Video must be uploaded on YouTube as "unlisted" with the link provided in the submission.
- All student members of the team must be present in the video, either simultaneously or sequentially.

3. The submission of video entries is until July 21, 2024. The participants shall be required to fill out a submission form and upload the YouTube link of their entries via this link: <https://bit.ly/PatalasanYM>.

Additionally, they shall also upload a signed and scanned Declaration of Originality and Endorsement from the school head. The file shall be in PDF format. Use the following filename format:

Region_Schools_Division_School

(Example: Region V_Catanduanes_Pandan National High School)

4. The videos shall be judged based on the following criteria:

Criteria	Description	Weight
Content Narrative	The narrative of the video must be meaningful, clear, and relevant.	60%
Creativity	The video essay must be unique and must stand out among other submissions.	30%
Technical Execution	The video must be well-planned with smooth transitions and edits. The sound and visual elements are also appropriate.	10%
TOTAL		100%

5. There shall be a total of nine (9) finalists which shall be composed of the following:

- Three (3) teams from Luzon
- Three (3) teams from Visayas
- Three (3) teams from Mindanao

6. All qualified teams (composed of two (2) students and one (1) coach) shall be entitled to the following:

- Actual cost of the most economical transportation to and from Metro Manila (including airfare, ferry, and/or bus)
- Daily Travel Expenses

The amount that may be reimbursed shall be in accordance with EO 77 s. 2019 or the Rules and Regulations and Rates of Expenses and Allowances for Official Local and Foreign Travels of Government Personnel. Participants are advised not to incur any expenses until they have received formal confirmation of qualification to participate in the Final Round.

7. Intellectual Property of the submitted videos shall be owned by the students. Permission will be given to PhilSA to upload the videos in its social media page.

II. Final Round

1. In the final round, participants will compete through an ideation contest. They will be asked to design and build a satellite model which can be used to solve a particular problem. Specifically, they are expected to:
 - a. Design a satellite model that can implement a specific space mission.
 - b. Plan a course of action on how to build the satellite model. This includes resource allocation, time management, and task assignment among the team members.
 - c. Build the satellite model.
 - d. Present their output to the Panel of Judges.
2. The problem, materials, time allocation, specifications of the satellite model and other pertinent rules in the construction of the satellite model will be announced before the start of the final round. The participants will be required to attend the briefing in the afternoon of August 9, 2024, at the PhilSA Office, where the participants will be provided with necessary information in preparation for the final round.
3. The final round will be held on August 10, 2024, 10:00 AM -4:00 PM at Gateway 2 Mall, Cubao, Quezon City.
4. Each team shall bring their own laptop during the final round. Only one (1) laptop is allowed per team.
5. The Criteria for Judging shall consist of the following:

Criteria	Description	Weight
Understanding the Mission	The team demonstrates a clear understanding of the satellite's purpose and goals. Based on the given mission statement and objectives, they have developed relevant and well-defined requirements for the satellite's design.	15%
Satellite Design	The design is creative, innovative, and well-suited for the mission. The team has made appropriate choices in selecting satellite components. The overall design effectively balances quality, build time, and cost considerations. The team demonstrates a thoughtful approach to working within or justifiably exceeding the given constraints.	55 %
Presentation	The team clearly and effectively communicates their design choices and rationale. Their presentation is well-organized and easy to follow. The team demonstrates strong problem-solving skills and can justify their decisions.	15 %
Physical Model of the satellite	The physical model accurately represents key aspects of the satellite design. It demonstrates the team's understanding of the satellite's structure and major components. The model is well-constructed and effectively used to explain design concepts. The team can articulate how the model reflects important engineering decisions and trade-offs made in the virtual design.	15 %
TOTAL		100%

Declaration of Originality of the Video and Consent to Upload

1. We, (name of students and coach), warrant that all the contents of the video are original. Should there be any third-party content in the video, all the necessary permissions, and clearances from the intellectual property right owner/holder have been obtained and all appurtenant obligations have been shouldered by the undersigned. We shall hold PhilSA free and harmless from all claims and liabilities on the intellectual property rights over the video.
2. We, (name of students and coach), acknowledge the authority of PhilSA over the evaluation of the video, and that we will abide by the judgement and decision of PhilSA, which is understood and accepted as final.
3. We, (name of students and coach), express our consent to upload the video in the social media page of PhilSA.

By signing below, we, (name of students and coach), conform and bind to the above declarations. Should we violate or fail to honor any of the above declarations, such violation could be a sufficient ground to disqualify the video we have submitted.

Name of Student 1	
Signature of Student 1	
Date	

Name of Student 2	
Signature of Student 2	
Date	

Name of Coach	
Signature of Coach	
Date	

CERTIFICATION AND ENDORSEMENT

This is to certify that the students whose names and signatures appear above are bona fide students at this school. This is also to officially endorse their entry to the Patalasan sa #YamangKalawakan competition.

Name of School Head	
Signature of School Head	
Designation/ Position	
Name of School	
Region and Schools Division	
Date	