



July 17, 2019



**REGIONAL ADVISORY**

No. 102, s. 2019

**30<sup>th</sup> NATIONAL YOUTH SCIENCE, TECHNOLOGY AND ENVIRONMENT  
SUMMER CAMP (NYSTESC)**

**TO: Schools Division Superintendents**  
This Region

1. This office is hereby disseminating the communication from Philippine Society of Youth Science Club (PSYSC), Inc., informing the field of the **30<sup>th</sup> NATIONAL YOUTH SCIENCE, TECHNOLOGY AND ENVIRONMENT SUMMER CAMP (NYSTESC)** on July 26-29, 2019 at La Virginia Hotel and Resort, Manggahan, Mataas na Kahoy, Batangas. This year's theme is Synergon: Initializing the Power Protocols.
2. The said event aims to heighten the interest and awareness of science clubbers on a specific field of science through lectures and interactive workshops while developing their interpersonal skills through interaction with different students from different cultures.
3. Other relevant information about the said workshop is indicated in the attached communication.
4. Participation of teachers and students shall be on voluntary and on official time only.
5. Those who are interested to participate are advised to strictly adhere to the *No-Disruption of Classes* policy stipulated in DepEd Order 9s, 2005, entitled *Instituting Increase on Time-on-Task and Ensuring Compliance Therewith*.
6. Dissemination of this advisory is desired.

  
**FRANCIS CESAR B. BRINGAS**  
Schools Division Superintendent  
OIC – Office of the Regional Director

CLMD05/gsa  
07/17/2019

DCC No.

DepEdRO13-F-REC-008/R0/5-7-2019

Document Tracking No.



2019-07-10079



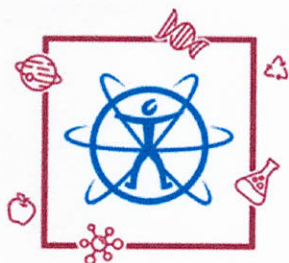
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## Pambansang Kapisanan ng mga Kabataan Samahan sa Agham (PHILIPPINE SOCIETY OF YOUTH SCIENCE CLUBS), Inc.

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June 17, 2019

DR. FRANCIS CESAR B. BRINGAS  
Regional Director-OIC  
Department of Education – Region XIII  
Km. 3, Libertad St. Butuan City

Dear Director Bringas,

Greetings from the Science Clubbing Movement!

The Pambansang Kapisanan ng mga Kabataan Samahan ng Agham (Philippine Society of Youth Science Clubs), Inc. is a country-wide organization committed in upholding the significance of science clubbing and in promoting public understanding of science, technology and environment. In a span of 48 years, the PSYSC has conducted positive, practical, and realistic activities and programs for elementary and high school students which enhance their academic perspective and their environmental and social awareness.

This year, PSYSC will be conducting the 30th National Youth Science, Technology, and Environment Summer Camp (NYSTESC) with the theme, **SYNERGON: Initializing the Power Protocols**. This event will be held in **LA VIRGINIA HOTEL AND RESORT AT MANGGAHAN, MATAAS NA KAHAY, BATANGAS** from **July 26 to 29, 2019**. NYSTESC is a four-day activity for high school science club members and advisers across the Philippines. It aims to heighten the interest and awareness of science clubbers on a specific field of science through lectures and interactive workshops while developing their interpersonal skills through interactions with students from different cultures. For this year, our topic is **ENERGY SYSTEMS**, the study of **how energy is produced, converted, utilized, and stored**.

In line with this, we would like to seek your support by helping us in disseminating this information through advisories, or if possible a memorandum to schools in your region. We have attached the materials needed for your reference. The organization is eager to impart this experience to the youth. With your aid, we can train young minds into becoming environmentally-aware and socially active citizens of this country.

We are hoping for your positive response. Please allow us to follow up on this matter on [Date of follow up]. Should you have any questions, please do not hesitate to contact us through the numbers indicated above and look for Ms. Rosalinda Aber (Administrative Officer). You may also approach us through Ms. Karlee Christine Calope at 09950627123.

Thank you very much and more power!

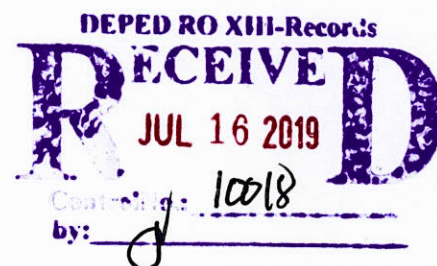
In service of the Filipino Youth

**KARLEE CHRISTINE CALOPE**  
Directress  
National Youth Science, Technology,  
and Environment Summer Camp 2019

Noted by:

**KENT ELMANN CADALIN**  
President  
PSYSC National Executive Council 2017-2019

**DR. MANOLO G. MENA**  
Chairperson  
PSYSC Board of Trustees



**PSYSC**<sup>TM</sup>  
*We Make Science Clubbing Fun*

## WHAT IS PSYSC?

The **Pambansang Kapisanan ng mga Kabataan Samahan ng Agham (Philippine Society of Youth Science Clubs), Inc.** is a countrywide organization of science clubs in the country. It organizes and conducts activities and programs that aim to promote its thrust, the **Public Understanding of Science, Technology, and Environment (PUSTE)**. As a society, the PSYSC shall contribute to the formation of values and attitudes among the youth for the appreciation and application of ST&E concepts appropriate to the changing needs of the Filipino community.

The PSYSC envisions itself as a dynamic, relevant, and responsible society of youth science clubs committed to instill scientific, technological, and environmental consciousness among the youth.

The PSYSC, being the frontrunner of the science clubbing movement in the Philippines, conducts its staple activities such as the **National Youth Science, Technology, and Environment Science Camp (NYSTESC)**, **National Science Club Month (NSCM)**, **National Children's Science Interactive Workshop (NCSIW)**, **Science, Technology, Engineering, and Mathematics Expo (STEM EXPO)**, and **Search for the Most Outstanding Science Club (SEARCH)**.

## WHAT IS NYSTESC?

The **National Youth Science, Technology and Environment Summer Camp (NYSTESC)** is a four-day activity for high school science club members and advisers across the Philippines. It aims to heighten the interest and awareness of science clubbers on a specific field of science through lectures and interactive workshops while developing their interpersonal skills through interactions with students from different cultures.

## A. SUBMISSION REQUIREMENTS

- All forms can be downloaded at the [downloadables tab](#) of the Facebook page of NYSTESC at [www.facebook.com/psysc.nystesc](http://www.facebook.com/psysc.nystesc)
- All submissions must be completely and correctly filled out following the sample format.
- All required attachments must be included following the file name format and file type.
- The following pre-registration requirements should be accomplished:

| REQUIREMENT                                                    | FILE TYPE              | FILE NAME                                    | NOTES                                                                                                                                                                                             |
|----------------------------------------------------------------|------------------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Registration Fee                                               | PNG or JPEG file       | NYSTESC 2019 RegFee - <Name of School>       | Send a scanned copy of duly validated deposit slips ( <b>RESERVATION</b> or <b>FULL</b> payment)                                                                                                  |
| Registration Form ( <b>Form 3</b> )                            | PDF file               | NYSTESC 2019 Form 3 - <Name of School>       | Completely fill out the needed information. Download the Doc file and save it as a <b>PDF file</b> after answering.                                                                               |
| List of Participants ( <b>Form 3A</b> )                        | Excel File             | NYSTESC 2019 Participants - <Name of School> | Please fill-out completely and accurately the necessary information needed.                                                                                                                       |
| Waiver Form ( <b>Form 4</b> )                                  | PNG, JPEG, or PDF File | NYSTESC 2019 WForm - <Name of Student>       | Every participating student should print the form and can opt to send back a scanned or hard copy after completing the form. <i>For hard copies, please submit it during registration proper.</i> |
| Affiliation Form ( <b>Form 1</b> ) and Affiliation Fee payment | PNG, JPEG, or PDF File | NYSTESC 2019 AffilForm - <Name of School>    | Additional requirement for <b>NON-AFFILIATED SCHOOLS ONLY</b> . Print a copy and send back a scanned copy of your duly accomplished Form 1.                                                       |

## B. SUBMISSION DEADLINE

All requirements indicated on section **I.A.** should be sent on or before **June 26, 2019** to:

Email Address: [sec.nystesc2019@gmail.com](mailto:sec.nystesc2019@gmail.com)

Email Subject: **NYSTESC 2019 - <Name of School>**

## C. PARTICIPATION

NYSTESC 2019 is only attended by **Grades 7 to 12 science club members and teachers**. Parents of participating science club members can also join, provided that they also **register as teachers**.

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## D. PAYMENT

### REGISTRATION FEE

| MEMBERSHIP     | RESERVED<br>BEFORE/ON<br>DEADLINE | RESERVED<br>AFTER DEADLINE<br>(JULY 5, 2019) |
|----------------|-----------------------------------|----------------------------------------------|
| Affiliates     | PhP 6,000.00                      | PhP 7,000.00                                 |
| Non-affiliates | PhP 9,000.00                      | PhP 10,000.00                                |

- For reservations, a **NON-REFUNDABLE RESERVATION FEE** of **PhP 1,500.00 per participant** is required. Reservations are deductible from the Registration Fee stated above and shall only be recognized upon our acknowledgment of both the deposit and other registration requirements.
- Refer to **Form 1 (Affiliation Form)** for details on how to affiliate with PSYSC.
- Note: Due to increased inflation rates, the registration fee has increased compared to previous years

### PAYMENT PROCEDURE

Land Bank Deposit

Account Number: **0702-1020-65**

Account Name: **Philippine Society of Youth Science Clubs**

### INCLUSIONS

- The registration fee will cover:
  - ◆ Food and lodging (including snacks) from **dinner of Day 1 to dinner of Day 4.**
  - ◆ NYSTESC 2019 Kit (**inclusive of bag, handbook, pen, and ID**)
  - ◆ NYSTESC Shirt
  - ◆ Educational trip expenses
  - ◆ Insurance
- For schools that will be **arriving before July 26, 2019**, board and lodging are **NOT** part of the registration fee.

## E. ACCOMMODATIONS

### EVENT VENUE

The **VENUE** for NYSTESC 2019 will be in the official Facebook page of NYSTESC at [www.facebook.com/psysc.nystesc](http://www.facebook.com/psysc.nystesc)

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## ROOM ASSIGNMENTS

Room assignments will depend on the date of payment of reservation fee and submission of all requirements. Dates of payments will be validated through the date written on the deposit slip

## GETTING TO THE VENUE

Directions to the venue will be posted on the official Facebook page once the final venue has been announced. However, transportation from the airport to the venue and vice versa are **EXCLUSIVE** from the registration fee.

## THINGS TO BRING

- Blanket, toiletries, towel, jacket, and umbrella
- Working clothes and rubber shoes (T-shirts, pants, comfortable clothes)
- All-white outfit and one (1 ) tea candle for Pledge Night
- Drinking water containers
- Medicines
- Costume for Entertainment Night
- Native delicacies with containers for Cultural Night (for teacher participants only)

## NOTES

- Participants may opt to arrive at the venue before the event proper. However, fees involved are **EXCLUSIVE** from the registration fee.
- For early accommodations and other accommodations concerns, please contact **Kuya Val Jason Guerra** and/ or through PSYSC. With the **email subject:**

**Accommodations- < Name of School>**

F. CONTACT INFORMATION

For questions or clarifications, please do not hesitate to contact us through the following:

Email Address: [psysc.nystesc2019@gmail.com](mailto:psysc.nystesc2019@gmail.com)  
Landline Number: [\(02\) 332 8151](tel:(02)3328151) / [\(02\) 263 1358](tel:(02)2631358)  
Facebook: [facebook.com/psysc.nystesc](https://facebook.com/psysc.nystesc)

| Concern        | In Charge                      | Contact number                  |
|----------------|--------------------------------|---------------------------------|
| General        | Karlee Christine Astrid Calope | 0995 062 7123                   |
| Accommodations | Val Jason Guerra               | 0917 118 8822                   |
| Secretariat    | Lee Amherstia Curias           | 0956 381 0214/<br>0961 344 7677 |

## A. POWER PREVIEW

*Towering skyscrapers, busy streets, colorful billboards, glittering lights. At first glance, the cityscape of Metro Sky is nothing more than typical. One may even think that there seems to be nothing exceptional in this city in any way. But the Metro Sky will not be named as such for no reason at all.*

*Hovering a few miles above the surface, this city was built high above the clouds about a hundred years ago by the Energy Regulatory Guild (ERG). The ERG is a group of honorable individuals led by none other than Dr. Calyxen, a man that no one in this city will ever forget.*

*At the heart of the Metro Sky is the Power Vault where the greatest invention of Dr. Calyxen is contained. This is the Synergon, a huge device that powered all the city operations of the Metro Sky until this very moment. All thanks to this remarkable creation of him, the Metro Sky remained afloat for nearly a century now, peacefully isolated from the ruins of the past.*

*On its 100<sup>th</sup> year, the Metro Sky became more powerful than ever. This July, come and join us in celebrating the centennial anniversary of our beloved city. Together, let us explore the wonders of Energy Systems and unveil the secrets of...*

National Youth Science, Technology, and Environment Summer Camp 2019



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## B. TOPICS

### ENERGY SYSTEMS

An energy system is an interrelated network which involves the economical extraction, conversion, transportation, storage, and use of energy, all the while promoting safety, efficiency, and environmental awareness.

#### ENERGY PRODUCTION

*Dig deep!*



Probe into the depths and discover the natural resources that abound the Earth. Delve into the methods of exploration, extraction, and basic processing of non-renewable energy sources. Enlighten yourself on the significance of responsible mining and environment rehabilitation and replenishing.

#### ENERGY CONVERSION

*Transform the future!*



Reinforce the idea of alternative and renewable energy as a prospect way of life. Recognize the potential of sustainable resources such as geothermal, solar, water, and wind power. Supply your knowledge with the processes that convert these sources into a usable form of energy.

#### ENERGY UTILIZATION

*Power through!*



Start up your understanding of the ways in which energy allows society to do work. Boost your awareness on the technologies that enable the distribution and storage of usable energy in the form of power, heat, transportation, and light. Warm up to the ways of energy efficiency and conservation.

#### SPECIAL TOPIC: INFORMATION INFRASTRUCTURE

*Connect the dots!*



Generate curiosity and appreciation on how energy systems are monitored, assessed, and operated. Charge up insight on the maintenance of an energy system and what their management networks are composed of. Learn about how each of its components are linked with one another.

## C. REGISTRATION

- The registration proper will begin on **DAY 1** from **7:00 AM to 12:00 NN**.
- You may opt to arrive at the venue the day before July 26, 2019, but please be reminded that the registration fee will not cover food and lodging prior to the said date.
- Please bring the following requirements for registration

| Requirement              | Notes                                                             |
|--------------------------|-------------------------------------------------------------------|
| 1x1 ID picture           | Bring at least 2 ID pictures per registered participant           |
| School ID                | For Validation                                                    |
| Hard copy of Waiver Form | For those who did not send a scanned copy during pre-registration |
| Payment                  | For those who have not paid the full registration fee             |

## D. EVENT HIGHLIGHTS



**CAMP FAIR.** A welcoming celebration for all participants of NYSTESC 2019 packed with exciting activities, fun surprises, and special prizes from PSYSC and its event partners.



**SCHOOL QUIZ COMPETITION.** A battle of the brains which aims to test the science clubbers' knowledge and understanding of various concepts in science, technology, and environment.



**SESSIONS CONTESTS.** A set of contests which aims to recognize the campers' talents and skills in interpreting several concepts and issues in the field of Energy Systems through arts and communication.

## A. GENERAL GUIDELINES

1. **ELIGIBILITY.** All participating schools of NYSTESC 2019 can join the competitions. Only bonafide junior high and senior high students (**Grades 7-12**) are allowed to join the Sessions, Programs, and Take Home Workshops contests. Meanwhile, only registered teachers are allowed to join the Cultural Night.
2. **EVENT PARTICIPATION.** A participant can only join one (1) of the following:

| CONTEST NAME                          | Entries | Number of Participants |
|---------------------------------------|---------|------------------------|
| Science EXPOsed                       | 1-2*    | 1 Student              |
| <b>Students' Sessions Contests</b>    |         |                        |
| Poster Making Contest                 | 1-2*    | 1 Student              |
| Essay Writing Contest                 | 1-2*    | 1 Student              |
| Extemporaneous Speech Contest         | 1-2*    | 1 Student              |
| School Quiz Competition               | 1-2*    | 1 Student              |
| Editorial Cartooning Contest          | 1-2*    | 1 Student              |
| <b>Programs' Contests</b>             |         |                        |
| BERSIKULO: A Speech Choir Competition | 1**     | 10-15 Students         |
| BANYUHAY: A Costume Play Competition  | 1**     | 2 Students             |
| <b>Take Home Workshops</b>            | 1*      | 1-2 Students           |
| <b>Teachers' Sessions Contests</b>    |         |                        |
| REFUEL: Stories of Inspirations       | No max  | 1 Teacher              |
| DULANG: A Pasalubong Festival         | 1*      | 1-4 Teachers           |
| LIKHA: An Art Festival                | 1*      | 1-4 Teachers           |
| TULUYAN: A Literary Festival          | 1*      | 1-4 Teachers           |

\*Per science club

\*\*Per school

3. **PRE-REGISTRATION.** Interested schools shall duly accomplish the pre-registration form (Form 3A) which can be accessed through the Downloadables Tab of the official NYSTESC Facebook page ([www.facebook.com/psysc.nystesc](http://www.facebook.com/psysc.nystesc)). Participating schools who failed to comply with the pre-registration process will not be considered as official participants of the contest. A confirmation message will be sent via e-mail or SMS within three days after the official registration. Walk-in participants will **NOT** be accommodated.

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4. **Submissions.** All required contest submissions should be forwarded through email to [psysc.nystesc2019@gmail.com](mailto:psysc.nystesc2019@gmail.com) with the subject **<CONTEST-NAME>\_<School-Name>**, unless stated otherwise in the specific contest guidelines.
5. **Core-in-Charge.** The following names are the in charge of the contests

| Contest Name               | Core-in-Charge       | Contact Number |
|----------------------------|----------------------|----------------|
| Take Home Workshops        | Yasmine Joy Labagnoy | 0926 586 6159  |
| Sessions Contests          | Mecaelah Palaganas   | 0999 715 2662  |
| Programs Contests          | Bryan Arguilles      | 0921 372 5340  |
| Science EXPOsed            | Tonita Mari Lim      | 0917 510 6119  |
| Teachers' Session Contests |                      |                |

6. **Disqualifications.** Any behavior deemed harmful to the PSYSC community and its image in any contest submission and presentation will result to disqualification. Moreover, any participating school that would pull out students from any activities of NYSTESC 2019 event proper will be subject to disqualification.
7. **Amendments.** All possible interpretation of the following guidelines will solely be based on the core committee's interpretation. Any misinterpretation should be raised for clarification or else it will not be welcomed by the team and may lead to disqualification. Furthermore, the NYSTESC 2019 Core Committee reserves the right to modify and/or impose new guidelines without prior notice as it considers appropriate. Such changes shall be effective immediately upon notice which may be disseminated by means of posting on the official NYSTESC Facebook page, sending electronic or conventional mail, or by any other means.