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Region III
DIVISION OF ANGELES CITY
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DIVISION ADVISORY
No. 218, s. 2017

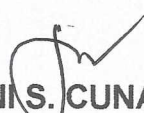
To: Heads of Public Junior High Schools
From: OIC-Schools Division Superintendent
Subject: 2017 Philippine Nuclear Science Quiz (PNSQ)
Date: September 27, 2017

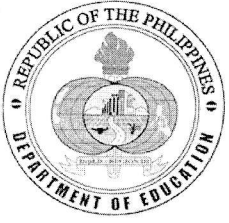
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Division of City Schools

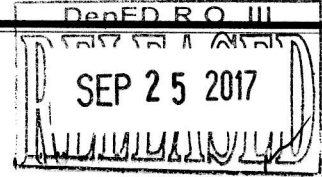
Attached are Regional Advisory No. 336, s. 2017 entitled *2017 Philippine Nuclear Science Quiz (PNSQ)*, the Contest Guidelines and Mechanics, Video Storyboard/Script Template and Registration Form, for perusal and information.


LEILANI S. CUNANAN, CESO VI
Officer-in-Charge
Office of the Schools Division Superintendent



Republic of the Philippines
DEPARTMENT OF EDUCATION
REGION III

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ADVISORY

No. 336 s. 2017

To: Schools Division/City Superintendents
From: The Regional Director
Subject: **2017 Philippine Nuclear Science Quiz (PNSQ)**
Date: September 19, 2017

In the observance of the **45th Atomic Energy Week (AEW) on December 4-7, 2017**, with the theme "**Nuclear Science and Technology for People**", the Department of Science and Technology – Philippine Nuclear Research Institute (DOST-PNRI) will conduct the **2017 Philippine Nuclear Science Quiz (PNSQ)**, a national quiz bee competition for Junior High School students, as one of the highlights of the 45th AEW.

Participants to the said contest are Junior High School (Grades 7-10) students enrolled in any public or private school.

The competition is divided into two levels – (1) Regional Level and (2) National Level. The Regional Level Competition shall be held from October to November 2017, while the National Level Competition shall be on December 6, 2017 at the PNRI compound in Commonwealth Avenue, Diliman, Quezon City.

Attached herewith are the Contest Guidelines and Mechanics, Video Storyboard/Script Template and Registration Form for perusal.

For inquiries, please email at pnsq.pnri@gmail.com or contact any of the following:

- **Dr. Jasmine A. V. Albelda**
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Philippine Nuclear Research Institute
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Trunk Line: (632) 929-6011 to 19 loc. 236


2815

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For information and dissemination


MALCOLM S. GARMA, CESO V
Director III
✓ Officer-In-Charge
Office of the Regional Director



PHILIPPINE NUCLEAR SCIENCE QUIZ

GUIDELINES AND MECHANICS

I. INTRODUCTION

The Department of Science and Technology – Philippine Nuclear Research Institute (DOST-PNRI) will spearhead the celebration of the 45th Atomic Energy Week (AEW) on 4 – 7 December 2017 with the theme **“Nuclear Science and Technology for the People.”** The celebration will focus on enhancing public awareness on breakthroughs in nuclear research, beneficial uses of nuclear science and technology, advances in radiation technology, and safety in undertaking activities involving radioactive materials. In line with these, PNRI will hold the **2017 Philippine Nuclear Science Quiz (PNSQ)**.

PNSQ is a national quiz bee competition which provides an avenue to enhance Filipino students’ awareness and appreciation of the nuclear science and technology field and its potential role in uplifting the quality of living in the country. The **Regional Level Competition** will be held from **October to November 2017** while the **National Level Competition** will be held on **6 December 2017** at the PNRI compound in Commonwealth Avenue, Diliman, Quezon City. This activity is envisioned to be a vehicle in providing an unbiased view on nuclear science and technology.

II. OBJECTIVE

The PNSQ aims to promote and sustain public awareness and understanding of nuclear science and technology and its beneficial applications especially among high school students.


III. PARTICIPATION

- The competition is open to all public and private secondary schools in the Philippines.
- The competition is divided into two levels – (1) Regional Level and (2) National Level. Only the top two winners in the Regional level are qualified to compete in the National Level. A subsidy for travel expenses (airfare, accommodation and lodging) shall be given by PNRI to the teams who will compete in the National Level. The subsidy will cover – (1) roundtrip ticket from and to home region and the PNSQ venue and (2) a one time allowance amounting to five thousand pesos only (Php 5000) given upon arrival of the team to the PNSQ venue.
- Registration Forms can be requested from the PNSQ Committee or downloaded online through the PNRI website.
- Each participating school shall form a team of two (2) junior high school (Grade 7 – 10) students and an official coach. The team should be officially endorsed by the School Principal/Head. A school with only one student representative will NOT be accepted in the competition.
- Participants must be willing (with parents’/guardians’ consent) to travel to the PNSQ venue if they qualify to the National Level Competition.
- The final list of qualifiers for the national level shall be notified via email and their names posted through the PNRI website on November 3, 2017.

IV. CONTEST MECHANICS

A. Regional Level

1. Participating schools in each region shall compete in the regional level by submitting a 1 – 2 minute video, including the video storyboard or script, depicting their answer to the essential question, **“Does the Philippines really need nuclear power?”**



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B. National Level

1. The National Level competition shall be held on December 6, 2017 at the PNRI compound in Diliman Quezon City. A total of 34 teams are expected to compete at this level.
2. The questions in National Level will cover various topics on nuclear science and technology which includes radiation and radioactivity, atomic and nuclear structure, nuclear and radiation technology, nuclear power, radiation protection, nuclear safety and regulations, and current nuclear-related events.
3. The National Level competition is divided into three rounds – (1) elimination round (2) semi-final round and (3) final round. A “power up” stage shall be held prior to the final round. The “power up” stage is designed to prepare competing teams in the playing field of the final round.

Elimination Round

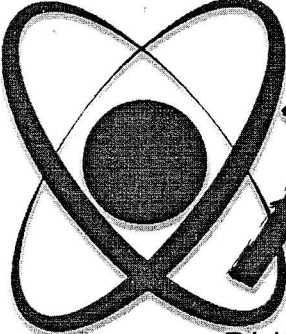
1. All 34 competing teams shall take a 50-item written exam in the Elimination round. Teams will answer the exam within an hour only.
2. Only the top 15 teams shall advance to the Semi Final Round.
3. In case of a tie for remaining slots, a tie-breaker round will be played where the contending teams will be asked randomly-selected questions worth one point each until the tie is broken.

Semi-Final Round

1. The Semi-final Round is a staged quiz show with a quizmaster reading the questions. Each team shall be provided with boards where they are to write their answers.
2. The quizmaster will read questions covering topics in Nuclear Science and Technology. Before reading the question, the quizmaster will specify the type of question (multiple choice, identification or computation), the allotted time for answering, and the corresponding points to be earned by the team.
3. A total of thirty (30) questions categorized as Easy, Average and Difficult, shall be asked in this round. Each question will be read twice.
4. Correct answers will merit one (1) point, two (2) points and three (3) points for Easy, Average and Difficult questions respectively. Incorrect answer shall not merit points nor deductions.
5. The teams shall display their answers only at the cue of the quizmaster.
6. The results of the Quiz will be tabulated on a scoreboard and on a score sheet. The five (5) teams with the highest accumulated scores will advance into the final round.
7. In case of a tie for remaining slots, a tie-breaker round will be played where the contending teams will be asked randomly-selected questions worth one point each until the tie is broken.
8. A challenge to a question should be addressed to the board of judges only. The challenge should be given **before** the next question is asked. The judges will confer and decide whether the challenge is valid or not. The judges' decision is final and irrevocable. All other questions/challenge raised after the next question was asked will NOT be entertained.

Power Up Stage

1. In preparation for the Final Round, the top five (5) teams from the Semi final round shall undergo a “power up” stage. In this stage, teams answer a set of questions to get “Power Ups”.
2. There will be two kinds of power-ups – (1) **Jump** and (2) **Fortitude**
3. A “**Jump**” power up allows a team to advance two steps in the final round while a “**Fortitude**” power up prevents the team from going back one step in the event that their answer in one of the questions in the final round is incorrect.
4. The first team/s to get three (3) correct answers will be awarded one Jump power-up and one Fortitude power-up. The next team/s to get three (3) correct answers will be awarded one power up of their choice (Jump or Fortitude).



PNSQ 2017

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VI. OTHER MATTERS

1. Food and drinks will be provided for all official participants and coaches during the conduct of the 2017 PNSQ National Level Competition.
2. Participants should arrive at the specified quiz venue at least one (1) hour before the competition schedule. This time will be allotted for registration and group picture taking before the start of the competition. Participants should present their respective school I.D.s during the registration.
3. Taking photos or videos during the competition is strictly prohibited. An official photographer will be present during the event.
4. The officials of the quiz shall have the right to disqualify any team who violates any item of the PNSQ Guidelines and Mechanics.
5. The results of the quiz will be final and not appealable.
6. Important dates to remember:
 - October 13, 2017 (Friday): Deadline of submission of complete entry package
 - October 20 – 27, 2017: Posting of video entries for voting
 - November 3, 2017 (Friday): Announcement of winners in the Regional Level
 - November 10, 2017 (Friday): Deadline for confirmation of participation to National Level
 - December 6, 2017 (Wednesday): PNSQ National Level Competition
 - December 7, 2017 (Thursday): Awarding of PNSQ winners. This will be held during the closing ceremonies of the 45th Atomic Energy Week (AEW).
7. For inquiries please email pnsq.pnri@gmail.com or contact any of the following:

Dr. Jasmine A. V. Albelda

Nuclear Training Center
Philippine Nuclear Research Institute
Email: javalbelda@pnri.dost.gov.ph
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Ms. Cheri Anne M. Dingle

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PHILIPPINE NUCLEAR SCIENCE QUIZ

VIDEO STORYBOARD/SCRIPT TEMPLATE

Purpose of this template

Almost every TV commercial, TV show, or video began as a storyboard or a script. The storyboard is a sheet of paper that breaks down the elements of a video production into what you see and what you hear. Think of the storyboard as a comic strip. Each block has a picture with an action and a line or two of dialog. You can draw/paste pictures or type or handwrite a description of the action in the blocks. For each action, write a script or summarize the action for the characters in your video. If for instance, you are making a video of a short speech, write down the transcription of the speech and sketch the frame of the person as seen from the camera. Since what you show on screen changes, each box will contain the next progression of your video. When necessary, also include a description of the sound effects, audio, spoken words, words of announcers and/or many more. Remember though, you only have up to 120 s (2 minutes) to get everything done. So, your storyboard shouldn't be very long or complex.

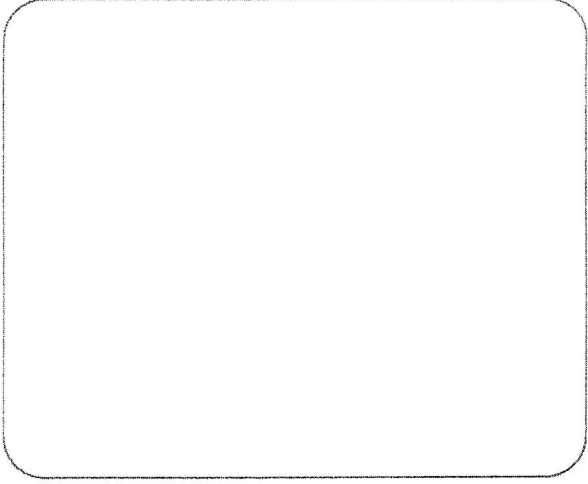
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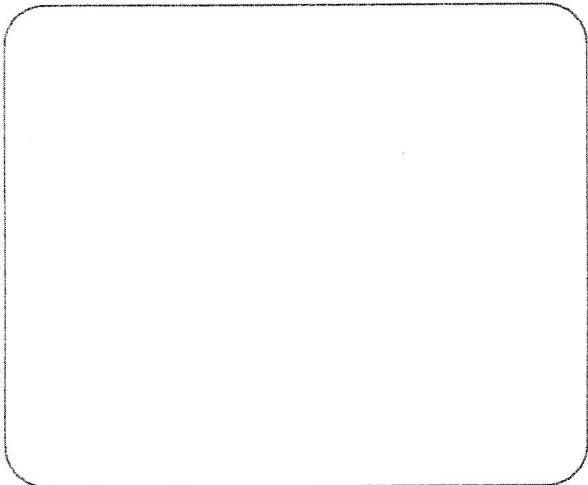
| | | | |
|-------------------|--|--------|--|
| Name of School | | Region | |
| Name of Coach | | | |
| Name of Student 1 | | | |
| Name of Student 2 | | | |
| Video Title | | | |



PHILIPPINE NUCLEAR SCIENCE QUIZ

VIDEO STORYBOARD/SCRIPT TEMPLATE

| Shot #: _____ | Description of shot and media conventions |
|---|---|
|  | |
| Dialogue/Narration: | |

| Shot #: _____ | Description of shot and media conventions |
|---|---|
|  | |
| Dialogue/Narration: | |



PHILIPPINE NUCLEAR SCIENCE QUIZ

REGISTRATION FORM

Page 1 of 2

School Details

Name of School: _____

School Address: _____

Region: _____ Public High School Private High School

School Principal/ Head: _____

Telephone No.: _____ Fax No.: _____

Email Address: _____ Mobile No.: _____

Video Entry Details

Video Entry submitted through: (please check appropriate box)

Video Link: _____

CD or Flash Drive

Video Title: _____

Video Creator/s: _____

Video Format: _____

Video Description: _____

Waiver

In consideration of the opportunity to submit our video entry in the qualifying level for the 2017 Philippine Nuclear Science Quiz (PNSQ) sponsored by the DOST-PNRI, I irrevocably give the PNSQ Committee and PNRI the right and permission to use, copy, alter, distribute, publish, broadcast, and display the Video that our school submitted in any other medium or format for any legal purpose. I acknowledge and agree that the PNSQ Committee may post our Video entry on the Internet and allow the public to vote and comment on the material. I attest that there is no copyrighted material in our Video entry. I also certify that all information provided in this registration form are true and complete.

| | |
|------------------------------------|--|
| School Principal/ Head: | |
| Signature and Date: | |



PHILIPPINE NUCLEAR SCIENCE QUIZ

REGISTRATION FORM

Page 1 of 2

School Representative Details

| | | |
|--------------------------------|-----------------------------------|-----------------------------------|
| Name of School: | | |
| Name of Coach/ Adviser: | | |
| Signature: | | |
| | 1st Student Representative | 2nd Student Representative |
| First Name: _____ | First Name: _____ | First Name: _____ |
| Middle Name: _____ | Middle Name: _____ | Middle Name: _____ |
| Surname: _____ | Surname: _____ | Surname: _____ |
| Signature: _____ | Signature: _____ | Signature: _____ |
| Year Level: _____ | Year Level: _____ | Year Level: _____ |
| Age: _____ Sex: _____ | Age: _____ Sex: _____ | Age: _____ Sex: _____ |

Certification and Endorsement

This is to certify that the students listed above are bona fide students currently enrolled in our school. This is to further endorse their participation as representatives of our school to the 2016 Philippine Nuclear Science Quiz.

School Principal/ Head
(Signature over printed name)

Date

Parental Consent/ Waiver for 1st student representative

This is to certify that I am giving my full consent for my son/ daughter, _____, to travel to Metro Manila in case their team qualifies to the National Level Competition of the 2016 Philippine Nuclear Science Quiz. I further acknowledge that PNRI and the PNSQ committee will not be held liable for any untoward incident that may occur in connection with my son/daughter's participation to the 2016 PNSQ.

Name of Parent/ Guardian
(Signature over printed name)

Date

Parental Consent/ Waiver for 2nd student representative

This is to certify that I am giving my full consent for my son/ daughter, _____, to travel to Metro Manila in case their team qualifies to the National Level Competition of the 2016 Philippine Nuclear Science Quiz. I further acknowledge that PNRI and the PNSQ committee will not be held liable for any untoward incident that may occur in connection with my son/daughter's participation to the 2016 PNSQ.

Name of Parent/ Guardian
(Signature over printed name)

Date