



October 24, 2014

DIVISION MEMORANDUM
No. 561, s. 2014

42ND ATOMIC ENERGY WEEK (AEW)

TO : Assistant Superintendents
Division Supervisors/Coordinators
Secondary School Heads
Heads, Private Secondary Schools

1. Attached is Regional Memorandum No. 650, s. 2014, dated October 17, 2014, re the communication from Ms. Graceta DL. Cuevas, DPA, Overall Chairperson, 42nd AEW Celebration, informing the field to participate in the activities of the **42nd Atomic Energy Week (AEW)** on December 8-12, 2014.
2. For details, see attached communication and enclosure.
3. Immediate and wide dissemination of this Memorandum is desired.

ARDEN D. MONISIT, Ed. D.
Schools Division Superintendent

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REPUBLIKA NG PILIPINAS
REPUBLIC OF THE PHILIPPINES
KAGAWARAN NG EDUKASYON
DEPARTMENT OF EDUCATION
REHIYON VII, GITNANG VISAYAS
REGION VII, CENTRAL VISAYAS
Sudlon, Lahug, Cebu City




OCT 17 2014

REGIONAL MEMORANDUM
No. 650, s. 2014

42ND ATOMIC ENERGY WEEK(AEW)

To: Schools Division Superintendent
Officer-in-Charge of the Regular Divisions

1. Attached is a communication from Ms. Graceta DL. Cuevas, DPA, Overall Chairperson, 42nd AEW Celebration, informing Divisions to participate in the activities of the 42nd Atomic Energy Week(AEW) on December 8-12, 2014.
2. For details, refer to the attached communication and enclosures.
3. For information and guidance of all concerned.


CARMELITA T. DULANGON, Ed. D.
Director III
Office of the Regional Director

CTD/LCJ/mjed
CLMD '14

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"ESL 2015: Karapatan ng Lahat, Pamanagutan ng Lahat"



Republic of the Philippines
Department of Science and Technology

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RD2014-19062

17 - Oct

25 September 2014

DR. CARMELITA T. DULANGON

Officer-In-Charge
Department of Education, Region VII
Sudlon, Lahug,
Cebu City

Dear Dr. Dulangon:

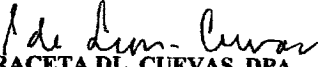
In line with the celebration of the National Atomic Energy Week, mandated by Presidential Proclamation No. 1211, the Philippine Nuclear Research Institute (PNRI) of the Department of Science and Technology (DOST) will be spearheading the activities of the 42nd Atomic Energy Week (AEW) on December 8 to 12, 2014 with the theme: **"The Philippines: Moving Forward with Nuclear Science and Technology"**. One of the highlights of the celebration is the Philippine Nuclear Science Quiz (PNSQ).

The quiz aims to (1) develop the interest of the Filipino youth in the field of nuclear science; and (2) promote awareness on the beneficial uses of atomic energy in the Philippines among high school students.

In view of this, we would like to request your assistance in the extensive and expeditious dissemination of this activity to encourage active participation among high school students. Enclosed with this letter is the schedule and guidelines of the contest which may also be viewed in our website: www.pnri.dost.gov.ph/pnsq.

Thank you very much and we look forward to your favorable action on this request.

Very truly yours,


GRACETA DL. CUEVAS, DPA
Overall Chairperson, 42nd AEW Celebration

The 2014 Philippine Nuclear Science Quiz

#PNSQ2014

- **Introduction**

The Philippine Nuclear Research Institute (PNRI) of the Department of Science and Technology (DOST), the National authority on nuclear science and its useful applications, will spearhead the celebration of the 42nd Atomic Energy Week (AEW) on December 8 -12, 2014. The theme for this year's AEW celebration is "The Philippines: Moving Forward with Nuclear Science and Technology". This year's celebration will focus on enhancing public awareness on breakthroughs in nuclear research, beneficial uses of nuclear energy, advances in nuclear technology, and safety in undertaking activities involving radioactive materials. In line with these, PNRI will hold the **2014 Philippine Nuclear Science Quiz (PNSQ)**.

- **Objectives**

The PNSQ aims to sustain awareness and understanding on nuclear science and technology and its beneficial applications among high school students.

- **Participation**

- Participants must be bonafide high school students from either public or private secondary schools in the Philippines.
- Each participating school shall form a team of two (2) students and an official coach. They should be officially endorsed by the Division Office of the Department of Education.
- The participating teams should register by filling out the registration form (can be downloaded online through the PNSQ Official site, www.pnri.dost.gov.ph/pnsq) and sending their applications with complete attachments (Division Superintendent endorsement) to pnsq@pnri.dost.gov.ph. *Applications submitted by any other means will NOT be considered.*
- The registration period will be from **27 October 2014 to 14 November 2014**.
- Only the first **fifty (50)** teams with successful registration as verified and confirmed by the PNSQ committee will be able to join the competition.
- A confirmation e-mail will be sent to each participating team informing them of their successful registration to PNSQ 2014. The complete list of participants will be posted at the PNSQ Official site on **21 November 2014**.

- **Coverage of Test Questions**

The test questions will cover various topics of nuclear science and technology such as radiation and radioactivity, atomic and nuclear structure, radiation protection, nuclear safety and regulations, and current nuclear-related events.

- **Prizes**

First Prize: Php 30,000 cash prize, a Medal of Recognition for each member of the team, and a Plaque of Recognition.

Second Prize: Php 15,000 cash prize, a Medal of Recognition for each member of the team, and a Plaque of Recognition.

Third Prize: Php 7,500 cash prize, a Medal of Recognition for each member of the team, and a Plaque of Recognition.

VI. CONTEST MECHANICS

A. Elimination Round

- This will be held on December 11, 2014 (Thursday), 9:00 AM at PNRI Compound, Commonwealth Avenue, Diliman, Quezon City.
- The elimination round will be a written examination, with both team members answering one answer sheet together. The written examination will be composed of fifty (50) multiple choice questions to be answered for one (1) hour. Not following instructions will invalidate the part of the examination where the violation occurred.
- The top twenty (20) teams shall qualify to compete in the semi-final round.

B. Semi-final Round

1. The Semi-final round will be held on December 11, 2014 (Thursday), 11:00 AM at PNRI Compound, Commonwealth Avenue, Diliman, Quezon City.
2. The Semi-final Round is a staged quiz show with a quizmaster reading the questions.
3. The quizmaster will read questions covering topics in Nuclear Science. Each question will be read twice by the quizmaster. Before reading the question, the quizmaster will specify the type of question (multiple choice, identification or computation), the allotted time to answer the question, and the corresponding points to be earned by the team.
4. The semi-final round will be divided into three stages: easy stage with ten (10) questions, intermediate stage with ten (10) questions, and difficult stage with five (5) questions. A recap of the current total scores will be read out at the end of each stage.
5. Answering of the questions will be a team effort of the two members of the team. A signal to start will be given by the quizmaster after which the teams may write their answers on the sheets provided. A signal will be given once the allotted time is up wherein the teams should raise their answer sheets with or without an answer. The correct answer to each question posed will be given by the quizmaster. The answer of each team will be read aloud and corrected by the quizmaster. The teams with the correct answers will be given the corresponding point/s.
6. The results of the Quiz will be tabulated on a scoreboard and on a score sheet.
7. The top five (5) teams after the difficult stage will move on to the Final Round. In case of a tie for remaining slots, a Sudden Death tie-breaker round will be played. The contending teams will be asked randomly-selected questions worth one point each until the tie is broken.

C. Final Round

1. The remaining five teams will first undergo a "Power-up" stage where they will answer a set of questions to get "Power-ups" which will help them in the next stage.
2. There will be two kinds of power-ups: **Jump** allows a team to advance two steps in the final round and **Fortitude** prevents a team from going back one step despite a wrong answer.
3. The style of this stage will be similar to the semi-final with the quizmaster reading the questions and the teams answering on boards.
4. The first team to get three (3) correct answers will be awarded one **Jump power-up** and one **Fortitude power-up**. The next team to get three (3) correct answers will be awarded one power up of their choice (**Jump** or **Fortitude**). In case of a tie, tie breaking questions will be asked until a winner is determined.
5. The Final Round is composed of a playing field with ten (10) steps for each of the five teams. Questions will be asked by the quizmaster as in the semi-final round.
6. At the start, all teams will stay behind the first step of their corresponding stations. Each correct answer will allow a team to take one step forward. A wrong answer will cause a team to take one step back except for those who are still at the starting point. A team can choose not to give an answer for which instance, they will remain in place.
7. A team possessing a power-up may use it, as applicable, until the 6th step. No team can use any power-up after the 6th step.
8. The first team to reach their last step (10th) will be declared the winner. The next two teams nearest to the finish will take second and third place.
9. In the event that no team has reached their final step after 25 questions, the team nearest to its final step will be declared the winner. The next nearest will be declared second and the third nearest will be declared third place.

VII. Others

All expenses (i.e. travel cost, lodging etc.) in joining the contest will **NOT** be shouldered by the Institute or by the Quiz committee.

Assembly time for contestants will be at 8:00 AM. One hour will be allotted for registration and group picture taking before the start of the elimination round.

The officials of the quiz shall have the right to disqualify any team who violates the rules of the quiz.

A challenge to a question should be made by the coach to the 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.

The results of the quiz will be final and not appealable.

The awarding of winners will be during the closing ceremonies of the Atomic Energy Week celebration on December 12, 2014 (Friday).