



SEP 19 2008

DepED MEMORANDUM
No. **433**, s. 2008

6TH NATIONAL SCIENCE QUEST FOR ELEMENTARY
AND SECONDARY LEVELS

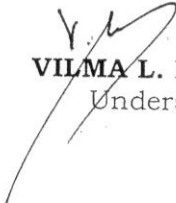
To: Regional Directors
Schools Division/City Superintendents
Heads, Public and Private Elementary and Secondary Schools

1. The Association of Science Educators in the Philippines (ASEP) will hold the 6th National Science Quest for Elementary and Secondary Levels on February 4-6, 2009 at Jose J. Leido Memorial National High School, Calapan City, Region IV-B (MIMAROPA).
2. The objective of the competition is to promote academic excellence in science through competitions, camaraderie and sportsmanship.
3. The participants are the following:
 - a. for Science Quiz and Sci-Dama – regional first place winners for elementary pupils (Grades III-VI), and secondary students (1st-4th yr.), parents and teachers;
 - b. for Science Fair – first and second place winners, individual and team for elementary; and
 - c. first and second place regional winners in SIM and SIP for elementary and secondary teachers with three members each for elementary and secondary levels.
4. Coaches, advisers, regional and division supervisors, assistant chiefs, school heads and other science enthusiasts are expected to attend. The guidelines for the different competitions are enclosed.
5. Each participant shall be charged with a registration fee of One Thousand Nine Hundred Pesos (PhP1,900.00) to cover expenses for board and lodging, honoraria of judges, certificates, medals, trophies and other miscellaneous expenses. The registration and transportation fee shall be charged against local funds subject to usual accounting and auditing rules and regulations.
6. The schedule of competition in the different levels are as follows:

Division Level	-	September – October 2008
Regional Level	-	November - December 2008
National Level	-	February 4 – 6, 2009
7. All Regional Science Supervisors and ASEP Officers should be at the venue on February 2, 2009 for the finalization of Terms of Reference (TOR).

8. For inquiries, please contact Dr. Jeanette V. Martinez, PRO, ASEP at tel. no. (02) 637-41-84 and mobile no. 0919-5693043 and Dr. Aurora A. Franco, Vice President, ASEP at tel. no. (02) 9262-233 and mobile no. 0919-6564666.

9. Immediate dissemination of this Memorandum is desired.


VILMA L. LABRADOR
Undersecretary

Encls.: As stated

Reference: DepED Memorandum: No. 20, s. 2007

Allotment: 1 - (D. O. 50-97)

To be indicated in the Perpetual Index
under the following subjects:

CONTESTS
SCIENCE EDUCATION
SOCIETY or ASSOCIATIONS
STUDENTS
TEACHERS

rudy: 6th national science quiz
7/30/08



**ASSOCIATION OF SCIENCE EDUCATORS
IN THE PHILIPPINES (ASEP)
c/o REGION IV SOUTHERN TAGALOG
Capitol Compound, Pasig City**

GUIDELINES FOR THE NATIONAL SCIENCE FAIR

I. OBJECTIVES

- To encourage research and development among young pupils and students
- To disseminate and apply learned science and technology concepts and principles
- To identify and give recognition to outstanding pupils and students researcher
- To create an atmosphere of competitiveness and excellence in undertaking scientific activities in investigatory project/research.

II. REQUIREMENT FOR THE INVESTIGATORY PROJECTS

A. Content

1. Contribute to the advancement of science and technology;
2. Have socio-economic significance and relevance to livelihood development;
3. Demonstrate scientific principles to provide new knowledge and new discoveries.

B. Physical Set-Up

The physical set-up must be well-organized and attractive. Use clear and informative displays. Make headings stand-out clearly and label them correctly. A two-pages project abstract must be posted in one corner of the booth. The maximum size of project display must be: 25 inches deep, 45 inches wide and 40 inches high excluding table for display.

C. Abstract

The abstract should consist of short description of the problem and its solution. It must be typewritten, single-spaced with a maximum of 300 words, font 11. The abstract must include the following: purpose, procedure used, results and conclusions.

LEVELS OF IMPLEMENTATION

I. Level 1 – Division

Elementary Level

- Cluster I - All qualified entries First Place winners from Grade III-VI levels will be included in the division science fair.

Secondary Level

- Cluster I - Students from the regular public high school and private high school
- Cluster II - Students from the Special Science High school, Special Science Curriculum, Science and Technology High School, Regional and Provincial Science High School.

A. Approval of Projects (Elementary and Secondary)

1. Categorization of entry as individual or team
2. Classification of entry under life sciences or physical sciences
3. Evaluation of research paper
4. Selection of winners by ranking 1st, 2nd, and 3rd placer per category
5. First place winners per category will be qualified for regional competition.

B. Requirements (all categories)

1. Accomplished Application Form
2. Signed Review Committee Approval
3. Certification as Individual or Team Category
4. Certification as Official Adviser
5. Parental Concept
6. Medical Certificate
7. 3 copies of Official Abstract and 3 copies of Research Paper

II. Level 2 – Regional and National Level

Note: Scheme of Selection and requirements are the same in the Regional and National Levels except:

- The 1st and 2nd place winners in regional will be qualified for the National Level competition in all category

SCHEME OF NATIONAL SCIENCE FAIR

A. Clustering of Project Entries

Elementary Level

There is only on (1) cluster for the elementary level.

Secondary Level

Cluster I - Project entries of students from the Regular High School and Private High Schools

Cluster II - Project entries of students from Special Science High School, Special Science Curriculum, Science and Technology – Oriented High School and Provincial/Regional Science High School.

B. Classification of Entries

2 Major Classifications:

1. Fair 1 - Life Sciences
2. Fair 2 - Physical / Applied Sciences

Note: For each fair division, specific disciplines are identified. The researcher must indicate the fair division and discipline for his/her project.

C. Categorization of Entries (Elementary and Secondary)

1. Individual Project – conducted by one student only in any of the identified disciplines under life sciences or physical and applied sciences.
2. Team Project – conducted by 2 or 3 in a team in any of the identified disciplines under life sciences or physical and applied sciences.

D. Levels of Implementation

1. Level 1 - Division - First Place winners in all categories
2. Level 2 - Regional - First and Second Place winners in all categories
3. Level 3 - National - First and Second Place winners in all categories

Note: All entries qualified for National IPSF will not be included in the National Level

D. Research Paper

The research paper for the National entry should contain the following: a) Problem/s; b) Objectives; c) methods and procedure; d) results; e) conclusions and recommendations; and f) bibliography.

➤ *Project Adviser*

Project adviser must be a teacher. He/She must have a background in science and should have close contact with the students during the conduct of the project. Advisers must be responsible for the health and safety of the pupils and students.

➤ *Review Committee/Board of Judges*

Review Committee and Board of Judges are qualified individual who are responsible for evaluation of pupils and students research for compliance with rules and regulations.

The review committee and board of judges examine projects for the following:

- evidence of proper supervision
- use of appropriate research techniques
- complete forms and signatures
- evidence of literature search
- documentation of substantial expansion for continuation of project
- compliance with rules and laws governing human and animal research
- compliance with rules regarding controlled substances and hazardous substances and devises
- minimum of 3 board of judges is required
- compliance for the policies, regulations and guideline for the National level competition

CRITERIA FOR JUDGING THE SCIENCE INVESTIGATORY PROJECT

Scientific Thought and Engineering Goals **30%**

1. Scientific Thought
 - a. brief and clear statement of the problem
 - b. well defined procedure
2. Engineering Goals
 - a. clear and relevant objective/s
 - b. economically feasible solutions
3. Potential contributions / practical value

Creative, Resourcefulness and Inventiveness **30%**

- a. creative ability in presenting the problem / in the approach to solve the problem
- b. innovative design / new idea shown
- c. intelligence and imagination in finding ways/ means to undertake the project

Thoroughness **15%**

- a. familiarity with scientific literature in the relative field
- b. awareness of other approaches or theories
- c. appropriateness of methodology

Research Skill **15%**

- a. use of laboratory equipment / innovative resources
- b. appropriate, orderly and effective presentation of data

Oral Presentation Skills **10%**

- a. clear and thorough discussion of the project
- b. clarity and conciseness of explanation pertaining to important aspects of the research proposal
- c. presentation aided by AV materials
- d. over-all personality
 - self-confidence
 - enthusiasm