



MAY 15 2009

DepED MEMORANDUM
No. **225** , s. 2009

7TH 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) in cooperation with the Department of Education (DepED) will hold the 7th National Science Quest for Elementary and Secondary Levels on February 3-5, 2010 at Tabaco National High School, Tabaco City, Region V.
2. The objective of the competitions is to promote academic excellence in science through camaraderie and sportsmanship.
3. The participants are the following:
 - a. 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. There will be two sets of participants in Science Quiz and Sci-Dama, one from the private schools and one from the public schools;
 - c. Science Fair – first and second place winners, individual and team for elementary;
 - d. First and second place regional winners in SIM and SIP for elementary and secondary levels and On the Spot Improvisation for elementary and secondary teachers with three members in each level; and
 - e. On the Spot painting and collage making, first and second place winners with one participant 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 Two Thousand Two Hundred Pesos (PhP2,200.00) 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 the usual accounting and auditing rules and regulations.

6. The schedule of competition in the different levels are as follows:

Division Level	-	September-October 2009
Regional Level	-	November-December 2009
National Level	-	February 3-5, 2010

7. All Regional Science Supervisors and ASEP Officers should be at the venue on February 1, 2010 for the finalization of Terms of Reference (TOR).

8. For inquiries, please contact Dr. Fruit R. Godoy, ASEP President and Dr. Leticia Bustamante, National Coordinator at mobile no.: 0920-7632-836.

9. Immediate dissemination of this Memorandum is desired.


JESLI A. LAPUS
Secretary

Encl.: As stated

Reference:

DepED Memorandum: No. 433, s. 2008

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



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

GUIDELINES FOR THE NATIONAL SCIENCE QUIZ

1. The National Finals of the contest shall be conducted in a Quiz Show Format wherein all the contestants are seated on stage.
2. There shall be four (4) rounds for all categories: Easy, Average and Difficult and Cluster. There shall be ten (10) easy questions, five (5) average questions and five (5) difficult questions. All contestants shall answer all questions in the 3 rounds. Each correct answer in every round will be given corresponding points, to wit

Easy	-	1 point
Average	-	2 points
Difficult	-	3 points

3. Each contestant shall be provided with permanent markers and Show Me Board.
4. Each question must be answered within the time allocated for it. Ten (10) seconds for non-computational and thirty (30) seconds for computational.
5. The quizmaster shall read each question twice and the time shall start only after the quizmaster says, "go."
6. The contestants may begin to answer only after the quizmaster says "go."

7. The contestant must write his/her final answer on the answer sheet. If a contestant wishes to change his/her answer, the former answer should be crossed-out and the final answer encircled.
8. All answers must be spelled correctly to be considered correct. If the answer is a proper noun, capitalization of the first letter of the word is also a basis in declaring an answer correct.
9. Questions shall indicate the number of significant figures for numerical answers. Use of calculators shall not be allowed.
10. After the time limit has expired, each contestant must show his/her answer to the audience before the quizmaster reads the correct answer. The proctors shall read and acknowledge whether the answer of each contestant is correct or not.
11. If the proctor cannot determine the validity of an answer, the board of judges must decide on the matter. The decision of the board of judges is, FINAL.
12. Solutions may be checked by the board of judges if needed.
13. The total score of a contestant after three rounds shall be his/her score.
14. The contestant with the highest final score shall be declared as the first place winner, the second highest, second place winner, the third highest as the third place winner and so on.
15. In case of a tie, a Clincher Round shall be played. It shall be a knockout system between or among the contestants with equal scores until a winner emerges. The first one who can answer correctly will be the winner.

16. The duly registered coach of the contestant is the only person authorized to file a protest. All protests should be referred to the Board of Judges before the quizmaster reads the next question. No protest shall be entertained by the Board of Judges when the quizmaster started reading the next question.
17. Any DepED personnel related by affinity or consanguinity (up to the third degree) to any contestant shall be disqualified in any of the committees involved in the planning and preparation of questions for the quiz nor can they act as coach of any contestant.
18. Any violation of the aforementioned rules shall cause the disqualification of the contestant concerned.

Criteria for Science Intervention Materials (SIM)

AREA	POINTS	1	2	3	4	5	6	7	8	9	10	11
1. Subtasking	15											
• Competency-based	5											
• Bloom's Taxonomy followed	6											
• SMAR-C	4											
2. Congruence	15											
• Activities in line with content and skills	5											
• Assessment in line with content and skills	10											
3. Usability/Functionality	45											
• Language	3											
• Title card	2											
• Guide card	4											
• Activity card	14											
• Assessment card	3											
• Enrichment card	3											
• Reference card	3											
• Answer card	2											
• Packaging	8											
4. Replicability	25											
• Validated before classroom use	5											
• Dev. Mat. Based on least learned LC	5											
• Mat. Used improved mastery level	10											
• Handy & easy to copy	3											
• Cost	2											

Note: Points for the 3 items under replicability may be asked during the congress/actual judging.

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