

Republika ng Pilipinas
(Republic of the Philippines)
MINISTRI NG KALAKASAN AT KULTURA
(MINISTRY OF EDUCATION AND CULTURE)
Manila.

February 5, 1979

MBC MEMORANDUM
No. 38, s. 1979

UPLB ENERGY FAIR KAPAHAYAN '79

To: Bureau Directors
Regional Directors
Coordinator, State Colleges and Universities
Schools Superintendents
Heads of Private Schools, Colleges
and Universities

1. The University of the Philippines, Los Baños (UPLB) Chemical Society, in coordination with the Bureau of Energy Development (BED), is sponsoring an energy fair, Kapahayan '79, on August 16-18.
2. The theme of the fair is: "Indigenous Energy Sources: the Youth's Answer to Tomorrow's Energy Needs." The objectives are:
 - a. to develop awareness of the energy problems especially among high school students; and
 - b. to stimulate ingenuity and creativity among the youth on probable solutions to the existing energy crisis through the exploration of indigenous sources.
3. The fair includes a competition on energy-related projects, a quiz contest, a series of seminars, and exhibits.
4. Inclosed are the rules and regulations for the competitive activities, the entry form for the Energy Quiz Contest and guidelines on the exhibits. Attention is invited to the deadline for the submission of entries to the fair and the names of contestants in the quiz contest.
5. It is desired that this matter be given wide publicity in all public and private secondary schools.

(SGD) JUAN L. MANUEL
Minister of Education and Culture

incl.:

As stated

reference:

None

Allocation: 1-2-3-4 (D.O. 1-76)

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

CONTESTS

EXHIBITS

PROJECTS

STUDENTS

SOCIETY or ASSOCIATION

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(Inclosure No. 1 to NEE Memorandum No. 38, 1979)

RULES ON THE ENERGY QUIZ CONTEST

1. The Energy Quiz Contest of KAPRAYAN '79 is open to any group of three bona fide students from the same school.
2. The contest will be held on August 18, 1979, at the Chemistry Lecture Hall, U.P. at Los Baños from 2:00 to 6:00 P.M. Briefing for the contest, together with a close door elimination examinations, shall be given from 10:00 to 12:00 A.M. on that date. The Energy Quiz Contest shall be open to the public.
3. Deadline for the submission of the entry from the contest shall be on or before August 9, 1979.

Only entry forms received in order shall entitle a team to participate in the briefing and elimination examinations.

An entry form will be sent together with the invitation letter. Accomplish it and address to:

UPLB Chemical Society
c/o Department of Chemistry
College of Arts and Sciences, UPLB
College, Laguna 3720

The UPLB Chemical Society assumes that the school is participating once the school sends back the entry form to the quiz (duly accomplished) to the society. The participating school should inform the society at least a month before the fair of its intention to withdraw, otherwise, the Society will be preparing for its accommodation.

4. The questions for the elimination examinations and the quiz proper shall include principles from the basic sciences - biology, chemistry, physics - with practical applications on energy and information on current local and international issues on energy utilization and conservation. Information from the exhibits in the fair shall also be asked.
5. The Energy Quiz Contest shall consist of four rounds each being an oral competition between two teams:
 - a. Round 1 shall consist of 10 pairs from the top 20 finishers of the elimination examinations.
 - b. Round 2 shall consist of four pairs from the top 8 finishers of Round 1.
 - c. Round 3 shall consist of the top four finishers of Round 2.
 - d. Round four shall pit the winners and the losers of Round 3 to determine the top 1-2-3-finishers.

6. Only salient points from the exhibits will be asked during the final rounds of the quiz. The final rounds shall be open to the public.

The exhibits will be on stage from August 26 to 30, 1979. The final rounds of the quiz shall be held in the afternoon of August 30 to allow the contestants to see and review the exhibits.

7. For each round, each team pair will have to answer a total of 10 questions using the following scheme:

- a. Each team will be given priority to answer the questions alternately. Lots will be drawn at the start of each pair competition to determine which team will be given the first question.

- b. Each question will be read twice, after which each team will have to ring their buzzer within 5 seconds to signify their intention to answer. The priority team will be given 3 seconds to answer. If an incorrect or no answer is given, the other team will be given a chance to answer only if it had rung its buzzer within the 5-second period.

- c. Only the first answer will be considered.

- d. An incorrect answer or no answer given by a team which rang its buzzer gets a minus one.

- e. A correct answer gets two points.

8. Members of the participating team may not be charged during the contest.

9. If ties ensue in determining the top finishers in each phase of the contest, tie-breaking rounds consisting of three questions each shall be held as follows:

- a. If three teams tie, a round robin will pit each team against the other. The knock-out system will be employed.

- b. If an even number of teams tie, lots will be drawn to determine pairing. The knock-out system will be employed.

- c. If an odd number of teams tie, lots will be drawn to determine pairing. The team which draws a bye will be included in the next series of tie-breaking rounds. The knock-out system will be employed.

10. No students will be allowed to take the elimination examinations and participants in the quiz proper without wearing an ID card.
11. Conflicts shall be resolved by the board of judges. The decisions of the board of judges shall be final.
12. Trophies and certificates will be awarded to winners of the contest.

KARNATAKA '79
ENERGY QUIZ CONTEST

ENTRY FORM

SCHOOL:
ADDRESS:

NAME OF PRINCIPAL:

CONTESTANTS: 1.
2.
3.

ALTERNATES: 1.
2.
3.

I hereby certify that the above-mentioned individuals are bona fide students of the school.

Principal: _____

KARNATAKA '79
ENERGY QUIZ CONTEST

ENTRY FORM

SCHOOL:
ADDRESS:

NAME OF PRINCIPAL:

CONTESTANTS: 1.
2.
3.

ALTERNATES: 1.
2.
3.

I hereby certify that the above-mentioned individuals are bona fide students of the school.

GUIDELINES FOR THE ENERGY PROJECT COMPETITION

1. The competition is open to all high-school students in the Philippines.
2. Entries may be in the form of working models, reports of experimental work, and other creative projects related to energy sources, utilization and conservation. Project relating to the exploration of energy sources available in the locality of the school or the region of the project owner is encouraged.
3.
 - a. A detailed description of the entry should include the title, objectives, materials and methods, discussion of results, references, and illustrations.
 - b. Triplicate copies of the entry should be made, in type-written form on 8" x 11-1/2" white paper.
 - c. Each entry must contain the name of the author, year and age, school address, and telephone number.
 - d. Each entry must be accompanied by a certificate from the principal that the competitor is a bona fide student of the school and that he/she was the one who made the project.
 - e. Entries should be addressed to:

UPLB Chemical Society
c/o Department of Chemistry
College of Arts and Science, UPLB
College, Laguna 3720
4. A school may send at most three entries.
5. All entries must be received by the sponsoring organization on or before April 30, 1978.
6. The 25 best entries shall be announced 2 weeks after the last day of submission. They shall be chosen on the basis of the following: originality, feasibility, and applicability.
7. Project-owners of qualified entries will be accommodated in UPLB dormitories and/or Los Brises hotels. Travel of the said project-owners together with a chaperon each will be arranged for or shouldered by the Society. Further information on this matters can be obtained by writing to the UPLB Chemical Society.

The 25 best projects shall be exhibited at UPLB from August 16 to August 17, 1979. This project represents the entirety of your entry to the competition. Whereas your entry is mainly the outline of your project, the project which will be exhibited at UPLB at the said date is the complete project; e.g. the energy device or method, or the complete paper or research work on an experimental design. The three outstanding projects shall be announced on the last day of the fair. The decision of the judges shall be final.

- a. The First Prize consists of P2500 cash, a gold medal and a trophy for the school represented.
- b. The Second Prize consists of a P1500 cash, a silver medal and a trophy for the school represented.
- c. The Third Prize consists of a P1000 cash, a bronze medal and a trophy for the school represented.
- d. Each of the remaining awardees shall receive P300 and a certificate of recognition.

