



REPUBLIKA NG PILIPINAS
REPUBLIC OF THE PHILIPPINES
KAGAWARAN NG EDUKASYON, KULTURA AT ISPORTS
DEPARTMENT OF EDUCATION, CULTURE AND SPORTS
UL Complex, Meralco Avenue
Pasig, Metro Manila

TANGGAPAN NG KALIHIM
(OFFICE OF THE SECRETARY)

June 18, 1997

DECS MEMORANDUM
No. 226, s. 1997


1997 YOUNG SCIENTISTS' QUIZ AND SCI-ART PROGRAM

TO: BUREAU DIRECTORS
REGIONAL DIRECTORS
SCHOOLS DIVISION SUPERINTENDENTS
HEADS OF PRIVATE ELEMENTARY SCHOOLS

1. In support of the government's thrust on the promotion of science and technology, the Department of Education, Culture and Sports (DECS), the Department of Science and Technology (DOST), the Philippine National Oil Company (PNOC), and the Philippine Foundation for Science and Technology (PFST) are co-implimenting the 1997 Young Scientists' Quiz & Sci-Art Program with the general theme: **"BEST (Bridging Education, Science and Technology) FOR NATION BUILDING"**. The specific theme for this year is **"Discovering and Caring for our Energy Resources"/ "Ang Pagtuklas at Pagkalinga sa Yamang Pang-enerhiya"**.
2. The program is a national activity consisting of two contests - the Science Quiz and the Sci-Art Competition. It is emphasized that these contests are intended to develop the intellectual, scientific, aesthetic and social values among children.
3. Regional and division school officials, science-mathematics club advisers, elementary school principals, art and science teachers, pupils and all others involved in the promotion of science and technology are enjoined to extend maximum cooperation to PFST, DOST, and PNOC representatives as well as give their best support to guarantee the effective and successful implementation of the contests. Proper scheduling must be observed to avoid undue disruption of or interference with the regular school program.
4. Travelling expenses and board and lodging expenses incurred by the Science Quiz division and regional finalists and advisers shall be charged against local funds while those of the national finalists and advisers shall be charged against program's funds subject to the usual accounting and auditing rules and regulations.

5. Finalists, advisers and other interested participants who would like to participate and/or attend the Science Quiz competitions (division, regional, and national levels) and to view the Sci-Art Exhibit will be allowed on official time provided that no class shall be left unattended.

6. Immediate dissemination of this Memorandum is desired.


RICARDO T. GLORIA
Secretary *1/18/7*

Incl.: As stated

Reference: DECS Memorandum: No. 327, s. 1996

Allotment: 1-2-4--(M.O. 1-87)

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

CONTESTS
OFFICIALS
PUPILS

SCIENCE EDUCATION
TEACHERS

YOUNG SCIENTISTS' QUIZ & SCI-ART PROGRAM

	SCIENCE QUIZ	SCI-ART
DESCRIPTION	<p>A nationwide competition which encourages children to immerse themselves in the study of science and technology.</p> <p>A science brain game. A challenge to the mind</p>	<p>A nationwide competition designed to stimulate children's creative awareness of their surroundings; express their understanding of S & T in visual form.</p> <p>A design and creativity competition. A challenge to the imagination.</p>
OBJECTIVES	<p>Develop critical thinking, analytical and positive mental attitude towards the development of a Filipino science culture</p> <ol style="list-style-type: none"> 1. Stimulate/enhance interest and favorable attitude in S & T among grade school pupils 2. Develop critical thinking, problem solving skills through S & T 3. Demonstrate how pupils' knowledge of S & T relate to their personal and community life 	<p>Stimulate S & T culture among the youth through art</p> <ol style="list-style-type: none"> 1. Provide an opportunity for young artists to express S & T principles through art; 2. Improve the understanding/appreciation of science concepts through better design and creativeness in science visuals 3. Encourage promising young artists to further develop their talent

	<p>4. Identify and give recognition to outstanding pupils in S & T</p> <p>5. Assist in improving the quality of elementary education in the country</p>	
SUBJECT AREA/ THEME	<p>Applied science concepts - link science concepts with livelihood, common/traditional practices/beliefs, cultural heritage of the Filipinos; and issues and problems of the community</p> <p>Focus: Energy</p>	<p>Theme: Discovering and Caring for our Energy Sources</p> <p>Ang Pagtuklas at Pagkalinga ng Yamang Pang-enerhiya</p> <p>Focus: Energy</p>
DURATION	<p>March 1997 to February 1998: Grand Finals 10-12 December</p>	<p>March 1997 to February 1998: Art Exhibit opening 16 Oct. (Thursday) Exhibit - (October 16 - November 15) Grand Finals 10 -12 Dec</p>
PARTICIPANTS	<p>Grades V, VI, VII, Public and Private elementary schools One contestant per school</p> <ul style="list-style-type: none"> • SCHOOL LEVEL: number of participants determined by school • DIVISION LEVEL: one contestant per school • REGIONAL LEVEL: Maximum number of participants <p>Team Category: 136 teams composed 3 members per team (408) Individual Category: 136</p>	<p>Grades IV, V, VI, VII, Public and Private elementary schools -- 9-13 years old</p> <p>Individual entries, as many entries per school/individual</p> <ul style="list-style-type: none"> • SCHOOL LEVEL: Unlimited number of participants • REGIONAL LEVEL: Best 10/Best 3 entries per region • NATIONAL LEVEL: 10 national finalists

	<p>(total number of divisions nationwide)</p> <ul style="list-style-type: none"> • NATIONAL LEVEL: Maximum of participants <p>Team Category: 5 Teams composed of 3 members per team (15)</p> <p>Individual Category: 5 Contestants</p>	
LEVELS OF SCREENING & SCHEDULE	<ul style="list-style-type: none"> • SCHOOL LEVEL - July - August • DIVISION LEVEL - Sept 26 • REGIONAL LEVEL - Oct 24 • NATIONAL LEVEL - December 10-12 	<ul style="list-style-type: none"> • All entries are sent to the National Secretariat in Manila. Deadline for submission of entries: September 30 • Selection of national finalists -- October 16
MECHANICS	<p>SCHOOL LEVEL: schools frame their own questions</p> <p>DIVISION LEVEL: 40 items multiple choice.</p> <p>Written examinations prepared by Quiz Technical Committee</p> <p>REGIONAL LEVEL: 15 items oral examination (flash card type). Prepared by Quiz Technical Committee</p> <p>NATIONAL LEVEL: 12 items oral examination (10 multiple choice and 2 practical). Prepared by Quiz Technical Committee</p>	<ul style="list-style-type: none"> • All entries are sent to the National Secretariat in Manila. • Selection of best 10 entries per region • Selection of best 3 entries per region & then, 10 national finalists • Selection 3 grand awardees
QUALIFICATION STANDARD CRITERIA	<p>SCHOOL: school science quiz winner</p> <p>DIVISION: Individual - highest</p>	<p>Imagination/Creative thinking Expression 35%</p> <p>Persistence/Research 20%</p>

	<p>scorer with at least 30 points. Team - highest scorer with at least 25 points.</p>	<p>TECHNICAL SKILL 15% UNDERSTAND MEDIA 10% DESIGN FUNDAMENTALS 10% AWARENESS 10%</p> <hr/> <p>100%</p>
TOP AWARDS	<p>REGIONAL: Top scorer (regional winners are ranked and top 5 qualify for the National Grand Finals) NATIONAL: Individual - Top scorer Team - Top scorer Grand awardee: (1) Individual category Grand awardees: (3) Team category Advisers and school of winners are also given awards/recognition</p>	<ul style="list-style-type: none"> • BEST 10 PER REGION 16 REGIONS X 10 = 160 • BEST 3 PER REGION 16 regions x 3 winners = 48 • NATIONAL: National Finalists 10 <p>Grand Awardees (3) Advisers and school of winners are also given awards/recognition</p>
JUDGES	Quiz Technical Committee	Board of Judges: experts from three disciplines
TESTING CENTERS	<p>SCHOOL LEVEL: School DIVISION LEVEL: Chosen by the DECS Division Office in coordination with DOST & National Secretariat</p> <p>REGIONAL LEVEL: 7 Testing centers: Baguio City I, III & CAR Los Baños IV and V Manila II and NCR Iloilo VI, VII & VIII Zamboanga City IX and ARMM</p>	

	Cagayan de Oro X and CARAGA Davao City XI, XII and ARMM	
SPONSORS	Philippine National Oil Company Department of Education Culture and Sports Department of Science & Technology	Philippine National Oil Company Department of Education Culture and Sports Department of Science & Technology
COMPETITION ADMINISTRATOR/ KEY IMPLEMENTOR	Philippine Foundation for Science and Technology	Philippine Foundation for Science and Technology