



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF EDUCATION, CULTURE AND SPORTS
Meralco Avenue, Pasig City

OFFICE OF THE SECRETARY

June 11, 1998

DECS MEMORANDUM
No. 246, s. 1998

1998 YOUNG SCIENTISTS QUIZ AND SCI-ART PROGRAM

To: Bureau Directors
Regional Directors
Schools Superintendents
Private Elementary School Principals

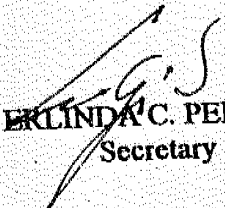
1. The Department of Education, Culture and Sports (DECS), the Department of Science and Technology (DOST), the Philippine National Oil Company (PNOC) and the Philippine Foundation for Science and Technology (PFST) are jointly sponsoring the 1998 Young Scientists Quiz and Sci-Art Program with the general theme "BEST (Bridging Education, Science and Technology) for Nation-Building." The specific theme for this year is "Batang Agham, Batang Bayani".

2. The program which consists of two contests - the Science Quiz and Sci-Art Competition intend to: a) instill science consciousness and develop science-oriented Filipino culture; and b) develop the intellectual, scientific, aesthetic and social values among the Filipino children. Inclosed is the Framework of the Program.

3. School officials and science-mathematics club advisers are enjoined to participate in this activity provided that proper scheduling will be followed to avoid interruption of classes.

4. Transportation and other expenses incurred by the Science Quiz division/regional advisers and participants shall be charged against local funds while transportation and other expenses of national finalists and advisers shall be charged against the program's funds subject to the usual accounting and auditing rules and regulations.

5. Immediate and wide dissemination of this Memorandum is desired.


ERLINDA C. PEFIANCO
Secretary

Incl.: As stated

Reference: DECS Memorandum No. 226, s. 1997

Allotment: 1—(D.O. 50-97)

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

CONTESTS

SCIENCE EDUCATION

1998 YOUNG SCIENTISTS' QUIZ & SCI-ART PROGRAM

FRAMEWORK

	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 TO 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 HIGHER LEVEL OF THINKING SKILLS, ESPECIALLY PROBLEM SOLVING SKILLS, THROUGH PRACTICAL WORK. 3. ENHANCE PUPILS' APPLICATION OF S&T TO DAILY LIVING. 4. ENCOURAGE PUPILS TO PURSUE S & T CAREERS. 5. ASSIST IN IMPROVING THE QUALITY OF ELEMENTARY EDUCATION IN THE COUNTRY. 	<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 CONCEPT THROUGH BETTER DESIGN AND CREATIVENESS IN SCIENCE VISUALS 3. ENCOURAGE PROMISING YOUNG ARTISTS TO FURTHER DEVELOP THEIR TALENT
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: SCIENCE FOR LIFE: ENERGY & ENVIRONMENT</p>	<p>THEME: "BATANG AGHAM, BATANG BAYANI."</p> <p>FOCUS: SCIENCE FOR LIFE: ENERGY & ENVIRONMENT</p>
DURATION	<p>JUNE 1998 TO MAY 1999: GRAND FINALS: JANUARY 18-21, 1999</p>	<p>JUNE 1998 TO MAY 1999: ART EXHIBIT OPENING: DECEMBER 3, 1998 (DECEMBER 3-31, 1998)</p>
PARTICIPANTS	<p>GRADES V, VI, VII, PUBLIC AND PRIVATE ELEMENATRY SCHOOLS -- 11-13 YEARS OLD. 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 (TOTAL NO. OF SCHOOLS) • REGIONAL LEVEL: MAXIMUM NUMBER OF PARTICIPANTS TEAM CATEGORY: 140 TEAMS COMPOSED OF 3 MEMBERS PER TEAM (420) INDIVIDUAL CATEGORY: 140 (TOTAL NUMBER OF DIVISIONS NATIONWIDE) • NATIONAL LEVEL: MAXIMUM NUMBER OF PARTICIPANTS TEAM CATEGORY: 5 TEAMS COMPOSED OF 3 MEMBERS PER TEAM (15) INDIVIDUAL CATEGORY: 5 CONTESTANTS 	<p>GRADES V, VI, VII, PUBLIC AND PRIVATE ELEMENATRY SCHOOLS -- 11-13 YEARS OLD. 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
LEVELS OF SCREENING SCHEDULE	<ul style="list-style-type: none"> • SCHOOL LEVEL - AUG. 1- SEPT. 15 • DIVISION LEVEL - OCT. 9 • REGIONAL LEVEL - NOV. 20 • NATIONAL LEVEL - JAN. 18-21 	<p>ALL ENTRIES ARE SENT TO THE NATIONAL SECRETARIAT IN MANILA. DEADLINE FOR SUBMISSION OF ENTRIES : OCTOBER 30 SELECTION OF NATIONAL FINALISTS - DECEMBER 3.</p>

MECHANICS	<ul style="list-style-type: none"> • SCHOOL LEVEL: SCHOOLS FRAME THEIR OWN TEST QUESTIONS • DIVISION LEVEL: 40-ITEMS MULTIPLE CHOICE, WRITTEN EXAMINATIONS PREPARED BY QTC. • REGIONAL LEVEL: 12-ITEM ORAL EXAMINATION (FLASH CARD TYPE). PREPARED BY QTC. • NATIONAL LEVEL: 12-ITEM ORAL EXAMINATION (BUZZER TYPE) PREPARED BY QTC. 70% - QUIZ PROPER 30% - INVESTIGATORY PROJECT 	<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 • SELECTION OF 10 NATIONAL FINALISTS & 3 GRAND AWARDEES 																		
QUALIFICATION STANDARD CRITERIA	<ul style="list-style-type: none"> • SCHOOL: SCHOOL SCIENCE QUIZ WINNER • DIVISION: INDIVIDUAL 30 POINTS TEAM 25 POINTS • REGIONAL: TOP SCORER (REGIONAL WINNERS ARE RANKED AND TOP 5 QUALIFY FOR THE NATIONAL GRAND FINALS) • NATIONAL: INDIVIDUAL - TOP SCORER TEAM - TOP SCORER 	<ul style="list-style-type: none"> • BEST 10 PER REGION 16 REGIONS x 10 = 160 • BEST 3 PER REGION 16 REGIONS x 3 = 48 • NATIONAL: 10 GRAND FINALISTS <p>CRITERIA FOR JUDGING</p> <table border="0"> <tr> <td>IMAGINATION</td> <td>35%</td> </tr> <tr> <td>CREATIVE THINKING</td> <td></td> </tr> <tr> <td>EXPRESSION</td> <td></td> </tr> <tr> <td>PERSISTENCE & RESEARCH</td> <td>20%</td> </tr> <tr> <td>TECHNICAL SKILL</td> <td>15%</td> </tr> <tr> <td>UNDERSTAND MEDIA</td> <td>10%</td> </tr> <tr> <td>DESIGN FUNDAMENTALS</td> <td>10%</td> </tr> <tr> <td>AWARENESS</td> <td>10%</td> </tr> <tr> <td></td> <td><u>100%</u></td> </tr> </table>	IMAGINATION	35%	CREATIVE THINKING		EXPRESSION		PERSISTENCE & RESEARCH	20%	TECHNICAL SKILL	15%	UNDERSTAND MEDIA	10%	DESIGN FUNDAMENTALS	10%	AWARENESS	10%		<u>100%</u>
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JUDGES	QUIZ TECHNICAL COMMITTEE	<p>BOARD OF JUDGES : EXPERTS FROM THREE DISCIPLINES</p> <ul style="list-style-type: none"> • ART • SCIENCE • COMMUNICATION 																		
TESTING CENTERS	<p>SCHOOL LEVEL : SCHOOL</p> <p>DIVISION LEVEL : CHOSEN BY THE DECS DIVISION OFFICE IN COORDINATION WITH DOST & NATIONAL SECRETARIAT</p> <p>REGIONAL LEVEL: 7 TESTING CENTERS:</p> <table border="0"> <tr> <td>I, II, III AND CAR</td> <td>BAGUIO CITY</td> </tr> <tr> <td>IV & V</td> <td>LEGASPI CITY</td> </tr> <tr> <td>NCR</td> <td>MANILA</td> </tr> <tr> <td>VI, VII, AND VIII</td> <td>CEBU CITY</td> </tr> <tr> <td>IX AND ARMM</td> <td>ZAMBOANGA CITY</td> </tr> <tr> <td>X & CARAGA</td> <td>CAGAYAN DE ORO</td> </tr> <tr> <td>XI, XII AND ARMM</td> <td>DAVAO CITY</td> </tr> </table>	I, II, III AND CAR	BAGUIO CITY	IV & V	LEGASPI CITY	NCR	MANILA	VI, VII, AND VIII	CEBU CITY	IX AND ARMM	ZAMBOANGA CITY	X & CARAGA	CAGAYAN DE ORO	XI, XII AND ARMM	DAVAO CITY					
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SPONSORS	PHILIPPINE NATIONAL OIL COMPANY (PNOC) DEPARTMENT OF SCIENCE & TECHNOLOGY (DOST) DEPARTMENT OF EDUCATION, CULTURE AND SPORTS (DECS)	PHILIPPINE NATIONAL OIL COMPANY (PNOC) DEPARTMENT OF SCIENCE & TECHNOLOGY (DOST) DEPARTMENT OF EDUCATION, CULTURE AND SPORTS (DECS)																		
KEY IMPLEMENTOR	PHILIPPINE FOUNDATION FOR SCIENCE AND TECHNOLOGY (PFST)	PHILIPPINE FOUNDATION FOR SCIENCE AND TECHNOLOGY (PFST)																		