



REPUBLIKA NG PILIPINAS
REPUBLIC OF THE PHILIPPINES
KAGAWARAN NG EDUKASYON, KULTURA AT ISPORTS
DEPARTMENT OF EDUCATION, CULTURE AND SPORTS
DECS Complex, Merale A venue
Pig City Philippines



*Sama Sama
sa DECS*

*Tanggapan ng Kalihim
Office of the Secretary*

August 10, 1999

DECS MEMORANDUM
No 334, s. 1999

1999 YOUNG SCIENTISTS AND SCI ARTISTS PROGRAM

To Bureau Directors
Regional Directors
Directors of Services/Centers and Heads of Units
Schools Superintendents
Private Elementary School Principals

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-implementing the 1999 Young Scientists and Artists Program with the general theme "BEST (Bridging Education, Science and Technology) For Nation Building. The specific theme for this year is Batang Agham sa Bagong Milenyó, with focus on Science as a Way of Life Energy and Environment.

2 The program is a national activity consisting of two competitions the Young Scientists and the Sci Artists Program. These contests aim to develop the intellectual scientific, aesthetic and social values among children. Inclosed is the Framework of the 1999 Young Scientists and Sci Artists Program.

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 requested to cooperate with PFST DOST and PNOC representatives 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 Travel and board and lodging expenses incurred by the Young Scientists 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 funds subject to the usual accounting and auditing rules and regulations.

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

6 Immediate dissemination of this Memorandum is desired.

Andrew B Gonzalez
ANDREW B GONZALEZ FSC
Secretary

E Mail Address
OSEC @SKYINET.NET

Together Let Us Build This Nation Through Education

Tel # 02 633 7228 or 7208
Fax # 02 632-0805

Incl

As stated

Reference

DECS Memorandum No 246, s. 1998

Allotment 1—(D O 50 97)

To be indicated in the Perpetual Index
under the following subjects

CONTESTS
EXHIBIT
SCIENCE EDUCATION

1999 YOUNG SCIENTISTS & SCI ARTISTS 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 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>SUGGESTED THEME BATANG AGHAM BATANG BAYANI</p>
DURATION	<p>JUNE 1999 TO MAY 2000 GRAND FINALS JANUARY 24 27 2000</p>	<p>JUNE 1999 TO MAY 2000 ART EXHIBIT OPENING DEC 3 1999 (DECEMBER 3 31, 1999)</p>
PARTICIPANTS	<p>GRADES V VI VII PUBLIC AND PRIVATE ELEMENATRY SCHOOLS ONE CONTESTANT PER SCHOOL</p> <p>SCHOOL LEVEL NUMBER OF PARTICIPANTS DETERMINED BY SCHOOL DIVISION LEVEL ONE CONTESTANT PER SCHOOL (TOTAL NO OF SCHOOLS) REGIONAL LEVEL MAXIMUM NUMBER OF PARTICIPANTS <i>TEAM CATEGORY</i> 140 TEAMS COMPOSED OF 3 MEMBERS PER TEAM (420) <i>INDIVIDUAL CATEGORY</i> 140 (TOTAL NUMBER OF DIVISIONS NATIONWIDE) NATIONAL LEVEL MAXIMUM NUMBER OF PARTICIPANTS <i>TEAM CATEGORY</i> 5 TEAMS COMPOSED OF 3 MEMBERS PER TEAM (15) <i>INDIVIDUAL CATEGORY</i> 5 CONTESTANTS</p>	<p>GRADES V VI VII PUBLIC AND PRIVATE ELEMENATRY SCHOOLS - 11 13 YEARS OLD OUT OF SCHOOL STREET CHILDREN CHILDREN IN DIFFICULT SITUATIONS & VICTIMS OF CONFLICT & VIOLENCE - 11 17 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
LEVELS OF SCREENING & SCHEDULE	<p>SCHOOL LEVEL Aug 16 SEPT 15 DIVISION LEVEL OCTOBER 15 REGIONAL LEVEL NOVEMBER 26 NATIONAL LEVEL JANUARY 24 27</p>	<p>ALL ENTRIES ARE SENT TO THE NATIONAL SECRETARIAT IN MANILA DEADLINE FOR SUBMISSION OF ENTRIES NOVEMBER 15 SELECTION OF NATIONAL FINALISTS DECEMBER 3</p>

MECHANICS	<p>SCHOOL LEVEL SCHOOLS FRAME THEIR OWN TEST QUESTIONS</p> <p>DIVISION LEVEL 40 ITEMS MULTIPLE CHOICE WRITTEN EXAMINATIONS PREPARED BY QTC</p> <p>REGIONAL LEVEL 12 ITEM ORAL EXAMINATION (FLASH CARD TYPE) PREPARED BY QTC</p> <p>NATIONAL LEVEL 12 ITEM ORAL EXAMINATION (BUZZER TYPE) PREPARED BY QTC</p> <p>60 / QUIZ PROPER 40 / INVESTIGATORY PROJECT</p>	<p>ALL ENTRIES ARE SENT TO THE NATIONAL SECRETARIAT IN MANILA</p> <ul style="list-style-type: none"> • 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	<p>SCHOOL SCHOOL SCIENCE QUIZ WINNER</p> <p>DIVISION INDIVIDUAL 30 POINTS TEAM 25 POINTS</p> <p>REGIONAL TOP SCORER (REGIONAL WINNERS ARE RANKED AND TOP 5 QUALIFY FOR THE NATIONAL GRAND FINALS)</p> <p>NATIONAL INDIVIDUAL TOP SCORER TEAM TOP SCORER</p>	<ul style="list-style-type: none"> • BEST 10 PER REGION 16 REGIONS x 10 = 160 • BEST 3 PER REGION 16 REGIONS x 3 = 48 <p>NATIONAL 10 GRAND FINALISTS</p> <p><i>CRITERIA FOR JUDGING</i></p> <p>IMAGINATION 35 / CREATIVE THINKING EXPRESSION PERSISTENCE RESEARCH 30 / AND AWARENESS TECHNICAL SKILL 15 / UNDERSTAND MEDIA 10 / DESIGN FUNDAMENTALS 10 / 100%</p>
JUDGES	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 CHOSEN BY THE DECS</p> <p>DIVISION LEVEL DIVISION OFFICE IN COORDINATION WITH DOST & NATIONAL SECRETARIAT</p> <p>REGIONAL LEVEL 8 TESTING CENTERS</p> <p>I III AND CAR LA UNION II TUGUEGARAO IV & V NAGA CITY NCR MANILA VI VII AND VIII TACLOBAN CITY IX AND ARMM ZAMBOANGA X & CARAGA BUTUAN CITY XI XII AND ARMM DAVAO CITY</p>	
SPONSORS	<p>PHILIPPINE NATIONAL OIL COMPANY (PNOC) DEPT OF SCIENCE & TECHNOLOGY (DOST) DEPT OF EDUC. CULTURE & SPORTS (DECS)</p>	<p>PHILIPPINE NATIONAL OIL COMPANY (PNOC) DEPT OF SCIENCE & TECHNOLOGY (DOST) DEPT OF EDUC, CULTURE & SPORTS (DECS)</p>
KEY IMPLEMENTOR	PHILIPPINE FOUNDATION FOR SCIENCE AND TECHNOLOGY (PFST)	PHILIPPINE FOUNDATION FOR SCIENCE AND TECHNOLOGY (PFST)