

Republic of the Philippines
(Republic of the Philippines)
KAGABAHAN NG PANGALANG KALAKALAN
(DEPARTMENT OF EDUCATION AND CULTURE)
Manila

August 5, 1975

DEPARTMENT MEMORANDUM
No. 106, s. 1975

PROMOTION OF SCIENCE CONSCIOUSNESS

To the:

Bureau Directors
Regional Directors
Coordinator, State Colleges & Universities

1. The Science Foundation of the Philippines (SFP), with the cooperation of the Department of Education and Culture, is implementing this school year a sectoral project on the promotion of science consciousness (public understanding of science and technology) under the NEDA-MCDD program.

2. The project has the following objectives:

- a) To promote scientific, critical and logical attitudes in the youth through science club activities;
- b) To develop out-of-school scientific and technological activities for young people as they relate to the socio-economic development of the country;
- c) To enable young people to gain scientific knowledge and to place them in direct contact with scientific work and experiments so as to give them a chance to develop their own creativeness and, therefore, to be able to develop in themselves talents in science; and

3) to promote public understanding and appreciation of basic scientific attitudes and skills.

3. Enclosed is the program of activities.

4. In view of the importance of the project, active participation of school administrators and teachers in these science promotion activities is enjoined.

5. The school officials and teachers indicated in the program of activities as participants may attend the seminars on official time with reasonable travel expenses chargeable against local funds.

(SGD.) JOHN L. MUMFORD
Secretary

Incl.:

as stated.

Republika ng Pilipinas
 PANGKABUNANG AKADEMIK NG PILIPINAS
 (Science Foundation of the Philippines)
 Nilikha sa ilalim ng Batas ng Republika 770
 1913 Taft Avenue, Manila

PROGRAM OF ACTIVITIES: FISCAL YEAR 1975-1976
PUBLIC UNDERSTANDING OF SCIENCE AND TECHNOLOGY

TITLE OF RESEARCH STUDY/ ACTIVITY	PLACE OF STUDY/ ACTIVITY	DATE AND DURATION	GOALS
1. Research and Development of Public Understanding of Science and Technology			
A. Development of Tools for Public Understanding of Science and Technology			
1. Study of the Status, Trends and Problems of Science Clubs from 1971-75 in Six Regions	Region 1, 3, 4B, 6, 8 and 11	November 1974- December 1975	100% com- pletion
2. Study on the Pursuance of Science Careers by Participants of the 1971 National Science Fair, Science Quiz and Science Camp	All regions	July 1975 to June 1976	100% com- pletion
3. Study on the Profile of the 1971-75 Regional Science Fairs, and Quizzes	All regions	July 1975 to June 1976	100% com- pletion
4. Study on the Major Factors that Affect the Conduct of Science Fairs:	All regions	July 1975 to June 1976	100% com- pletion
a. Criteria for Evaluating Science Projects			
b. Criteria for the Selection of Science Fair Judges			
5. Evaluation of Handbooks			
3. Determination of Environmental Aspects that Enhance or hinder the Effectiveness of the Program on Public Under- standing of Science and Technology	Barrio Magsaysay Manila; Oila Laguna and Ilaya Rizal	July 1975 to Dec. 31, 1976	100% com- pletion
1. Study on -			
a. Cultural and			

TITLE OF RESEARCH STUDY/ ACTIVITY	PLACE OF STUDY/ ACTIVITY	DATE AND DURATION	GOALS
II. Science Promotion -			
<p>A. Presentation of the Out-of-School Science Education Program to Selected Group, Representing Key Cooperating Agencies (Tri-regional)</p> <p><u>Participants:</u> Division Supts of Schools, heads of state colleges and universities, regional heads of associations of private schools, colleges and universities, regional head of employer associations, representatives of DEU and KSPC regional offices</p> <p><u>Focus:</u> Out-of-School Science Education - A Strategy in Promoting Better Public Understanding of Science and Technology for National Development</p>	<p>Region 1, 2 and 3, Baguio City Region 4, 4B and 5, Legaspi City Region 6, 7 and 8, Iloilo City Region 9, 10 and 11, Cebu City</p>	<p>Sept. 25-26 Sept. 27-28 Sept. 29-30 Sept. 13-19</p>	<p>4 Seminars will be organized on a tri-regional representation (40 per seminar)</p>
<p>B. Vitalization of Out-of-School Science Education -</p> <p>1. Leadership Training</p>			<p>12 workshops</p>

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2. Leadership Training and Development on Science Clubbing (regional and/or provincial)	To be conducted in different places and dates upon request from interested science club organizations through project proposals	Any date in October October (5 days)	20 workshop seminars are programme for assistance
<u>Participants:</u> Science club advisers or members			
<u>FOCUS:</u> The Role of Science Clubs in the Conservation and Utilization of Natural Resources for Community Development			
3. Science Writing Training (National)	Greater Manila	Nov. 9-15	1 workshop seminar will be conducted with 50 campus paper advisers and 10 high school paper editor participants
<u>Participants:</u> Campus paper and editors			
<u>Focus:</u> Campus Science Reporting for Community Development			
4. Summer Institute for Leaders of Out-of-School Science Education			
Region 1, 2 and 3	University of Baguio Baguio City	April-May 1975	4 Summer Institute will be
Region 4A, 4B and 5	Ferdinand Marcos State University, Marikina	-do-	established with 20-25 advisers per center
Region 6, 7 and 8	West Visayas State College or Iloilo Iloilo City	-do-	participat
Region 9, 10 and 11	Mindanao State University, Marawi	-do-	

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E. Science Quizzes			
1. Regional	Same places as the regional science fairs	Jan. 24	15 science quizzes will be organized 12 regional and 1 on the national level.
2. National	Greater Manila	March 4-5	
F. Science Camps			
1. Regional	To be conducted in different places and dates upon request from interested science club organizations through project proposals		5 regional youth science camps will be organized. 1 NISG will be organized.
2. National	Puerto Galera, Oriental Mindoro	May 3-12	
G. Youth Research Apprenticeship Action Program (YRAAP-III)	MPLB, Laguna	April	20 outstanding science fairs participants will be selected
H. Science Publications			
1. Out-of-School Science Education Magazine	Central Office	Quarterly	4 issues will be published
2. Science Club Reporter (enriched with	Central Office	Trimestral	3 issues will be published

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E. Science Quizzes			
1. Regional	Same places as the regional science fairs	Jan. 24	13 science quizzes will be organized in 13 regions and 1 on the national level.
2. National	Greater Manila	March 4-5	
F. Science Camps			
1. Regional	To be conducted in different places and dates upon request from interested science club organizations through project proposals		3 regional youth science camps will be organized.
2. National	Puerto Salera, Oriental Mindoro	May 7-12	
G. Youth Research Apprenticeship Action Program (YRAAP-III)	UPLD, Laguna	April	20 outstanding science fair participants will be selected
H. Science Publications			
1. Out-of-School Science Education Magazine	Central Office	Quarterly	4 issues will be published
2. Science Club Reporter (enriched with illustrations on the life and works of scientists and inventors)	Central Office	Trimestral	3 issues will be published
I. Science Forum on Public Understanding of Science and Technology	MSF-III, Iligan City	Feb. 18	1 forum will be conducted during the NSF and another assisted upon request through project
J. TV Science Program	V. 4 Manila	Bimonthly	
K. Search for Unusual Living Organism	Nationwide		

TITLE OF RESEARCH STUDY/ ACTIVITY	PLACE OF STUDY/ ACTIVITY	DATE AND DURATION	GOALS
B. Design of STM Galleries:			
C. Design and Construction: of Display Prototypes and Models			