



REPUBLIKA NG PILIPINAS  
REPUBLIC OF THE PHILIPPINES  
KAGAWARAN NG EDUKASYON, KULTURA AT ISPORTS  
DEPARTMENT OF EDUCATION, CULTURE AND SPORTS  
DECS Complex, Meralco Avenue  
Pasig City Philippines



*Sama-Sama  
sa DECS*

*Tanggapan ng Kalihim  
Office of the Secretary*

February 11 2000

**DECS MEMORANDUM**

No 53, s 2000

**NATIONAL YOUTH SCIENCE TECHNOLOGY AND ENVIRONMENT  
SUMMER CAMP 2000**

**To Regional Directors  
Schools Superintendents  
Regional Science High School Principals  
Private Secondary School Principals**

1 The Philippine Society of Youth Science Clubs (PSYSC) Inc., in cooperation with the Department of Education Culture and Sports (DECS) – Center for Students and Co-Curricular Affairs (CSCA) and the Department of Science and Technology (DOST), announces the holding of the National Youth Science Technology and Environment Summer Camp 2000 (CAMP 2000) from March 31 to April 6, 2000 at Midway White Beach Tubigan Initao, Misamis Oriental

2 With the theme "Philippine Technology and Beyond" Camp 2000 aims to provide learning experiences and exposure to participants and enable them to comprehend and delve further into the various scientific and technological fields that are currently within Philippine experience It will be composed of a series of lectures, workshops, situationers syntheses group dynamics field trips and socials and plant visits

3 Participation of each PSYSC-affiliated Science Club is limited to a maximum of six (6) high school students and one (1) teacher-adviser who have not attended two successive camps (1998 and the 1999 NYSTESC) Excess applicants will not be accepted

4 Travel expenses, registration fee of Three Thousand Four Hundred Pesos (P3 400 00) and other incidental expenses for this activity may be sourced from the Local School Board and/or various organizations to ensure maximum participation The registration fee will cover lodging and meals from dinner of March 31 up to afternoon snacks of April 6 handouts, field trips, and other miscellaneous expenses A solicitation letter is enclosed which may be reproduced

E-Mail Address  
OSEC SKYINET NET

Together Let Us Build This Nation Through Education

Tel # 02-613 7228 or 7208  
Fax # 02-6 12-0805

5 Interested applicants must submit the following on or before March 3 2000 to be considered reserved

- a Duly accomplished application forms
- b Principal's endorsement letter for the whole delegation
- c Parental consent (except teacher-adviser)
- d Medical certificate
- e Non refundable reservation deposit of Six Hundred Pesos (P600.00) per participant (deductible from the registration fee) payable only to the Philippine Society of Youth Science Clubs Inc (PSYSC) with Account No. 0702-1020-65 and preferably deposited at any Land Bank of the Philippines branch or sent through Postal Money Order (PMO) before the set deadline to

Philippine Society of Youth Science Clubs (PSYSC), Inc  
Unit 4C VS1 Building, #34 Kalayaan Avenue  
Diliman Quezon City 1101

- f Copy of original and duly validated deposit slip

6 Each participant must bring the balance of the registration fee to be paid on registration day, photocopy of the validated deposit slip, enough clothes (including costumes for cultural presentation and two semi-formal clothes for opening and closing ceremonies), pocket money, toiletries and other personal belongings for the duration of the camp

7 Participation is limited to 700 slots only and processing of application shall be on a first come-first-served and regional quota bases depending on the number of the affiliated science clubs in a particular region. Interested participants who failed to meet the set deadline must call and verify with the PSYSC the availability of slots before depositing the required reservation fee. Confirmation slips will be mailed directly to accepted participants. If no confirmation arrives by March 20 2000, participants should call or fax the PSYSC at (02) 435-2586/433-9801

8 The registration period is from 7:00 A.M. – 3:00 P.M. of March 31 2000 only. Participants who cannot come during the registration period must inform the PSYSC at least three (3) days in advance.

9 As a co-curricular activity of the Department, all concerned are encouraged to support the Camp. This event is part of the Department's thrust to enhance youth and student participation in science, technology and environment out-of-classroom activities and education.

10 Attached are the schedule of activities and a copy of the application form, which shall be sent directly to PSYSC-affiliated schools and also available at the PSYSC National Office or any DECS and DOST field office

11 Immediate dissemination of this Memorandum to all concerned is earnestly desired

*Andrew Gonzalez*  
ANDREW GONZALEZ, FSC  
Secretary

Reference DECS Memorandum No 60, s 1999

Allotment 1—(D O 50-97)

To be indicated in the Perpetual Index  
under the following subjects

✓ CLUBS  
✓ SCIENCE EDUCATION  
✓ SECONDARY EDUCATION



## Camp 2K

7 00 – 8 30	Breakfast
8 30 – 10 00	<b>Robotics Robotics in Philippine Industry</b> Bottling & Distillery Cement Factory
10 00 – 10 30	Snacks
10 30 – 11 30	Workshop 3
11 30 – 1 00	Lunch
1 00 – 2 00	Synthesis 3
2 00 – 3 30	<b>Material Science</b> Steel, Metals and Alloys Ceramic, Plastic and Composites
3 30 – 4 00	Snack
4 00 – 5 00	Workshop 4
5 00 – 6 00	Synthesis 4
6 00 – 7 30	Dinner
7 30 – 10 00	Social Night

### Robotics Robotics in Philippine Industries

Lectures on the mechanics of factory robots its effectiveness from Philippine experiences

Also discusses developments from the past up to the latest trends in developed countries

### Material Science

Presentations of researches and technologies used in the Philippines about Steel Metals Alloys Ceramics Plastics and Composites

Also discusses developments from the past up to the latest trends in developed countries

## Day 4 Computer Day, April 4, 2000

6 00 – 7 00	Morning Exercises
7 00 – 8 30	Breakfast
8 30 – 10 00	<b>Information Technology</b> Electronics, Automation and Artificial Intelligence Web Page Design, Desktop Publishing and Virtual Reality
10 00 – 10 30	Snacks
10 30 – 11 30	Workshop 5
11 30 – 1 00	Lunch
1 00 – 2 00	Synthesis 5
2 00 – 3 30	<b>Telecommunications</b> The Internet, Networking Communications and Cellular Technology Cables, Fiber Optics and GSM Technology
3 30 – 4 00	Snack
4 00 – 5 00	Workshop 6
5 00 – 6 00	Synthesis 6
6 00 – 7 30	Dinner
7 30 – 10 00	Quiz Show

### Information Technology

A symposia concerning Philippine capabilities on areas as Electronics Automation, Artificial Intelligence Web Page Design Desktop Publishing and Virtual Reality

Also discusses developments from the past up to the latest trends in developed countries

## Day 5 Educational Trip Day, April 5

6 00 – 7 00	Morning Exercises
7 00 – 8 30	Breakfast
8 30 – 6 00	Educational Trip
6 00 – 7 30	Dinner
7 30 – 10 00	Awards Night Candle Lighting Ceremony

### Telecommunications

Imparting innovations within Philippine experience regarding Networking Communications the Internet Cellular Technology Cables Fiber Optics and GSM Technology

Also discusses developments from the past up to the latest trends in developed countries

## Day 6 Closing Day, April 6, 2000

6 00 – 7 00	Morning Exercises
7 00 – 8 30	Breakfast
8 30 – 10 00	Finalization of Output
10 00 – 11 30	Presentation of Output
11 30 – 1 00	Lunch





### Day 0 Registration Day, March 31, 2000

- 7 00 – 3 00 Registration
- 3 00 – 5 30 Integration
- 5 30 – 7 00 Dinner
- 7 00 – 8 00 Orientation
- 8 00 – 9 00 Sub camp Congregation

### Day 1 Opening Day, April 1, 2000

- 6 00 – 7 00 Morning Exercises
- 7 00 – 8 30 Breakfast
- 8 30 – 9 30 Opening Ceremony
- 9 30 – 10 00 Snacks
- 10 00 – 11 30 Situationer
- 11 30 – 1 00 Lunch
- 1 00 – 2 30 Sub-camp Congregation
- 2 00 – 3 00 Banner Making
- 3 00 – 3 30 Snack
- 3 30 – 5 30 Regional Meeting
- 5 30 – 7 00 Dinner
- 7 00 – 8 30 Special Topics
  - Genetic Engineering
  - Space Flight
  - Sports fest
- 8 30 – 10 00 Special Topics
  - Nuclear Fission
  - Nuclear
  - Sports fest

**Special Topics**

Genetic Engineering – future of human genome project cloning and cure for cancer

Space Flight – future of space research habitation and exploration

Nuclear Medicine – future of radioisotopes and applications of nuclear radiation

Nuclear Fission – future of nuclear power plants military weapons fuel and propulsion

### Day 2 Agriculture Day, April 2, 2000

- 6 00 – 7 00 Morning Exercises
- 7 00 – 8 00 Breakfast
- 8 00 – 10 00 Food Technology Food Pipeline
  - Food Processing
  - Food Packaging
- 10 00 – 10 30 Snacks
- 10 30 – 11 30 Workshop 1
- 11 30 – 1 00 Lunch
- 1 00 – 2 00 Synthesis 1
- 2 00 – 3 30 Biotchnology
  - Tissue Culture and Monoclonal Antibodies
  - Horticulture and Plant Breeding
- 3 30 – 4 00 Snack
- 4 00 – 5 00 Workshop 2
- 5 00 – 6 00 Synthesis 2
- 6 00 – 7 30 Dinner
- 7 30 – 10 00 Cultural Night

Biotchnology

Exposition on Philippine institutional researches concerning selected topics as Horticulture Plant Breeding Tissue Culture and Monoclonal Antibodies

Also discusses developments from the past up to the latest trends in developed countries

Food Technology Food Pipeline

A follow through of food pipelines (includes agricultural and food processes) that is latest in Philippine experience

Also discusses developments from the past up to the latest trends in developed countries

### Day 3 Industry Day, April 3, 2000

- 6 00 – 7 00 Morning Exercises



**Philippine Society of Youth Science Clubs, Inc**  
4C VS1 Bldg 34 Kalayaan Ave Diliman Quezon City  
Tel No 4339801/4352586 e mail [psysc@next.net](mailto:psysc@next.net)

February 1 2000

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Dear Sir/Ma'am

Greetings!

The **Philippine Society of Youth Science Clubs, Inc** is a scientific educational non stock non profit organization of science clubs with over 300 000 affiliates nationwide and with Securities and Exchange Commission Registration No 57974 Now on its 28<sup>th</sup> year of existence the society continues to conduct programs and projects geared toward the promotion of scientific interest and consciousness among our youth

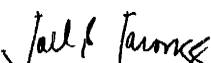
In line with our thrust we shall be conducting the **National Youth Science Technology, and environment Summer Camp 2000 (Camp 2000)** on **March 31 April 6, 2000** at the **Midway White Beach, Initao, Misamis Oriental** with the theme **"Philippine Technology and Beyond"** The Camp is a week long national activity for high school science enthusiasts that aims to introduce the latest trends and advances in science and technology through a series of lectures and workshops exposure trips and other educational and fun filled activities

In this connection we would like to seek your assistance and support by sponsoring in full or in part the registration fee travel and other incidental expenses of the delegates from your locality to the Camp They will coordinate with you regarding this matter We hope that you will extend your utmost support to them

Should you have any questions please do not hesitate to contact us at (02) 433 9801 or 435 2586

Your favorable response will greatly contribute to the development of young science leaders in the country Thank you and more power

Very truly yours

  
**JOEL B. TARONGOY**  
National President