



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



July 28, 1997

*Sama-Sama
 sa DECS*

DECS MEMORANDUM
 No. 285, s. 1997

YOUTH SCIENCE PROJECTS: GAWAD AGKATEK/NSCM/PPO/TOYS

- To: Regional Directors
 Schools Superintendents
 Regional Science High School Principals
 Divisional Leader School Principals
 District Supervisors
 Private Elementary and Secondary School Principals
 Vocational High School Principals

i. The Department of Science and Technology (DOST) through the Science Education Institute (SEI) in cooperation with the Department of Education, Culture and Sports (DECS) and other major sponsors will conduct the following projects this schoolyear 1997-98:

Sponsors

- | | |
|---|---------------|
| 4th Gawad AGKATEK | Prudentialife |
| 1997 National Science Club Month (NSCM) | SEI |
| 3rd Philippine Physics Olympiad (PPO) | DOST |
| Search for the Outstanding Youth Science-
Researchers (TOYS) | INTEL Phils. |

2. The schedule of implementation shall be as follows:

SCHEDULE

Projects/Activities	Division	Regional	Inter- Regional	National
<u>4th Gawad AGKATEK</u>				
- Launching	Sept. 4, '97			
- Deadline of submission of entries		Nov. 7 '97		Jan. 7, '98
- On-site judging of entries		3rd-4th week of Nov. '97		Jan-Feb. '98
- Awarding				Mar. 12- 13, '98

S C H E D U L E

Projects/Activities	Division	Regional	Inter- Regional	National
<u>NSCM</u>				
- A day In the Science Community - Year 3 (Focus: Material Science and Information Technology)	Sept. 1, '97			
- Regional Activities	Sept. '97			
<u>PPO</u>				
- Competition Dates	Nov. 28, '97		Jan. 20-23 '98	Mar. 10- 13, '98
- Deadline of submission of participation forms	Sept. 19, '97			
<u>TOYS</u>				
- Competition Dates	Oct-Nov '97	Dec. 4-5 '97	last week of Jan. '98	Mar. 11- 13, '98
- Deadline of submission of entries	Oct. 10 '97	Nov. 14 '97	Jan. 16 '98	Feb. 13 '98

3. Announcements, guidelines and scheme of conduct, application/participation form for each project are inclosed.

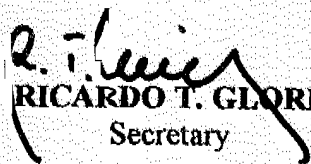
4. Transportation, per diems, food and allowable expenses incident to participation in these projects/activities at the division, regional and interregional stages shall be charged against local or school funds subject to its availability and the usual accounting and auditing regulations. Expenses at the national level competitions/activities of official participants shall be borne by DOST-SEI and other co-sponsors.

5. Physical facilities and working committees at all levels shall be taken cared of by DECS in coordination with DOST-SEI and other co-sponsors. Division and regional science supervisors, science club members, advisers and students shall extend cooperative and support to the DOST-SEI representative.

6. Queries regarding the abovementioned youth science projects/activities maybe addressed to the National Secretariat at the:

Scholarship and Training Division
Science Education Institute
Department of Science and Technology
Tel. No. (632) 837-1333, Fax (632) 837-1924
E-mail ecr@stednet1.sei.dost.gov.ph

7. Immediate dissemination of this Memorandum is desired.


RICARDO T. GLORIA
Secretary

Incls.:
As stated

Reference:
DECS Memorandums: Nos. 103, 359, s. 1995 and 71, s. 1996

Allotment: 1-2-3--(D.O. 50-97)

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

CONTESTS
PROJECTS
SCIENCE EDUCATION

(Inclosure to DECS Memorandum)

WORKING COMMITTEES OF THE PHILIPPINE'S PHYSICS OLYMPIAD

Two sets of working groups will be constituted to carry out the PPO:

National Technical Committee (NTC)

1. The PPO National Technical Committee (PPO-NTC) with at most eight (8) members is headed by the Project Director with office at the National Institute of Physics, UP Diliman, Quezon City; the membership includes representatives from SEI, SPP, DECS, among others.

The PPO National Technical Committee has the following functions:

- a. Draws up the policies and direction of the project;
- b. Prepares the implementing guidelines of the PPO;
- c. Determines the schedule of PPO implementation in all stages;
- d. Creates other working committees to facilitate the smooth implementation of the project and as the needs arise;
- e. Assigns the Test Making Group to formulate test items for the three stages of the competition and submits the answer keys;
- f. Approves names of members of the Board of Judges for the interregional and national competitions; and
- g. Announces officially the division winners and the qualifiers to the interregional and national stage competitions.

Regional Coordinating Committee (RCC)

The PPO Regional Coordinating Committee (PPO-RCC), based at the respective DOST Regional Office and with membership which includes the DOST Regional Director, one representative from the DECS Regional Office and one representative from the Samahang Pisika ng Pilipinas and other sectors. The SPP representative is invited by the DOST regional office. Representatives of other sectors, like the business and industry, government and civic organizations, may be invited by the representatives of DOST and DECS. The total membership shall not exceed five (5) with the DOST Regional Director as chair of the PPO RCC.

General Functions of the PPO-RCC:

- a. Takes charge of the coordination and implementation of the division competition;
- b. Forms the necessary committees for the implementation of the PPO at the division level;
- c. Selects the venues for the divisional competitions;
- d. Designates test administrators, proctors and correctors for the division competition;
- e. Makes decisions in cases of participation procedures/problems in the division competition;
- f. Submits to PPO-NTC the corrected answer sheets and duly accomplished score sheets at the division level competition; and
- g. Oversees the administration and the correction of the division stage competition.

DOST/DECS Regional Offices

Specifically, the following functions shall be undertaken by the DOST/DECS Regional Offices:

DOST Regional Offices/Provincial Science and Technology Centers

- a. Send out participation forms and screen applicants;
- b. Provide supplies and materials needed as well as snacks/lunch for test correctors/proctors/test administrators during the conduct of the PPO;
- c. Submit to the PPO-NTC the number of participants at the division level;
- d. Take charge of the distribution of test materials to the testing sites;
- e. Take charge of the collection of all test papers and test results from the administrators of the examination in the division level;
- f. Provide Certificate of Appreciation to test administrators, proctors, and host school; and
- g. Perform liaison work with other cooperating agencies.

DECS Regional Offices/Division Offices

- a. Submit the list of official participants to the division stage competition;
- b. Recommend to the PPO-RCC the test administrators, proctors and correctors for the division stage competition;
- c. Provide and prepare testing sites including physical facilities, accommodation, etc. for the division and interregional stages.

Board of Judges

There shall be a Board of Judges for the interregional and national stage competitions. The judges should have the following minimum qualifications:

- a. A college/university professor of physics or an expert in physics from industry;
- b. Not related up to third degree of consanguinity or affinity to any PPO participant; and
- c. Not teaching in any high school which has a PPO participant.

Duties of the Board of Judges in the Interregional and National Stages

1. Corrects the test papers of the contestants; and
2. Determines the winners of the interregional and national stage competitions. The decision of the Board of Judges is final and unappealable.



PPO NATIONAL SECRETARIAT
Science Education Institute
PTRI Bldg., Bicutan, Taguig, Metro Manila

1997-1998 PHILIPPINE PHYSICS OLYMPIAD
Stage Competition

PARTICIPATION FORM (Form 1)

INSTRUCTION : This form must be accomplished and submitted on or before **SEPTEMBER 19, 1997** to the **Office of the Project Director** – PPO 1997-98, National Institute of Physics, UP Diliman, 1101 Quezon City (for NCR applicants) or the **nearest DOST Regional Office** (for provincial applicants). This form maybe reproduced/photocopied for dissemination.

DIVISION : _____
REGION : _____

I. PERSONAL DATA OF APPLICANT

1. Name (in print) _____
(Last) _____ (First) _____ (Middle) _____
2. Citizenship _____
3. Sex _____
4. Birthdate _____
5. Birthplace _____
6. Permanent Home Address _____
Telephone No. _____ ; Fax No. _____
7. Name of High School _____
8. Address of School _____
Telephone No. _____ ; Fax No. _____
9. Schoolyear Level _____
10. Classification of High School (please check)
 Public Private Sectarian
 Science High School Private Non-sectarian
11. Name of Father _____ ; Occupation _____
12. Name of Mother _____ ; Occupation _____
13. Scholastic / Extra Curricular Honors Received:

_____ ; _____
_____ ; _____

I certify that all answers given above are true and correct to the best of my knowledge.

Parent/ Guardian

Signature of Applicant

II. PHYSICS TRAINOR

1. Name (in print) _____
2. Course/s Finished _____
3. School/s Attended _____
4. Number of years of physics teaching experience _____
5. Honors/ Scholarships received _____
6. If non-teaching, present vocation _____
7. Membership in professional organization/s _____

ATTESTED BY:

Printed Name & Signature of School Principal

Signature of Physics Trainor

PPO Form 1.1 CERTIFICATION OF PARTICIPATION

This is to certify that _____
(Name of Participant)
of _____
(Name of School)
is in _____ year level and has a final grade in Mathematics of _____ for the SY 1996-97
and grade in Physics of _____ for the SY 1997-98.

ATTESTED BY:

Printed Name & Signature of School Principal

Signature of Physics Trainer

PPO Form 1.2 CERTIFICATE OF PARENTAL CONSENT

We _____
(Name of Participant's Parents/Guardian)
who are legal parents /guardian of _____
(Name of Participant)
with residence at _____
do hereby certify that we give our full consent for him/her to participate in the **1997-98 PHILIPPINE PHYSICS OLYMPIAD** _____ Stage Competition under the following conditions:

1. Our child be chaperoned/escorted by either the DOST Regional Official, his trainer or a Science Supervisor of DECS.
2. The chaperons will see to the safety, behavior and physical upkeep of our child as far as humanly possible.
3. Considering the above conditions and the benefits that our child will derive from his/her participation in this activity, and realizing that every precaution will be undertaken by the chaperon and your office, we, the undersigned parents/guardian of the above named participant do hereby give our consent for him/her to participate in the **1997-98 PHILIPPINE PHYSICS OLYMPIAD**. We shall bring him/her to the official point of embarkation and back to the residence.

Printed Name & Signature of School Principal

Signature of Physics Trainer

PPO Form 1.3 MEDICAL CERTIFICATE

Date : _____

This is to certify that _____
(Name of Participant)
of _____
(Name and Address of School)
has undergone physical examination and was found to be physically and mentally fit to participate in the _____ Stage Competition of the **1997-98 PHILIPPINE PHYSICS OLYMPIAD**.

REMARKS: _____

Name and Signature of Medical Officer

CERTIFICATE OF PARENTAL CONSENT

We, _____, legal parent/guardian of _____ presently residing at _____ do hereby certify that we give our full support for him/her to participate in the 1997-98 Search for TOYS on _____ under the following conditions:

1. Our child will be chaperoned by the SEI Science Promotion Officer/ Project Adviser or a Science Supervisor of DECS.
2. The chaperone will see to the safety, behavior and physical upkeep of our child as far as humanly possible.
3. Considering the above conditions and the benefits that our child will derive from his/her participation in this activity, and realizing that every precaution will be undertaken by the chaperone/adviser and your office, we, the parents/guardian of the aboved named participant do hereby give our consent for him/her to participate in the 1997-98 Search for TOYS.

Name & Signature of Father

Name & Signature of Mother

MEDICAL CERTIFICATE

Date: _____

This is to certify that _____ of _____ (Name & Address of School) has undergone physical examination and was found to be physically and mentally fit to participate in the _____ (Level) Search for TOYS.

REMARKS:

Examining Physician

License No. _____

1997-98 Search for The Outstanding Youth Science Researchers (TOYS)

APPLICATION FORM

Instruction: To be accomplished in duplicate and must be submitted to the TOYS Coordinator in your region not later than the deadline set. Please print all the information asked except signature.

Region: _____ Level: _____
 Category: _____

1. Name of Project Investigator (for individual project):

2. Name of Project Leader (for group project):

3. Team Members (for group project):

4. Permanent Home Address: _____ Sex : _____
 _____ Birthdate: _____
 _____ Tel. No. : _____

5. Name & Address of School: _____ Year/Grade Level: _____

 _____ Tel. No. _____

6. Title of Investigatory Project: (Please attach copies of project write-up (4-for elem/college; 6-for secondary) typewritten, double spaced, short bond paper).

7. Abstract of Investigatory Project (Pls. use another sheet of paper (1 page only):

8. Name of Project Adviser : _____

a) School Attended (college): _____

b) No. of Teaching Experience: _____

c) No. of Years as Proj. Adviser: _____

 Name & Signature of Project Adviser

NOTED:

 Name & Signature of Principal

 TOYS Coordinator

WHERE TO FILE?

Provincial applicants should file their participation forms at the nearest:

DOST Regional Office or PSTC.

For NCR Applicants:

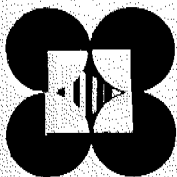
Office of the Project Director
National Institute of Physics
University of the Philippines,
Diliman, 1101 Quezon City

DEADLINE FOR SUBMISSION OF PPO PARTICIPATION FORM

19 SEPTEMBER 1997

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SPONSORS



**Department of Science and Technology -
Science Education Institute
(DOST - SEI)**

Samahang Pisika ng Pilipinas



**Samahang Pisika ng Pilipinas
(SPP)**

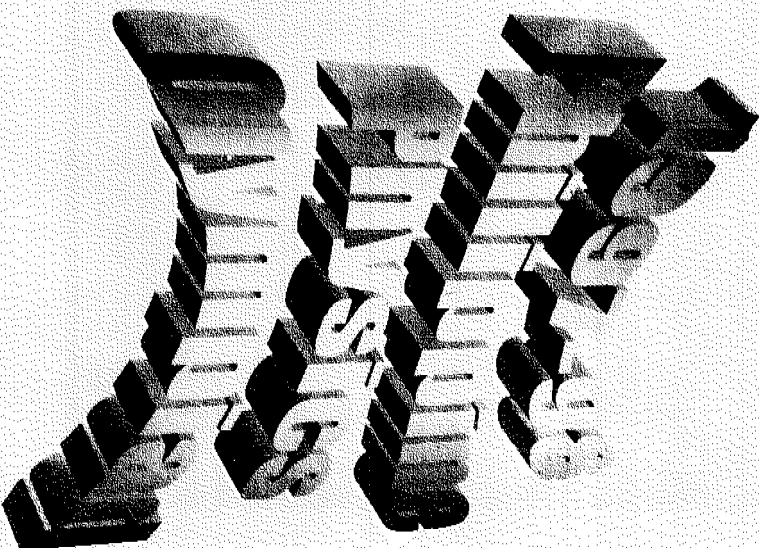
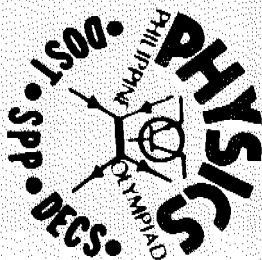


**Department of Education, Culture and Sports
(DECS)**



**Manila Electric Company
(MERALCO)**

ESTER B. OGENA
Director
Department of Science & Technology
Science Education Institute
(DOST-SEI)



**GENERAL GUIDELINES &
SCHEME OF CONDUCT
SY 1997-98**

1	WHAT IS THE PPO?
2	WHAT ARE THE OBJECTIVES?
3	WHO ARE QUALIFIED TO JOIN?
4	HOW AND WHEN IS THE PPO CONDUCTED?
5	HOW ARE THE PARTICIPANTS FOR EACH STAGE OF THE COMPETITION SELECTED?
6	WHAT ARE THE SCOPE AND FORMAT OF THE PPO TESTS?
7	HOW ARE THE WINNERS SELECTED?
8	WHERE TO AVAIL OF THE PARTICIPATION FORM?
9	WHERE TO FILE?
10	DEADLINE FOR SUBMISSION OF PPO PARTICIPATION FORM

1997-1998 Philippine Physics Olympiad
Office of the Project Director
National Institute of Physics, University of the
Philippines, Diliman, 1101 Quezon City
Tel. Nos. : 920-5301 to 309 local 6411
434-4239

Tel./Fax : 920-5474
Email: zeny@nip.upd.edu.ph

WHAT IS THE PPO?

The Philippine Physics Olympiad (PPO) is a nationwide competition in physics among secondary students.

WHAT ARE THE OBJECTIVES?

- To stimulate the improvement of physics education:
 - Provide a measure for the comparative standard of excellence of the best among the Filipino high school students for which self-enrichment effort of students and teachers may be based; and
 - Provide a vehicle for the professional growth of teachers.
- To identify and give recognition to students with exceptional abilities in physics:
 - Provide the opportunity for students interested in physics to meet each other in friendly competition and give them incentives to aim at excellence in physics; and
 - Identify and give recognition to students with exceptional abilities in physics.

WHO ARE QUALIFIED TO JOIN?

The _____ shall be open to students enrolled in public or private Philippine high schools, including those in state colleges and universities. They should have taken or are taking up physics with final report card grade in mathematics during the previous school year of at least 85% or its equivalent, and

at least 80% in physics or its equivalent during the first grading period of the current school year. Students below the fourth year level who are academically prepared in physics may also participate.

Relatives of the members of the National Technical Committee and the Board of Judges of the PPO, up to the third degree of consanguinity, are not allowed to join the competition.

HOW AND WHEN IS THE PPO CONDUCTED?

The Olympiad shall be carried out in three stages:

Divisional Stage:
November 28, 1997

Interregional Stage:
January 20-23, 1998
Individual Competition
Team Competition

National Stage:
March 10-13, 1998
Individual Competition
Team Competition

To coordinate and implement the PPO, the following committees shall be created:

- National Technical Committee (NTC)**, with at most eight (8) members including the Project Director.
- Regional Coordinating Committee (RCC)**, one in each region except the NCR, with at most five (5) members.

HOW ARE THE PARTICIPANTS FOR EACH STAGE OF THE COMPETITION SELECTED?

Division Stage

All participants must enter the Physics Olympiad at the Division Stage, i.e., if a student did not take the Division Stage test, he/she cannot join at any other stage.

Schools shall be encouraged to send at least three (3) participants so that they can comprise a school team at the later stages of the olympiad. A school shall not send more than eight (8) contestants.

Likewise, participants of the PPO shall be given priority in the intensive training for the Philippine participation in the International Physics Olympiad (IPhO).

Interregional Stage

The regions, except the NCR, will be grouped into three (3) clusters for the Interregional Stage Competition to generate stronger competitive spirit among the regions outside the NCR.

- Cluster 1 - Regions I, II, III, IV, and CAR
- Cluster 2 - Regions V, VI, VII and VIII
- Cluster 3 - Regions IX, X, CARAGA, XI, XII and ARMM
- Cluster 4 - National Capital Region

The procedure for identifying the contestants in this stage shall be as follows:

- **Individual Competition**

After the division stage, all the contestants in each region shall be ranked according to their scores. The top two (2) individuals in each region plus the next top individuals from among

the rest in the ranking, to complete a list of fourteen (14) contestants in each cluster except cluster 4, shall be qualified for the individual competition.

- **Team Competition**

After the divisional stage, the teams in each region shall be ranked according to the total scores of the top three (3) members in each school team. The top two (2) teams in each region plus the top teams from among the rest in the rankings, to complete a list of twelve (12) teams for each cluster, shall be the contestants in the interregional stage team competition.

- **NCR**

After the divisional stage, the individuals shall be ranked according to their scores. The top twelve (12) individuals from among the twelve (12) divisions shall be qualified for the Interregional Stage Competition. The school teams shall also be ranked according to the total scores of the top three (3) members of each school team. The top school team in each division plus the next top two (2) teams from among the rest of the ranking in the NCR shall be qualified for team competition at this level. There shall be fourteen (14) teams competing at the NCR for the interregional level.

National Stage

- **Individual Competition**

After the interregional stage, all the contestants, including those from the NCR shall be ranked according to their scores. Sixteen (16) individuals, consisting of the top two (2) individuals in each cluster plus the next top eight (8) individuals from the rest of the rankings shall participate in the national stage individual competition.

- **Team Competition**

After the interregional stage, all the teams including those from the NCR shall be ranked according to their scores. The top team from each cluster plus the next top eight (8) teams from the rest of the rankings shall be the contestants in the national stage team competition. Altogether, there shall be twelve (12) school teams to compete during the national stage team competition.

WHAT ARE THE SCOPE AND FORMAT OF THE PPO TESTS?

Division Stage

The test shall consist of multiple-choice items which should be easily and quickly marked so that the scores can be immediately obtained. It will cover mechanics, heat, electricity and magnetism.

Interregional and National Stages

The topics to be covered shall include the entire secondary physics curriculum.

The individual competition shall consist of two sets of open-ended problems: one set of theoretical or phenomenological problems, and another set of experimental or practical problems.

The team competition may be conducted as a live show open to the public. Problems shall be answerable in a short period of time. The live show format will enable teachers and students in the audience to participate by reacting to and actually solving the problems.

The test-framing group shall be created by the National Technical Committee to prepare a database of questions and problems with answers

and solutions for use at the different levels of the PPO. ~~This group shall also decide on the seating system of the problems and tests.~~ The National Technical Committee and the test-framing group shall be responsible for the security and safety of the test bank.

HOW ARE THE WINNERS SELECTED?

At the division stage, each correct answer is rated one point. Scores shall be the total points earned. All contestants who obtain scores of 50% of the perfect score or better shall be awarded Certificates of Merit.

For the individual competition at the interregional and national stages, scoring shall be predetermined.

For the team competition at the interregional and national stages, answers shall be judged as correct or incorrect; no points shall be earned for partially correct answers.

WHAT PRIZES AWAIT THE WINNERS?

Individual Awards:

- Trophies and cash prizes for the 1st, 2nd and 3rd place winners (*major awards*)
- Cash prizes for the most creative solution (*special awards*)
- Cash prizes for students who will receive a perfect score in at least one problem (*honorable mention awards for students who are not the top three winners*)
- Plaques for the coaches and the schools of the winners
- Cash prizes for coaches (*national stage*)

Team Awards:

- Medals and cash prizes for the 1st, 2nd, and 3rd place team winners (*major awards*)
- Plaques for the coaches and the schools of the winning teams
- Cash prizes for the coaches (*national stage*)

Other awards may be decided later.

WHERE TO AVAIL OF THE PARTICIPATION FORM?

PPO participation forms are available at the following offices:

The Chief

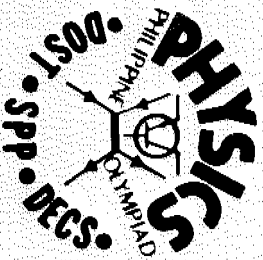
Scholarship and Training Division
Science Education Institute (SEI)
PTRI Bldg., Bicutan, Taguig, Metro Manila
Tel: 837-1333; Fax: 837-1924
Email: ecr@stednet1.sei.dost.gov.ph

The Project Director

Philippine Physics Olympiad 1997-1998
c/o Samahang Pisika ng Pilipinas
National Institute of Physics (NIP)
UP Diliman, 1101 Quezon City
Tel. Nos : 434-4239/ 9205301-309 local 6431
Telefax : 920-5474
E-mail: zeny@nip.upd.edu.ph

DOST

Regional Offices / Provincial Science and Technology Centers (PSTCs)



FOR MORE INFORMATION
PLEASE WRITE OR CALL:

1997-1998 Philippine Physics Olympiad

Office of the Project Director
National Institute of Physics, University of the
Philippines, Diliman, 1101 Quezon City
Tel. Nos : 434-4239/ 9205301-309 local 6431
Tel./Fax : 9205474

Email: zeny@nip.upd.edu.ph

ACTIVITY REPORT

Gawad AGKATEK Form 4

Name/Address of Science Club _____

Name of School _____

Total Number of Students _____

Total Number of Science Club Members (SCM) _____

Total Number of Science Club Advisers (SCA): _____

• Please list *all* science club projects/activities undertaken not earlier than 1 July 1994 but not later than 1 July 1997. Provide all other information asked for. If not applicable, write N.A.

NAME OF PROJECT/ACTIVITY	DURATION/DATE	SCAM/SCA INVOLVEMENT		MULTISECTORAL SUPPORT			Overall Impact to the Community
		Number	Impact	Sector Involved	Nature/Extent of Involvement	Impact	

Gawad AGKATEK Form 5

PROJECT REPORT

I. Title: _____

II. Site: _____

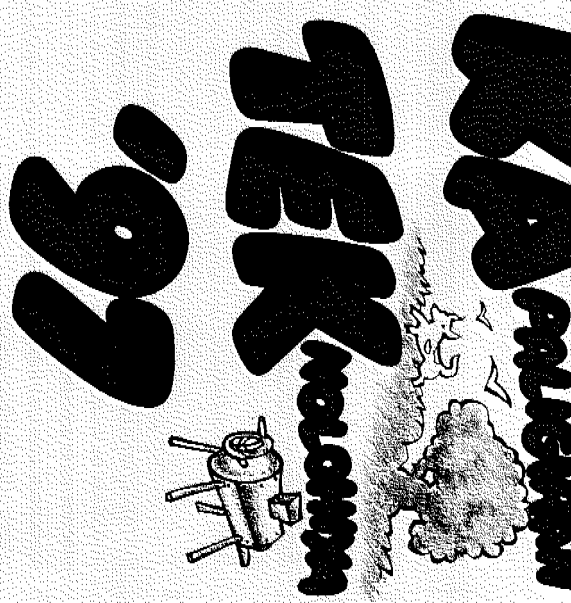
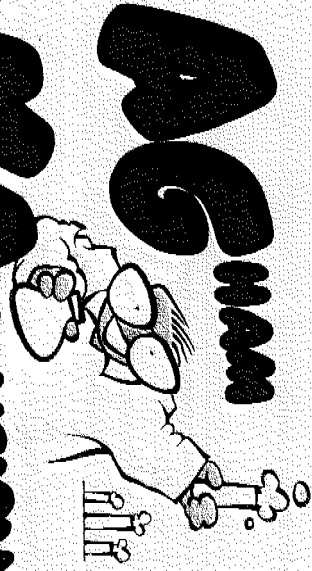
III. Duration: _____

IV. Brief Description: _____

(Please use short bond paper for the succeeding information)

- V. Background/Rationale
- VI. Objectives
- VII. Process/Procedure/Activities
- VIII. Contribution/Impact to the Community
- IX. Cooperators & Their Roles in the Project Implementation
- X. Project Cost & Funding Source/s
- XI. Captioned Photos or Video

PRUDENTIAL LIFE-DOST-SEI



Theme : The Youth Towards Global Competitiveness



The 4th GAWAD AGKATEK is a national search for outstanding science clubs with noteworthy community-based projects and activities and achievements in Science (AGCham), Environment (KApaligiran), and Technology (TEKnolohiya).

CATEGORIES

There are two awards:

1. Outstanding Science Club Award shall recognize science clubs/ organizations which have performed excellently in the promotion of public understanding of Science, Technology and Environment (STE). There will be separate categories for the elementary and secondary science clubs.
2. Special Award for Outstanding Project seeks to recognize outstanding community-based projects undertaken by science clubs which are sustainable, environment-friendly and which have meaningful impact to the community.

CONTEST RULES AND REGULATION

1. Functional and active science clubs in both elementary and secondary grades from private and public schools which have ongoing projects/activities geared towards Science (AGCham), Environment (KApaligiran), and Technology (TEKnolohiya) are eligible for nomination to the search. These science clubs have to be in-school.
- > Each science club must have at least 30 members, all of them currently enrolled, whose ages fall between 9 to 21 years old and must be nominated by either the school principal or science club adviser.
- > In-school science club is encouraged to involve out-of-school youth club in the project.

2. A nominated science club must have ongoing AGKATEK project/s which addresses a need or needs of the community (whether school, purok, barangay, town or city), is environment-friendly and has a meaningful impact to the concerned community. It must have conducted relevant, innovative, and well-organized activities in science, environment, technology, mathematics and/or health which have enhanced the members' development.

of scientific skills and fostered the development of scientific culture in the school, home and/or outside community.

3. A science club, submit its best ongoing AGKATEK project as entry for the Special Award. The entry project must have been started not earlier than 1 June 1994 but not later than 1 July 1997. It must be sustainable, environment-friendly, innovative and, preferably a product of investigative study or research. The project must be geared towards any or a combination of the following:
 - Preservation/Protection of the Environment (Projects other than the small scale, backyard tree planting)
 - Application/Transfer of Appropriate Technology (Projects other than the usual food technologies or home economics type of technology)
 - Advocacy of AGKATEK Agenda in the Community
 - Social Mobilization for AGKATEK
 - Development of Scientific Awareness/Culture.

4. All qualified science club may participate in this year's search. Projects that received National Awards in the 1994, 1995 and 1996 Gawad AGKATEK are however, disqualified from being considered in the Special Award.

5. The Special Award of Sustainability shall be awarded to previous AGKATEK project winner which has been well-sustained through the years. Starting 1997, this shall be awarded every four years.

6. Fill out the search nomination form (Form 1) available at:

- > Gawad AGKATEK National Secretariat
Scholarship and Training Division
Science Education Institute
PTR1 Bldg., Bicutan, Taguig, M.M.
Tel. Nos. (02) 837-1333, (02) 837-2071 to 82 local (2382)
Fax No. (02) 837-1924
- > DOST Regional and Provincial Offices
- > DECS Regional and Division Offices
- > Prudential Branches
- > Diwa Learning Systems Distributors and Dealers
- > Rotary Club of Parañaque South
- > Philippine Information Agency Offices

7. Submit the following requirements (6 clear copies) on or before 7 November 1997 either directly to the DOST Regional Office or through the Division Science Supervisor. All the copies must be duly authenticated by the latter.

Outstanding Science Club Award

- > Search Nomination Form (Form 1)
- > Masterlist of Members/ Advisers (Form 2)
- > Certification of Authenticity of Projects/Activities Undertaken (Form 3)
- > Activity Report (Form 4)
- > Original photographs with legibly-written captions indicating date, persons involved and nature of project/activity.

Special Award for Outstanding Project

- > Same Requirement as mentioned above except Form 4
- > Project Report (Form 5) typewritten in short bond paper

All documents submitted to the organizers will not be returned and shall become the property of the NSCM organizers.

The deadline for submission of qualified entries are as follows:

Level	Deadline Date	To be submitted to:
Regional	7 November 1997	National Secretariat (for NCR)
National	7 January 1998	DOST Regional Office (for others) National Secretariat

MECHANICS OF SELECTION

There are two levels of selection - regional and national. At each level, judging are of two phases - Document Evaluation Phase (Phase 1) and Surprise On-Site Evaluation and Interview Phase (Phase 2). The following number of finalists and awardees are selected at each level, and phase.

Level	Phase 1	Phase 2	Entries to next level
Regional	10 Finalists	3 Winners	Top 2 Winners
National	5 Finalists	3 Winners	

At any level, should the judges find the documented claim inconsistent with the result of the on-site evaluation, the Board of Judges (BOJ) has the right to disqualify the science club and/or project from the competition this year and succeeding two years. *Likewise, the BOJ may declare less than the specified number of finalist and/or awardee at any level as deemed appropriate.* Its decision is final and non-contestable.

CRITERIA FOR JUDGING

OUTSTANDING SCIENCE CLUB

1. MAJOR PROJECTS 40%
- > Impact to the community 40 points
 - > Sustainability 30 points
 - > Innovativeness/Creativity 30 points

2. STE ACTIVITIES CONDUCTED 25%

- > Participation of Members 25 points
- > Impact to the Members 25 points
- > Scientific Awareness 25 points
- > Teamwork 25 points

3. IMPACT/BENEFITS DERIVED 15%

4. MULTI-SECTORAL SUPPORT 10%

- > School Population/Administration 25 points
- > Parish/Barangay/Municipal 25 points
- > NGO's/Private Sector 25 points
- > Grassroots (farmers, fisherfolks) 25 points

5. MEMBERSHIP 10%

OUTSTANDING PROJECT

To be considered for the Special Award for Outstanding Projects, all nominated projects shall be evaluated using the criteria indicated under Major Projects.

AWARDS AND PRIZES

OUTSTANDING SCIENCE CLUB

Regional Level

Elementary

Finalists Certificate of Recognition

- 1st Place P3,000 & Plaque for SC
P2,000 & Plaque for SCA
Banner & Science
Compilation for School

Secondary

Certificate of Recognition

- 1st Place P4,000 & Plaque for SC
P2,000 & Plaque for SCA
Banner & Science
Compilation for School

- 2nd Place P2,000 & Plaque for SC
P1,000 & Plaque for SCA
Banner & Science
Compilation for School

- 3rd Place P1,000 & Plaque for SC
P500 & Plaque for SCA
Banner & Science
Compilation for School

- 4th Place P1,000 & Plaque for SC
P500 & Plaque for SCA
Banner & Science
Compilation for School

National Level

Finalists Banner for Recognition

Banner for Recognition

- 1st Place P20,000 & Trophy for SC
P 5,000 & Trophy for SCA
4-Year College Education
Plan for an SCM¹
Plaque & Science
Compilation for School

- 1st Place P30,000 & Trophy for SC
P 5,000 & Trophy for SCA
4-Year College Education
Plan for an SCM¹
Plaque & Science
Compilation for School

- 2nd Place P15,000 & Trophy for SC
P 3,000 & Trophy for SCA
Plaque & Science
Compilation for School

- 3rd Place P10,000 & Trophy for SC
P 2,000 & Trophy for SCA
Plaque & Science
Compilation for School

- 4th Place P10,000 & Trophy for SC
P 2,000 & Trophy for SCA
Plaque & Science
Compilation for School

- 5th Place P10,000 & Trophy for SC
P 2,000 & Trophy for SCA
Plaque & Science
Compilation for School

OUTSTANDING PROJECT

Regional Level

- P5,000 & Plaque for SC
P3,000 & Plaque for SCA
Banner for School

National Level

- 1st Place P20,000 & Trophy for SC
P 5,000 & Plaque for SCA
Plaque for School
Plaque for Main Cooperator

2nd Place

- P15,000 & Trophy for SC
P 3,000 & Plaque for SCA
Plaque for School
Plaque for Main Cooperator

3rd Place

- P10,000 & Trophy for SC
P 2,000 & Plaque for SCA
Plaque for School
Plaque for Main Cooperator

National level awardees are provided free round-trip economy airfare to and from place of origin and awarding venue, board and lodging during the National Awarding Ceremonies on March 1998.

A JOINT PROJECT OF

- Science Education Institute/
Department of Science and Technology
PrudentiaLife Group of Companies

WITH THE COOPERATION OF

- Bato Balani Foundation Inc.
- Rotary Club of Paranaque South
- Department of Education, Culture and Sports
- DOST Regional and Provincial Offices
- Office of Congressman Ramon S. Bagatsing, Jr.
- Philippine Society of Youth Science Clubs
- Science Club Adviser Association of the Philippines
- Philippine Association of Science and Mathematics Supervisors
- Philippine Information Agency

¹ Science Club - Science Club Adviser
² Science Club Member - The recipient - Science Club Member shall be recommended
by the school, give pass on printable form and interview and take a S&T course.

Gawad AGKATEK form 1 Code No. _____

National Science Club Month
Gawad AGKATEK

NOMINATION FORM

Name of Science Club (SC): _____
Address and Phone/Fax Number: _____

Total Number of SC Members: _____

Elementary Secondary

Name of School: _____

Our entry is for the:

Science Club Award Special Award for
Outstanding Project

Submitted By: _____ Noted by: _____

Printed Name & Signature of Science Club President _____
Printed Name & Signature of Science Club Adviser _____

Nominated by: _____

Printed Name and Signature of Principal of School or Head of Endorsing Group _____

Gawad AGKATEK Form 2

MASTERLIST OF SCIENCE CLUB MEMBERS

Officers: _____

Members: _____

Adviser(s): _____

Certified by: _____

Printed Name and Signature _____

Designation _____

School/Office, Organization _____

Gawad Agkatek Form 3

CERTIFICATION

This is to certify that _____
(Name of Science Club)
of _____
(Address)

has truly undertaken projects and/or activities described in Form _____

This certification is issued in connection with the participation of the _____ in the Gawad AGKATEK.
(Name of Science Club)

CERTIFIED TRUE AND CORRECT

Printed Name & Signature of Community Leader _____
Printed Name & Signature of Community Leader _____

Designation _____

Designation _____

Date Signed _____

Date Signed _____