

Republika ng Pilipinas
(Republic of the Philippines)
MINISTRI NG EDUKASYON AT KULTURA
(MINISTRY OF EDUCATION AND CULTURE)
Maynila

January 28, 1981

MEC M E M O R A N D U M
No. 22, s. 1981

CONTEST ON THE SEARCH FOR TEXTILE
FIBER-PRODUCING PLANTS

To: Bureau Directors
Regional Directors
Schools Superintendents
Heads of Private Schools, Colleges and Universities
Vocational School Superintendents/Administrators

1. In support of the government thrust of using local indigenous materials as a means to make the country self-sufficient, the Philippine Textile Research Institute, an agency of the National Science Development Board, together with the Science Club Advisers Association of the Philippines, a non-stock, non-profit science teachers' organization, is conducting a contest to promote student participation in a countrywide search for unknown fiber-producing plants which are potential sources of materials for textile.
2. The goal of this project is the utilization of indigenous materials abundant in the country for textile production, eventually contributing to making the Filipinos self-sufficient in raw materials for textile purposes in the midst of the oil crisis.
3. In view of the significance of the project in terms of enriching the experiences of research inclined students, and of enhancing the socioeconomic development of the country, this Office enjoins school heads to encourage their science club advisers and students to participate in this worthy activity. The contest is open to all students in the secondary level who are members of the Philippine Society of Youth Science Club (PSYSC), Inc. Inclosed are the guidelines which must be followed as closely as possible.
4. Each preliminary entry which is in the form of a research proposal should be approved by the science club adviser whose signature appears in an accompanying entry

form, and noted by the principal. A PSYSC ID Card and a copy of the certification of affiliation of science club advisers signed by the regional president should accompany the entry.

5. Entries in duplicate should be sent on or before March 31, 1981 to the following address:

The Science Club Adviser Association
of the Philippines (SCAAP)
c/o Philippine Textile Research Institute
Science Club Advisers Association
of the Philippine Project "Search
for Unknown Textile Fibers"
PTRI Bldg., Bicutan, Taguig, Metro Manila

6. It is desired that this Memorandum be given wide publicity, particularly in the secondary schools, public and private.

(SGD.) HERMENEGILDO C. Dumlao
Acting Minister of Education and Culture

Incls.:

As stated

Reference:

N o n e

Allotment: 1-2-3-4--(D.O. 1-76)

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

BUREAU & OFFICES
COUNCIL
Course of Study, SECONDARY
RESEARCH or STATISTIC
SCIENCE EDUCATION
SOCIETY or ASSOCIATIONS
STUDENTS

GUIDELINES FOR THE PTRI-SCAAP PROJECT
"SEARCH FOR UNKNOWN TEXTILE FIBERS"

The Philippine Textile Research Institute, an agency of the National Science Development Board, is tapping the science conscious youths of the land to participate in its research activities. One of these research undertakings is the search of unknown fiber producing plants which are potential sources of raw materials for textile. The purpose of this project is to utilize indigenous materials which are abundant in the country which will eventually contribute to making the filipinos self-sufficient in raw materials for textile purposes in the midst of the oil crisis.

1. Participation:

This contest is open to all students in the secondary level who are members of the Philippine Society of Youth Science Clubs (PSYSC)

2. Requirements:

a. All preliminary entries in the form of research proposals must be submitted to the Science Club Advisers Association of the Philippines (SCAAP) in duplicate on or before March 31, 1981 addressed to

Philippine Textile Research Institute-
Science Club Advisers Association of the Philippines Project
"Search for Unknown Textile Fibers"
PTRI Building, Bicutan, Taguig, Metro Mla.

b. All research proposals should be approved by the science club club adviser whose signature should appear in the accompanying entry form, noted by the principal, together with a PSYSC ID card and a copy of the certification of science club adviser signed by the regional president.

3. Screening of Entries:

a. The screening of entries will be done on the following inclusive dates:

a.1. Preliminary screening - April - May 1981

This will be based on the technical feasibility of the project proposal such as method of fiber extraction to be used and availability of raw materials in the locality.

a.2. Submission of final entries - September 15, 1981

This will be based on the feasibility of the project proposal and the monthly progress report.

a.3. Final Screening - September 16 - November 1981

4. Criteria for the final screening:

a. Tensile strength - the maximum tensile stress expressed in force per unit cross-sectional area of the unstrained specimen, usually in kilogram per square millimeter or pounds per square inch shown by a specimen subjected to tension as distinct from torsion, compression or shear.

b. Denier - the measure of the fineness or size of a yarn expressed either as "mass per unit length" or "length per unit mass", depending upon the yarn numbering system.

c. Residual Gum Content - the amount of gums in the extracted fibers

d. Percentage Fiber Recovery - the ratio of weight of fibers extracted to total weight of material.

e. Availability of Materials

f. Method of Fiber Extraction

PTRI-SCAAP PROJECT
"SEARCH FOR UNKNOWN TEXTILE FIBERS"

ENTRY FORM

Name of Participant: _____
(please print) Surname First Name Middle Name

Complete Mailing Address: _____

Telephone, if any - Home _____ School _____

Complete Name of Science Club: _____

Name of Science Club Adviser: _____

School and Address: _____

Signature of Participant

Certified true and correct:

Name and signature of Science Club Adviser

Name and Signature of Principal

PTRI-SCAAP PROJECT
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ENTRY FORM

Name of Participant: _____
(please print) Surname First Name Middle Name

Complete Mailing Address: _____

Telephone, if any - Home _____ School _____

Complete Name of Science Club: _____

Name of Science Club Adviser: _____

School and Address: _____

g. General Presentation

5. Awards:

a. Winning projects shall receive the following prizes:

First Prize

Project Investigator - P5000. and trophy
Project Adviser - 1000. and plaque

Second Prize

Project Investigator - P3000. and trophy
Project Adviser - 750. and plaque

Third Prize

Project Investigator - P1000. and trophy
Project Adviser - 500. and plaque

Consolation prizes to all finalists

6. Fiber producing plants to be selected shall have no published data on research already undertaken related to textile.