



AUG 26 2010

DepEd MEMORANDUM
No. **372**, s. 2010

**FIRST NATIONAL SEARCH FOR YOUNG INNOVATORS AND RESEARCHERS
ON BIOTECHNOLOGY**

To: Regional Directors
Schools Division/City Superintendents
Heads, Public Secondary Schools
All Others Concerned

1. Being one of the seven (7) member-agencies of the Inter-agency Committee on Biotechnology per Presidential Proclamation No. 1414, this Department will sponsor the **First National Search for Young Innovators and Researchers on Biotechnology** as its major contribution for the celebration of the 2010 Biotechnology Week with the theme, "*Bioteknolohiya para sa Kalikasan, Kalusugan, Kagandahan, Kabuhayan at Kaunlaran, OK ang 5K sa Biotech: Pagyamanin, Ito ay Atin!*" on November 21-26, 2010 at the SM Mall of Asia, Pasay City.
2. Biotechnology as a course in the 3rd year Science curriculum aims to make the students aware of the goals and processes in using organism for practical purposes as well as the ethical moral issues attendant to it. Moreover, the objectives of the search are to:
 - a. discover young biotech innovators and researchers;
 - b. encourage the young biotech innovators and researchers develop their talents and skills in support of the quest for agriculture productivity;
 - c. grant incentives to both winners and coaches after a fair judgment; and
 - d. display/exhibit the winning entries during the Biotechnology Week.
3. The search is open to all 3rd and 4th year secondary students of the following public school type:
 - a. Regional Science High Schools;
 - b. Science Oriented High Schools; and
 - c. Technical-Vocational (Tech-Voc) High Schools (Agri and Fishery).
4. The Search Mechanics and Guidelines are found in Enclosure No. 1.
5. The Science department head in every school is encouraged to motivate and nominate potential students to join the search. The official entry forms (innovator and researcher) are enclosed as Enclosure No. 2. It must be duly filled up and endorsed by the School Principal for the Regional Search, and by the Regional Director for the National Search.

6. Posters announcing the search shall be prepared by the schools science clubs and shall be displayed in strategic locations. This activity is in addition to the direct campaign of teachers handling research and investigatory projects.

7. Travel expenses to be incurred by the contestants and official coaches in submitting the entries to the DepEd Regional Offices shall be charged to the schools' local fund. Travel expenses of the seventeen (17) regional winners to the DepEd Central Office shall be charged to regional local funds. Board and lodging to be incurred by the winners (first, second and third prize winners) and coaches during the week-long celebration including their transportation to and from the Central Office shall be charged to the DepEd OSEC funds. The allocation of the said funds is subject to the availability and to the usual standard of accounting and auditing rules and regulations.

8. For further inquiry, please contact the Office of the Assistant Secretary and Chief of Staff, Office of the Secretary at telephone nos.: (02) 631-5057 and (02) 637-9814 or e-mail at depedbiotech10@yahoo.com.

9. Immediate and wide dissemination of this Memorandum is desired.


BR. ARMIN A. LUISTRO FSC
Secretary

Encls.:
As stated

Reference:
None

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

CELEBRATIONS & FESTIVALS
SCHOOLS
SEARCH
STUDENTS

SMA, DM First Nat'l. Search for Young Innovators
August 23, 2010

CONTEST GUIDELINES AND MECHANICS
for the First National Search for Young Innovators and
Researchers on Biotechnology

1. Who may join?

- a. The contest is open to all 3rd year and 4th year students of the following public secondary schools nationwide:
 - o 17 Regional Science High Schools
 - o Science Oriented High Schools
 - o Agricultural Schools under Tech-Voc Task Force
 - o Fishery Schools under Tech-Voc Task Force
 - o Other Science High Schools supported/operated by the local government (cities and municipalities)

2. Screening, Selection and Submission

- a. Each region shall have only one (1) entry as regional finalist. The Regional Science Supervisor, the Regional Tech-Voc Coordinator and the DOST-SEI Regional head shall compose the screening and preliminary judging of entries submitted by the schools. The committee shall follow the criteria set forth in this mechanics
- b. The finalist shall be sent to the DepEd Central Office duly endorsed by the SED Chief and the Regional Director.
- c. A final defense shall be conducted following the schedule contained in this mechanics.

3. Intent to Join

- A filled up entry form shall be sent to the:
 - Regional Screening Committee c/o ES II, Science Supervisor duly certified and endorsed by the school head**Note:** Entry form is attached in the Memorandum

4. Format of entries and interpretation

- a. Contestant must come up with an innovation and/or a research that will reflect the application and benefits of Biotechnology, highlighting the theme ***“Bioteknolohiya para sa Kalikasan, Kalusugan, Kagandahan, Kabuhayan at Kaunlaran”***.
- b. Entries for Team Research must not have been submitted in any other contest. It must follow the research format and procedures commonly used. A Research Abstract is a MUST
- c. The team shall be composed of a minimum of 3 members and a maximum of 5 members.

- d. For the innovations, all investigatory projects that can be aligned to biotechnology depicting the theme shall be accepted. A write up on the innovative work MUST accompany the entries.

5. Criteria for judging

➤ Innovation

- Interpretation and Relevance to Biotechnology - 40%
- Oral Presentation - 20%
- Innovativeness - 40%

100%

➤ Research

- Relevance to the theme - 40%
- Presentation/Defense - 20%
- Originality, Creativity, Usability - 40%

100%

- Ranking System shall be followed
- The decision of the Board of Judges shall be final

6. Timetable

Launching/Issuance of Memo	August 20, 2010
Contest proper	September 1 – November 5, 2010
Submission of entries in the Region	November 10, 2010
Submission of the 17 Finalist in the C.O.	November 19, 2010
National Defense of the 17 finalists to select the top 3 winners per category	November 20, 2010
Final Judging of the Top 3 winners	November 22, 2010
Awarding of Prizes	November 26, 2010

7. Prizes and Incentives

a. Innovation

- First Place - P50,000 Cash, Trophy and Plaque
- Second Place - P25,000 Cash, Trophy and Plaque
- Third Place - P15,000 Cash, Trophy and Plaque

b. Research

- First - P100,000.00
- Second - P 75,000.00
- Third - P 50,000.00

- c. Official Coaches of the Winners shall receive Plaques of Recognition

- d. All the 17 Finalists shall receive Certificates of Appreciation
- e. The winning entries shall be exhibited during the Biotech Week-long celebration on November 21-26, 2010 at SM Mall of Asia.
- f. The winning entries shall become the property of the National Biotechnology Week Inter-agency Committee and the DepEd who shall have the sole right for its use and purpose.

8. Composition of the Board of Judges

Chairman: - Representative from the Science Education Initiative (SEI), Department of Science and Technology (DOST)

Members: Representatives from the

1. Department of the Interior and Local Government (DILG)
2. Philippine Information Agency (PIA)
3. University of the Philippines Los Baños (UPLB)
4. Department of Health (DOH)

Prepared by:

Representatives from the

1. Department of the Interior and Local Government (DILG)
2. Department of Education (DepEd)
3. Department of Health (DOH)
4. Department of Science and Technology (DOST)
5. Technical Working Group of National Biotechnology Week (TWG-NBW)

2010 NATIONAL BIOTECHNOLOGY WEEK

**First National Search for Young Innovators
and Researchers on Biotechnology**

**OFFICIAL ENTRY FORM
(Innovator)**

Name of School: _____ Division: _____ Region: _____
Type of School: _____
Address: _____
Name of Innovator: _____ Year Level: _____
Title of Project: _____
Date Started: _____
Brief Description: _____

Attested:

Class Adviser

Approved:

Principal/School Head

2010 NATIONAL BIOTECHNOLOGY WEEK

**First National Search for Young Innovators
and Researchers on Biotechnology**

**OFFICIAL ENTRY FORM
(Innovator)**

Name of School: _____ Division: _____ Region: _____
Type of School: _____
Address of School: _____

Name of Researchers	Year Level	Signature

Title of Research: _____
Date Started: _____
Brief Description: _____

Attested:

Class Adviser

Approved: