



Republic of the Philippines
Department of Education
Region VII, Central Visayas
DIVISION OF CEBU PROVINCE
Sudlon, Lahug, Cebu City



January 6, 2016

Division Memorandum
No. 009, s.2016

SCIENCE ON THE MOVE

To: Assistant Superintendents
Education Supervisors/ Coordinators
District Supervisors/OICs
Secondary School Heads

1. Attached is Regional Memorandum No.0755 ,s.2015,dated December 28, 2015, entitled , “ Science On The Move .”
2. Immediate dissemination of this Memorandum is desired .

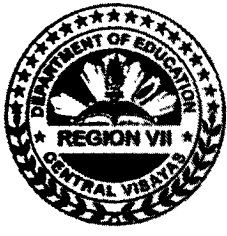

RHEA MAR A. ANGTUD, Ed.D., CESO VI
Schools Division Superintendent 

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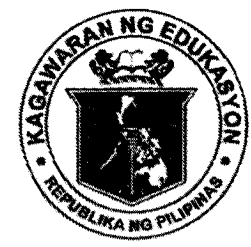
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Dr. Mombis

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REPUBLIKA NG PILIPINAS
REPUBLIC OF THE PHILIPPINES
KAGAWARAN NG EDUKASYON
DEPARTMENT OF EDUCATION
REHIYON VII, GITNANG VISAYAS
REGION VII, CENTRAL VISAYAS
Sudlon, Lahug, Cebu City



DEC 28 2015

REGIONAL MEMORANDUM
No. 0755, s. 2015

SCIENCE ON THE MOVE

To: Schools Division Superintendents

1. Attached is a communication from Catherine M. Rodel, University of the Philippines-Cebu High School Principal, inviting students to participate and experience the Science on the Move (SOM) organized by the Philippine Science Centrum from January 11 to February 12, 2016 at the University of the Philippines-Cebu.
2. For details, please refer to the attached communication or contact the University of the Philippines-Cebu High School Principal through numbers (032) 505-1823 or 09176217707.
3. The Schools Division Superintendents are given the discretion to act on this request and ensure that DepEd Policies and Guidelines are followed.
4. For information and guidance of all concerned.

Juliet A. Jeruta
JULIET A. JERUTA
Director III
Officer-in-Charge

JAW/EGEJ/oba
CLMD/15

Office of the Director (ORDiv), Tel. Nos.: (032) 231-1433; 231-1309; 414-7399; 414-7325; Office of the Assistant Director, Tel. No.: (032) 255-4542
Field Technical Assistance Division (FTAD), Tel. Nos.: (032) 414-7324 Curriculum Learning Management Division (CLMD), Tel. Nos.: (032) 414-7323
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"EQA 2015: Karapatan ng Lahat, Pananagutan ng Lahat"



UNIVERSITY OF THE PHILIPPINES CEBU
Lahug, Cebu City



Department of Education
Region VII, Central Visayas



RD2015-9266

09-Nov-15

9 November 2015

DR. JULIETA A. JERUTA
Officer In-Charge, Region VII
Dept. of education, Sudlon, Lahug
Cebu City

Dear DR. Jeruta:

University of the Philippines Cebu will be hosting "Science on the Move" on January 11 to February 12, 2016. This is their 7th year of holding the exhibit in Cebu City.

Anchored on the DepEd's Basic Education Curriculum, the Philippine Science Centrum and its travelling component, the **Adventures in Discovery (AID-TSC)**, **Sci-Fun Caravan (SFC-TSC)**, **Science on the Move (SOM)**, **Science Works (SW)**, the **Science Sparks (SS)** and **Health Science on the Go (HSOG)** feature interactive exhibits that enhance learning of basic science concepts and processes which are effective tools in rediscovering science in its essence. Through its travelling exhibits, the Science Centrum has reached communities that would not have benefited from its permanent exhibits in its Science center/Museums in Metro Manila because of its distance and cost constraints.

Along this line, UP Cebu would like to request from your good office to invite schools in the region to experience this face to face educational yet exciting and stimulating learning facility. Such facility allows S & T discovery, interaction, and manipulation of interactive exhibits in the atmosphere of fun, excitement, and entertainment. Our aim is to excite young minds to learn more about science and appreciate how it works in order to improve the quality of life.

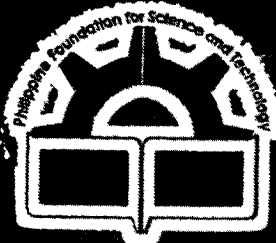
Furthermore, the organizer from Manila would like to meet with you or any representative from your office on **12 November 2015 (Thursday) @ 2:30 in the afternoon** to discuss details about the exhibit. The meeting will be at UP Cebu TBI office 3rd floor Arts and Humanities building.

Hoping for a positive response regarding this matter. You can reach me @ (032)505-1823 or 0917-6217707 for clarifications.

Thank you very much.

Very truly yours:


CATHERINE M. RODEL
UP High School Principal



VISION

A nation of science- culture and productive citizenry.

MISSION

Develop a critical mass of young people interested in the value of science for their future

OBJECTIVES

To promote S&T appreciation and consciousness;

To develop and fabricate interactive exhibits;

To implement educational and outreach programs/trainings;

To conduct studies in the field of S&T promotion;

To address key issues in S&T affecting our country; and

To become a conduit in the exchange of S&T information

CONTACT US

Philippine Science Centrum
E-voom Bldg., Riverbanks
Development Center

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Marikina City

Tel. Nos. 042-4197
042-5198

Telefax: 042-5001

Email address:
pfst@science-centrum.ph

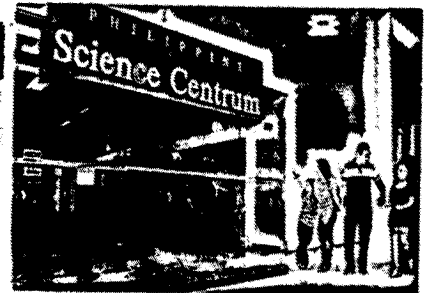
Website: www. pfst.org.ph

May M. Paginsulin
Executive Director

PHILIPPINE FOUNDATION FOR SCIENCE AND TECHNOLOGY

BRIEF BACKGROUND

In 1984, the Philippine Foundation for Science and Technology was established by a group of private individuals as a response to the government's call for private sector support in the task of creating an environment of Science conscious and literate populace, especially among the youth sector. The Department of Science and Technology has accorded two recognitions to PFST: as an Outstanding S&T Foundation in 1997 and as the 1st GAWAD LIDER Awardee for Exemplary Leadership- Institution Category in 2007. In 2012, the Association of Science and Technology Centers based in Washington DC accorded the Roy Shafer Award to the Philippine Science Centrum as an Outstanding Science Center outside of the United States. The Department of Education recognizes the effectiveness of PFST's Philippine Science Centrum by issuing annual National Advisory encouraging all schools to visit the PSC for educational field trips.



MAJOR PROGRAMS, ACTIVITIES AND SERVICES

PHILIPPINE SCIENCE CENTRUM (PSC) - established in 1990 as the foundation's flagship program. It is a combination of a science center and museum featuring over 100 interactive exhibits. To date, over 3 million students, teachers and the public in general have already been accommodated.

TRAVELING EXHIBITIONS - since its maiden travel to Lapu-Lapu City in 1995, the PSC's mobile exhibitions have already visited 207 towns, provincial capitals, cities and regional centers across the country accommodating almost 4 million Filipinos in all walks of life.

There are now 6 sets of PSC's mobile exhibitions - Science Adventures, Sci-Fun Caravan, Science On the Move, Science Works!, Science Sparks! and Health Science on the Go!

TEACHER'S TRAINING - recognizing the importance of teacher factor in the youth's education this module is being offered to teachers and school administrators on the interactive approaches in science teaching. The training can be customized according to the needs of the participants. Over the years, thousands of teachers have been trained all over the country.

EXHIBIT DEVELOPMENT AND FABRICATION SERVICES - during PSC's 25 years of operation, it gained technical expertise in the development, design and fabrication of interactive exhibits. Schools, regional science centers and even, international museums from Brunei, Australia, Nepal and Malaysia have already tapped PSC's services in this area. In 2007, the Science Centrum Fabrication Inc. (SCFI) was created to solely undertake the exhibit development and fabrication requirements of the PSC and other science centers locally and abroad.

EDUCATIONAL PROGRAM DESIGN AND IMPLEMENTATION - private companies and government agencies can tie-up with PFST in addressing their corporate social responsibility programs. The PFST has designed and implemented various educational programs like the CALTEX/PHOC Sci-Art Program, Home Techno Science Camp, Science Journalism Workshop, Robotics Competitions, ICT Summit for the youth etc.



Vice President Noli De Castro handing over the 1st GAWAD LIDER award for Exemplary leadership to PFST Executive Director, May M. Pagsinobin and PFST Chair, Meneleo J. Carlos, Jr.



"Human Gyroscope Exhibit", one of the exciting exhibits at the Space Gallery.



"Science Centrum is indeed a great tool in enhancing K to 12 education in the country. Truly Science is fun!"
- Bro. Armin A. Luistro - DepEd Secretary



Parents toting their Children is a common sight at the Philippine Science Centrum during weekend and Holidays.

IMPACT STUDIES

- "Visitor Impact of Philippine Science Centrum" (Talisayan, V., 1995)
 - "Assessment of the Impact of PSC Science Exhibits on the Learning Outcome of Elementary and Secondary School Studies," (Galvez, E.R. and Galvez F.R., 2007)
 - "Assessment of Student's Learning from Biotechnology and Bioethics Exhibition", (Galvez E.R., 2009)
- These surveys/assessment studies have a common conclusion stating that exhibits promote self-learning and that visitors (students) learn something from their interaction with the exhibits even for a short period of 1 minute.
- The 2007 assessment also concluded that teachers recognized that the exhibits would be useful to their teaching after trying out the exhibits themselves and were certain the visit would help students in their academic advancement.

ACCREDITATIONS/AFFILIATIONS:

- Accredited Foundation with the Philippine Council for NGO Certification
- Accredited S&T Foundation with the Department of Science and Technology
- Accredited facility as an Educational, Tourism and Entertainment Center with Department of Tourism
- Accredited Lakbay Aral Tourist Destination with Marikina City Tourism trade and Investment Office
- Member, Sub-Committee on Museums of the National Commission for Culture and the Arts
- Founding Member, Asia Pacific Network of Science and Technology Centers
- Member, Association of Science Technology Centers

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- Engr. Filemon T. Berbo, Jr.
- Engr. Rodolfo C. Salazar
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- Atty. Ernesto L. Albano - Board Secretary

DepEd Advisory No. 120, s. 2015

April 6, 2015

In compliance with DepEd Order No. 8, s. 2013
this Advisory is issued for the information of DepEd officials,
personnel/staff, as well as the concerned public.
(Visit www.deped.gov.ph)

PHILIPPINE FOUNDATION FOR SCIENCE AND TECHNOLOGY (PFST)
PROGRAMS AND PROJECTS FOR SCHOOL YEAR (SY) 2015-2016

The Philippine Foundation for Science and Technology (PFST) has designed the following *Programs and Projects for School year (SY) 2015-2016* to promote Science and Technology consciousness among the youth and various sectors of society:

1. *Philippine Science Centrum (PSC)*. The flagship program of the PFST is the first interactive science museum in the country. Exhibits at the Philippine Science Centrum are hands-on and interactive where science concepts and processes are taught not by looking at exhibits and reading accompanying explanations, but by interacting and performing activities which facilitate learning in an atmosphere of fun;
2. *Philippine Science Centrum-Traveling Exhibitions* such as: (a) *Science Adventures*; (b) *Sci-Fun Caravan*; (c) *Science on the Move*; (d) *Science Works!*; (e) *Science Sparks!*; and (f) *Health Science Traveling Exhibit (starting September 2015)*. These traveling science exhibitions featuring replicas of PSC's popular interactive exhibits primarily aim to reach places which could not benefit from its permanent exhibits at PSC due to distance and cost constraints;
3. *Trainings, Seminars and Workshops for Teachers*. These activities are for science teachers, either in the elementary or secondary level, introducing the interactive and integrative approaches/strategies in teaching science and science related subjects.
 - a. *Hands on-Minds on Microscale Chemistry Workshop*. This is a one to two days (live-in or live-out) seminar-workshop that offers opportunity to learn effective chemistry teaching strategies using the "Laboratory in A Box" (LaB). This LaB contains a manual of activities/experiments apparatuses which are reusable, and chemicals which are not hazardous to teachers, students/pupils and environment.
 - b. *Teachers Science Camp*. This is a three-day (live-in or live-out) seminar-workshop on "Teaching Science Through Interactive and Integrative Approaches" designed for science teachers. It comprises of modules entitled: (1) Teaching Device Based on Science Centrum Exhibits; (2) Teaching Science Thru Art: Create Your Own Science Books; (3) Test Construction; and (4) Interactive Learning System: Concept and Tools.
 - c. *Start Kits*. The Science Teaching Aids, Resources and Techniques (START) Kit is a modest undertaking of the Philippine Science Centrum to equip science teachers with "easy-to-assemble" gadgets and a teachers' manual in conducting science activities and experiments. With these "gadgets", science lessons and activities will be easier to understand and present a more exciting learning experience. The suggested activities and exercise in this START Kit explain the concepts on force, energy and matter.
4. *Science Centrum Fabrication*. This is an exhibit fabrication unit of PFST for interactive exhibits with technical capability of developing, prototyping, fabricating and/or manufacturing interactive exhibits and other paraphernalia for the promotion and development of science and technology.

Participation of both public and private schools shall be subject to the *no-disruption-of-classes policy* stipulated in DepEd Order No. 9, s. 2005 entitled *Instituting Measures to Increase Engaged Time-on-Task and Ensuring Compliance Therewith*. This is also subject to the *no-collection policy* as stated in Section 2 of Republic Act No. 5546, *An Act Prohibiting the Sale of Tickets and/or the Collection of Contributions for Whatever Project or Purpose from Students and Teachers of Public and Private Schools, Colleges and Universities (Ganson Law)*.

More information may be inquired from:

The Philippine Foundation for Science and Technology (PFST)
Philippine Science Centrum, E-Cym Building
Riverbanks Center, Barangka, Marikina City
Telephone Nos.: (02) 942-4137; (02) 942-5136
Telefax No.: (02) 942-5091
Mobile Phone Nos.: 0905-259-7771; 0917-526-6356
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Sally: 2015 PFST
0168-March 17, 2015/April 01