



PSHS - CMC

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## Science Teachers' Training in Singapore - Teaching Integrated Science by the Differentiated Approach (Training Highlights)

This training for selected PSHS science teachers was held at the National Institute of Education in Nanyang Technological University (NTU-NIE), Singapore and was held on September 30 to October 11, 2013. The training was given to gain greater understanding and application of the following topics:

Teaching Science in the 21<sup>st</sup> Century  
Scientific Inquiry and appreciation  
Differentiated science inquiry  
Differentiated Science Assessment  
Problem-based learning (PBL)  
Design of differentiated lab activities for integrated science

Contents of the training were delivered via lecture, hands-on laboratory activities, field work, field study, and presentation of lesson outputs facilitated by Associate Professor Augustine Tan, PhD.

The participants were Ms. Annelene Madrid (IRC), Ms. Aimee Marie Gragasin (CVC), Mr. Rex Forteza (CLC), Mr. Signor Rinno Montales (MC), Ms. Maria Elena Pinlac (MC), Ms. Maria Aileen Pesino (BRC), Ms. Anariza Gozon (EVC), Mr. Joseph Hortezuola (CVIS), Mr. Arfe Castillo (CARC), Ms. Rowena Labrador (WVC), Mr. Anwar Zeus Pattuinan (CMC), Ms. Carolyn Mae Villanaba (SMC), and Mr. Edman Gallamaso (SRC). They were also observed for three days by Usec. Fortunato dela Peña (DOST), Dr. Joseette T. Biyo (OED), and Directors Ms. Virginia Andres (MC), Ms. Lilia Habacon (CLC), and Ms. Elsie Ferrer (BRC).



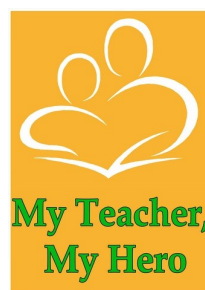
The participants together with two students from NUS High School of Math and Science

Field trips were also held at the Singapore Science Center, the Maritime Experiential Museum, the South East Asia Aquarium, and at the National University of Singapore High School of Mathematics and Science.

Aside from the training, lectures, and field trips, the participants were also given the chance to look into NIE's training and research laboratories, and their classrooms designed for the future.



## CISD COUNCIL OF PSHS-CMC SPEARHEADS THE WORLD TEACHERS' DAY CELEBRATION



Presidential Proclamation No. 242 declares September 5 to October 5 as 'NATIONAL TEACHERS' MONTH'. President Benigno S. Aquino III issued this decree in 2011 to revitalize the image and respect for teaching as a vocation by increasing public awareness on the value of teachers in the Philippine Society and in national development. In the same manner, **WORLD TEACHERS' DAY** with the theme **My Teacher, My Hero** as declared by United Nations Education, Scientific and Cultural Organization (UNESCO) is celebrated every October 5 in recognition to teachers' unique role, service, and commitment in nation building.



As tribute to all mentors of PISAY CMC, the CISD Council in partnership with SCS/SMART officers and the Management Committee (ManCom) celebrated the World Teachers' Day on October 4, 2013. Activities launched in recognition to our teachers' lasting contributions in the development of PISAY scholars were the Poster Making Contest, the Video Montage Making Contest, the Essay Writing Contest, the VOICE of PISAY: Teachers' Edition, the Teachers' Amazing Race and the Giving of Gifts/token for teachers.





## PSAY CMC Celebrates 14th SMT FESTIVAL

The Science Math Technology (SMT) Department celebrated its **14<sup>th</sup> SMT FESTIVAL** with the theme **“Living with Science”**. This event was in line with the PSHS Mission and Vision to foster the interests of our young scholars, as well as students outside the PSHS-CMC, in Science and Technology.



This activity was deemed to help provide a culture of science in Muslim dominated schools to encourage students to understand, appreciate and value the importance of Science, Mathematics, and Technology, thereby molding the minds of our gifted youth.



This year's festival was highlighted by the Invitational Quiz Show, Poster Making Contest & Exhibits, Search for Math Wizard, Microscopy Workshop, Visual Art Appreciation Workshop, Search for Mr. & Ms. Agham and Science

Congress for Research Proposal and Research Projects that would exhibit our scholars' skills in the fields of Science, Mathematics and Technology.



This is our way of showing what our scholars have learned and what they will willingly contribute not only for the campus but also to the locality.



My hand salute to the group of professionals who labor, offer their time, and share their expertise in the fields of Science, Mathematics and Technology.



The SMT Department of PSHS-CMC would like to express their deepest gratitude for the assistance and significant contributions given to the success of the 14<sup>th</sup> SMT Festival 2013.



## PSAY School Paper Advisers hold its 1<sup>st</sup> Journalism Summit

Thirteen school paper advisers from the 11 campuses of the Philippine Science High School System gathered for the first time for a three-day “2013 Pisay Campus Journalism Summit: Working Together towards Excellence” last September 3-5 at the Clark Development Corporation, Clark Freeport Zone, Pampanga.

The idea of conducting the said summit came into being when a good number of PSHS journalists and school paper advisers reached the National Schools Press Conference held at Ormoc City last April 2013. According to the organizer, Oliveros of Central Luzon Campus, the summit was held in connection with the Pisay-CLC’s 5<sup>th</sup> foundation anniversary and sought for the advisers to share their respective best practices in school papering and to make the system’s school papers become more winnable in the regional and national selections of the country’s best school papers.



**A CLOSER LOOK:** *Trying to see what’s best for a paper layout and design from the winning coach Marvin Enderes of Colegio de San Agustin, NSPC winner for layout and design.*

“Being Phil Sci scholars, our journalists already have a greater advantage, considering that they already have an edge on the language use and eloquence,” Oliveros said.

In relation to said objective, the summit featured five topics, namely: feature writing (by Oliveros), news writing (by Noveno), sports writing (by Gallo), science writing by Angelo Palmones (Agham Party List Representative, 15<sup>th</sup> congress), and layout and design by Colegio San Agustin’s school paper adviser Marvin Enderes.

Attending the summit Robelle Millie Ann Racca of Ilocos Region Campus, Harold Gallo of Cagayan Valley Campus, Aries Oliveros of Central Luzon Campus, Melanie Matias and Janice Carambas of Cordillera Administrative Region Campus, Jerry Noveno of Bicol Region, Nena Huyong of Western Visayas Campus, Dennis Bruce Lerion of Eastern Visayas Campus, Euney Guia of Central Visayas Campus, Sheila Musa-Allong and Mary Anne Villanueva of Southern Mindanao Campus, Loumar Abing of Central Mindanao Campus, and Almie Panauton of the newest SOCCSKSARGEN Campus.



Besides said participants, CLC’s English and Filipino teachers, with the campus Student Services Division (SSD) Chief Joyce Dines also joined in the three-day confab.

The Pisay SPA’s aim to hold the summit from one campus to another every year and plan to hold the next summit in Bicol Region Campus in July next year.

## CMC Participants declared over-all Champion during the conduct of PSYSC Science Olympiad (PSO)

The Science and Mathematics Association for Responsible Teenagers (SMART), an affiliate of Philippine Society of Youth Science Clubs (PSYSC) joined the National Science Club Month (NSCM) held at Dipolog Medical Center-Science High School Department, Dipolog City, Zamboanga del Norte, with the theme, “**NATUREADY: Unravel the Success. Build the Solution. Empower Science Clubbers to Action**”. last September 7-8 2013.

The Philippine Society of Youth Science Clubs PSYSC aims to empower science clubbers by informing them of the common natural disasters, how they are formed and what can be done to mitigate the disasters. It also encourages camaraderie among the youth through lectures, workshops and friendly competition. National Science Club Month (NSCM) aims to teach science clubbers about Natural Disaster Risk Management. The four major activities were: The Summit, PSYSC Science Olympiad, MatSciAKA and I Teach Science Seminar (ITSS).

PISAY-CMC got the following awards:

**1<sup>st</sup> Place in the PSYSC Science Olympiad (PSO)** – team was composed of Loraine L. Luceñara (IV-Electron), Danielle Ann A. Ranido (IV-Proton) and John Francis G. Rizada (III-Lithium); followed by Zamboanga Chung Chua High School who ranked 2<sup>nd</sup> and Ateneo de Zamboanga-High School Department who ranked 3<sup>rd</sup>. PSHS-CMC participants qualified to participate in the PSO-National Level on September 29, 2013.

**Champion on Engineering Challenge under MatSciAKA Activity** – team was composed of Kent Ammon J. Pamesa (IV-Neutron) and Gilian Wyn E. Amba (IV-Neutron). Their project was entitled, “**Dam Design and Hydropower Extraction**”. They were tasked to build a miniature dam design that would generate electricity.

**Champion on the Interactive Workshop under the MathSciAKA Activity** – team was composed of Candace Noelle Quicio (IV-Neutron), Creshielle Jenikka Calunsag (IV-Electron), Christian Jacob Velasco (IV-Proton), Loraine L. Luceñara (IV-Electron), and Aristy Ed Pajaro (IV-Neutron). This interactive workshop was an outdoor activity which tested the participants’ mental and physical skills.

### Over-all Champion on SUMMIT-MathSciAKA

Another highlight in this activity is the **I Teach Science Seminar (ITSS)**. This is a seminar conducted for all affiliated science club advisers. This year, the seminar was about the National Disasters Risk Management. The teacher-participants were divided into groups who joined in a workshop on “Liquefaction during Earthquake” which widened the teachers’ idea on national disasters.



## Scholars in the Director's List for the 1<sup>st</sup> Quarter SY 2013-2014

### Grade 7

#### Emerald

Bello, Alexander Jr. C.  
Disamburun, Ahmerdaya U.  
Ibrahim, Queenee Mosera M.  
Maraon, Jasmine Q.  
Opaon, Micelle Rae C.  
Ruizal, Ericka Faith P.  
Ybo, Othneil Ian C.

#### Ruby

Generalao, David Brian G.  
Lucman, Abdul Raqib S  
Paraguay, Reian Cristopher A.

#### Jade

Jumawan, Ivan Richmond T.  
Magumpara, Isnihaya Hadji S.  
Tudela, Ed Chhristian P.

### Third Year

#### Potassium

Alla, Lessie Shane O.  
Almeria, John Wilbern L.  
Bonite, Val Augustus L.  
Ducan, Mel Angel R.  
Magad, Hannan S.  
Valenzuela, Gabriel B.

#### Lithium

Bahian, Raya Faye M.  
Datan, Christian Vic M.  
Gasalatan, Armarie M.  
Rizada, John Francis G.  
Roxas, Erika Grace C.

#### Sodium

Cabasag, Mikho Angelo A.  
Capin, Jessel Babe G.  
Edquila, Kathleen Mae V.  
Hamoy, Mikha C.  
Malalis, Royce Val C.

### Grade 8

#### Dahlia

Abantas, Abdulhakim C.  
Acla, Jasmine Abigail S.  
Bedoya, Czariss Dale Grace A.  
Castro, Mel Jhun G.  
Enriquez, Carlos Martin L.  
Honcada, Empress Diadem Q.  
Japona, Katrina C.  
Quiambao, Cathryn Kate B.  
Sani, Yanisah Justine P.  
Silva, Luzianie Vic M.

#### Kamia

Batican, Mylvie Alexis M.  
Cabardo, Michael Vincent S.  
Radaza, Eleanor D.

#### Rosal

Comaling, Angelika C.

### Fourth Year

#### Neutron

Amba, Gillian Wyn E.  
Baldonado, Brytt R.  
Cabangon, Frances Evie Lynn B.  
Calunsag, Creshielle Jennika B.  
Quicio, Candace Noelle S.

#### Proton

Blanco, Glenn Riced G.  
Bongales, Jay T.  
Buat, Safiyah Dominique S.  
Ceniza, Amyzz P.  
Maglangit, Alexis Paul N.  
Ranido, Danielle Ann A.  
Rapliza, Annamitz A.

#### Electron

Lucenara, Loraine L.  
Maestre, Loriza E.  
Maraon, Francesca Renee Q.  
Pilapil, Mary Liezl Grace D.

## PSHS-CMC Team Wins 2<sup>nd</sup> Place in GeoQuiz 2013

**GEOQUIZ 2013: "Going Beyond Limits to Expand Knowledge and Cultivate Interest in Geology"** was participated by the PSHS-CMC last October 14, 2013 at the National Institute of Geological Sciences (NIGS) of the University of the Philippines, Diliman, Quezon City. The annual geology quiz show was hosted by the University of the Philippines Geological Society (UP GeoSoc), an academic organization duly recognized by the NIGS of the College of Science in UP Diliman. The event aims to promote excellence in the field of geosciences and develop the students' competitiveness and camaraderie through a friendly competition.

The contest was a team competition and each team was composed of 1 Grade 8, 1 3<sup>rd</sup> Year, and 1 4<sup>th</sup> Year students. CMC was represented by Loraine Luceñara (4<sup>th</sup> Year), John Francis Rizada (3<sup>rd</sup> Year), and Andrei Felix J. Tan (Grade 8). The contest was divided into two rounds, the elimination round and the final round. The elimination round was further divided into two, the group quiz and the practical test. After the elimination, the top 5 teams with the highest accumulated score were allowed to proceed to the final round. The final round was an oral group quiz.

The event was participated by sixteen teams from different private and public high schools all over the country. Six of the sixteen participating schools were from the different campuses of the Philippine Science High School System, namely, Bicol Region, Central Luzon, Eastern Visayas, Central Visayas, Central Mindanao, and Southern Mindanao campuses.

The top 5 teams competing in the final round were from the *Pisay* system. The top 3 winning teams were from *Pisay*, namely;

1<sup>st</sup> Place (Champion): Central Luzon Campus  
2<sup>nd</sup> Place: Central Mindanao Campus  
3<sup>rd</sup> Place: Bicol Region Campus

The PSHS-CMC team received the second prize including plaque, medals, and cash prize worth Php 7,000.00.

## PSHS-CMC joins the 8th Philippine Sudoku Super Challenge

PSHS-CMC participated in the **8<sup>th</sup> PHILIPPINE SUDOKU SUPER CHALLENGE** which was held at the SM City, Cagayan de Oro City last October 19, 2013. This event was launched through the Mathematics Trainers' Guild, Philippines in coordination with the Philippine Star and SM Supermalls. A number puzzle contest attracted not only elementary and high school students but also professional individuals.

Seventeen (17) scholars from PSHS-CMC made it to the Regional Elimination Round. The following finalists were: Isnihaya Magumpara (Grade 7), Shaena J. Olino (Grade 7), Ann Carmelle M. Balaba (Grade 8), Czariss Dale Grace A. Bedoya (Grade 8), Vince Michael R. Go (Grade 8), Nicholas L. Lasquite (Grade 8), Mylvie Alexis M. Batican (Grade 8), Anna Mikaela A. Tejano (Grade 8), Deo Grace M. Tiin (Grade 8), Regin L. Lopez (Grade 8), Frances Catherine D. Rosario (Grade 8), Jingle C. Zamora (Grade 8), Aline Taladua (Grade 8), Christian Gallego (Grade 8), Ericka Grace Roxas (3<sup>rd</sup> Year), Danielle Ann Ranido (4<sup>th</sup> Year) and Annamitz Rapliza (4<sup>th</sup> Year).

Two of these finalists made it to the top: Shanea J. Olino (Grade 7) was the 1<sup>st</sup> Runner-up and Danielle Ann Ranido (4<sup>th</sup> Year) was the 2<sup>nd</sup> Runner-up. The teacher-coaches were Ma. Genile C. Caballero, Ronna Y. Magto, Joan Y. Dingson and Rolex B. Teologia.