



December 12, 2014

DIVISION MEMORANDUM
No. 688, s. 2014

**RESULTS OF THE REGIONAL SCIENCE AND TECHNOLOGY FAIR
FOR SCHOOL YEAR 2014-2015**

TO : Assistant Superintendents
Division Supervisors/Coordinators
District Supervisors/OICs/Caretakers
Elementary and Secondary School Heads
Heads, Private Elementary and Secondary Schools

1. Attached is Regional Memorandum No. 760, s. 2014, re **“Results of the Regional Science and Technology Fair for School Year 2014-2015”**, which is self-explanatory.
2. For details, see attached communication and enclosure.
3. Immediate and wide dissemination of this Memorandum is desired.


ARDEN D. MONISIT, Ed. D.
Schools Division Superintendent

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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



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REGIONAL MEMORANDUM
 No. 760, s. 2014

**RESULTS OF THE REGIONAL SCIENCE AND TECHNOLOGY FAIR
 FOR SCHOOL YEAR 2014-2015**

To: Schools Division/City Superintendents
 School Heads of Public and Private Elementary and Secondary Schools

1. This Office announces and congratulates the winners in the recently concluded Regional Science and Technology Fair for School Year 2014-2015 held last November 28-30, 2014 at DepEd Ecotech Center, Sudlon, Lahug, Cebu City.

LIFE/BIOLOGICAL SCIENCE INDIVIDUAL - ELEMENTARY						
Rank	Title of Investigation	Researcher	Coach	Code	School	Division
1 st	Banana Peelings and Fish Gills Essence as Potential Organic Fertilizer	Randz Brian A. Dumuk	Josephine Manglallan	ELS-I-SDO12	Mandaue City SFA	Mandaue City
2 nd	Inhibitory Effects Of Local Flora Extracts To Dysenteric Bacilli (<i>Shigella dysenteriae</i>)	Brennan Jules Acar	Evelyn Cantilla	ELS-I-SDO6	Lahug ES	Cebu City
LIFE/BIOLOGICAL SCIENCE TEAM - ELEMENTARY						
1 st	The Effect of Fish Internal Organs on the Growth of Pechay Plant	Kate P. Guinocor Joseph Adrian Leyson Maynard Miffoza	Josefina Patigayon	ELS-T-SDO12	Cabancalan I ES	Mandaue City
2 nd	The Effect of Danggit Internal Organs as Fertilizer on the Growth of Bell Pepper, Okra and Tomato	Christian Simeon Juliet Ann Talledo Angie Cuyos		ELS-T-SDO7-1	Catarman ES	Cebu Province
APPLIED/PHYSICAL SCIENCE INDIVIDUAL - ELEMENTARY						
1 st	The Effect of Physic Nut Fruit Decoction as Termite Killer	Mnesmosyne A. Dakay	Michel Gacrama	EPS-I-SDO13	Pangdan ES	Naga City
2 nd	Madre de Cacao (<i>Gliricidium sepium</i>) and Calamansi (<i>Citrus microcarpa bunge</i>) Extract as Cockroach (<i>Blatella asahinai mizukubo</i>) Killer	Sheridian Batiancila	Levi Mari	EPS-I-SDO9-3	SCES	Dumaguete City
3 rd	Castor seed or Tangantangan (<i>Rizinus communis</i>) as Alternative Fuel	Marvin D. Nillas	Sally Borromeo	EPS-I-SDO9-4	SCES	Dumaguete City
APPLIED/PHYSICAL SCIENCE TEAM - ELEMENTARY						
1 st	Mahogany (<i>Shorea negrosensis</i>) Seeds and Siling Labuyo (<i>Capsicum frutescens</i>) extracts: A Termiticide	Mhaidemoisle B. Duazo Justine G. de la Cruz Evelyn S. Manilingan Kranyeel C. Kilat	Rowen A. Miquiabas Nenia M. Lastimado	EPS-T-SDO15	Cabulihan IS	Siquijor
2 nd	The Effectiveness of Oregano (<i>Oregano vulgare</i>) Extract as Mosquito Pesticides	Julianne Angel A. Dumapias Noeline Faith L. Lopus	Anecita A. Romero	EPS-T-SDO16-1	Tagbilaran City SPED	Tagbilaran City
3 rd	Lemon Grass Extract: A Preservative for Ripe Tomatoes	Shaira Faith Aruta Madille Carwana Nhem Rose Paner	Maya Aruta	EPS-T-SDO5-1	Valladolid ES	Carcar City

Regional Director's Office: Tel. nos.: (032) 231-1433; 231-1309; Telefax 414-7399; 414-7325; Asst. Regional Director's Office Telefax: (032) 255-4542;
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 Training and Development Division: (032) 255-5239 loc. 112; Planning, Policy and Research Division: (032) 233-9030; 414-7065;
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 Website: <http://www.depedro7.com.ph>

"EFA 2015: Kanapatan ng Lahat, Pananagutan ng Lahat"


LIFE/BIOLOGICAL SCIENCE INDIVIDUAL - SECONDARY						
1 st	Effects of Cardaba (<i>Musa saba</i>) Peelings on the Growth Performance of Broilers Chicken Cobb (<i>Gallus domesticus</i>)	Arnold Gonzales Opone Jr.	Jocelyn Carillo Butanas	LS-I-SDO6-2	Talamban NHS	Cebu City
2 nd	Phytochemical Screening, Cytotoxicity and Antimicrobial Properties of Mangroove (<i>Rhizophora mucronata Lam</i>) Leaves Extract	Marc Rodney Manaban	Ferrera Esteban Oira	LS-I-SDO9-2	RTPM-Dumaguete Science HS	Dumaguete City
3 rd	Larvicidal Activity of Ipil-ipil (<i>Leucocephala</i>) Leaf Extract Detected Against Vector Mosquito in Mactan NHS	Jelou Fuentes		LS-I-SDO11-2	Mactan NHS	Lapu-Lapu City
LIFE/BIOLOGICAL SCIENCE TEAM - SECONDARY						
1 st	Antimicrobial and Cytotoxic Activity Screening of the Ink of the Sea Hare (<i>Dolabella auricularia</i>) Lightfoot (or Donsol)	Sophie Alohilani C. Ituralde Mel Michelle Dawn T. Ramirez Vanity E. Temblor	Ferrera Esteban Oira	LS-T-SDO9-1	RTPM-Dumaguete Science HS	Dumaguete City
2 nd	The Effect of Malunggay (<i>Moringa oleifera</i>) Leaves as Feed Supplement on the Number, Mass and Volume of the Eggs Produced	Ruby Anne Bunao Llavina Jumawid Macrhowen Vincent Kibir	Asteria Tutor	LS-T-SDO16-1	Tagbilaran City Science HS	Tagbilaran City
3 rd	Anti-mitotic Effect of Crude Extract of Lemon Grass (<i>Cymbopogon citratus</i>) on the Development of Sea Urchin's Embryo	Blaine Mogby Labanan Klifferrd Hermida Ammer Mar Cirera	Victor Mancao	LS-T-SDO13-1	Naga NHS	City of Naga
APPLIED/PHYSICAL SCIENCE INDIVIDUAL - SECONDARY						
1 st	An Investigative Comparison on Heating Value and Combustion Gas Composition of <i>Saccharum officinarum</i> leaves and <i>Oryza sativa</i> Hulls Charcoal	Jude Martin Vilan Amiscaray	Mylene Jacob Lagahit	PS-I-SDO9-3	Silliman University HS	Dumaguete City
2 nd	Helios	Lindl Michael Enario	Mary Ann Bacalso	PS-I-SDO6-2	Cebu City Nat'l SHS	Cebu City
3 rd	Synthesis of Polyurethane Plastic from Coconut	Bien Jonas Caluyo	Victor Mancao	PS-I-SDO13-2	Naga NHS	City of Naga
APPLIED/PHYSICAL SCIENCE TEAM - SECONDARY						
1 st	Performance Enhancement of a Biomimetic Wind Lens Turbine System using Vortex Generator	Christop Comediero Ancajas John Edcel Canama Jugasan Aldrin Jay Carsula Lepiten	Irey Manatad Soon	PS-T-SDO3-1	CBSAA	Bogo City
2 nd	Teak Leaves (<i>Tectona grandis</i>) Auri Fruit Pods (<i>Acacia auriculiformis</i>) and Cassava Starch (<i>Manihot esculenta</i>) as Biomass Briquette	Cristine Calzado Francisca Arbuys Johanna Kyla Arano	Dino Tumampus	PS-T-SDO4-2	Biking Technical Vocational HS	Bohol
3 rd	Nile Tilapia (<i>Oreochromis niloticus</i>) Fish Scale Waste as an Adsorptive for Oil Spill	April P. Martel Mary Lyzzabelle P. Toledo Rhini Mae E. Manco	Nenianeth J. Barriga	PS-T-SDO8	Ramon M. Durano Foundation -STEC	Danao City
SIM Elementary			SIM Secondary			
1 st	Merlene F. Abao	Dumaguete City	1 st	Irey M. Soon	Bogo City	
2 nd	Syhanna Khassie S. Torres	Mandaue City	2 nd	Carielyn A. Trupa	Dumaguete City	
3 rd	Christine C. Vestil	Toledo City	3 rd	Mary Grace E. Agnes	Lapu-Lapu City	

Best Display – Life Science Elementary	Randz Brian A. Dumuk	Mandaue City
Best Presenter – Life Science Elementary	Randz Brian A. Dumuk	Mandaue City
Best Display – Physical Science Elementary	Sheridian Batiancila	Dumaguete City
Best Presenter – Physical Science Elementary	Shaira Faith Aruta	Carcar City
Best Display – Life Science Secondary	Ruziel John Mantalaba Dianne Obidas Ammabelle Cañada	Cebu Province
Best Presenter – Life Science Secondary	Jason V. Ouano Jim Ralpheato R. Mijares Ejay Christian Co	Mandaue City
Best Display – Physical Science Secondary	Jan Natalie M. Ugpo	Tagbilaran City
Best Presenter – Physical Science Secondary	Jude Martin Vilan Amiscaray	Dumaguete City

2. First place winning researches in the Science Investigatory Project for Secondary Level shall be submitted as Regional Entries to the Bureau of Secondary Education for further validation, review and deliberation by the National Scientific Review Committee to determine the National Qualifiers.

3. This Office also extends its deepest gratitude for the assistance extended by Dr. Antonio E. Batomalaque, Mr. Antonio E. Tambuli, Ms. Quennie Marie A. Maquilang, Mr. John Waruel F. Liwag, Mr. Richard R. Jugar and Ms. Maricel Eguna-Judilla, who served as the Scientific Review Committee as well as the Board of Judges for the Science Investigatory Projects.

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


CARMELITA T. DULANGON
 Director III, *re*
 Officer-in-Charge

CTD/LCJ/mjed
CLMD