

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



October 9, 2017

Division Memorandum

No. 663, s. 2017

**OFFICIAL ENTRIES OF THE SCIENCE INVESTIGATORY PROJECTS FOR
THE 2017 DIVISION SCIENCE FAIR & COMPETITION
SECONDARY LEVEL**

To: Assistant Superintendents
Chiefs, SGOD and CID
Education Supervisors / Coordinators
District Supervisors / OICs
Secondary School Heads

1. This office announces the **Official Entries** of the **Science Investigatory Projects for the 2017 Division Science Fair and Competition Secondary Level** on October 13, 2017 at Sibonga National High School, Sibonga, Cebu. Please see attached sheets.
2. For information & guidance .
3. Immediate dissemination of this Memorandum is desired.


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Schools Division Superintendent

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DIVISION SCIENCE FAIR AND COMPETITION 2017

Venue: Sibonga National High School

Sibonga, Cebu

October 13, 2017

**OFFICIAL ENTRIES OF THE
SCIENCE INVESTIGATORY PROJECTS**

LIFE SCIENCE - TEAM

NO.	SCHOOLS	MUNICIPALITIES	TITLES	RESEARCHERS	ADVISERS
1	San Remigio National High School	San Remigio	Phytochemical Screening and Antibacterial Activity of <i>Phyllanthusamarus</i> against <i>Proteus vulgaris</i>	Elgem D. Ursal Nova Thea L. Cabardo Jirehshelle Faith B. Alarde	Ivy Ursal
2	Tabogon Roosevelt High School	Tabogon	Comparative study on the effects of the additional nutrients to the growth of Mungo plants (<i>Vignaradiata</i>) using commercial fertilizers (46-0-0, 0-0-60, 14-14-14) and Natural Fertilizers (Banana Peelings (<i>Musa spp.</i>), human urine and the mixture of Banana Peelings, Squash Seeds (<i>Cucurbita maxima</i>) and Human urine)	Jericho Mangubat Hazel Montebon Francine Faith Romagos	RazelAnjenette O. Argawanon
3	Minglanilla Science High School	Minglanilla	The Effects of Alugbati (<i>Basella alba</i>) Leaves Extracts on Hypercholesterolemia	Rea Patricia T. Hubahib Kiara Z. Espinar Valerie Grace A. Batidor	Ryan B. Manubag
4	Badian National High School	Badian	The Effectiveness of Guso (<i>Euchemacottonii</i>) as a Fertilizer to Philippine White Corn	Champagne M. Colina Razel A. Lamosao Daisymae A. Layese	Ruy Alexis C. Belarmino




5	Buanoy National High School	Balamban	Larvicidal Effect of Madre de Cacao (<i>Gliricidia sepium</i>) Leaf Extract Against Mosquito Larvae	Michelle Jandugan Alessa Jean Lumangtad Ralph Macendo	Elizabeth Calvo
6	Sibonga National High School	Sibonga	Larvicidal Activity of Iba (<i>Averrhoa bilimbi</i>) Leaf Decoction Against Mosquito (<i>Culicidae</i>) Wrigglers	Britney Ann Tocador Heaven Marie Diez Rosemehlyn Taraya	Resdale Venz Palabrica
7	Consolacion National High School	Consolacion	Malunggay Sunblock	Ivy Marie Lumandas Darslene Rollon Vanny Rose Miel	Queen Anne Paninsoro

LIFE SCIENCE - INDIVIDUAL

NO.	SCHOOLS	MUNICIPALITIES	TITLES	RESEARCHERS	ADVISERS
1	San Remigio National High School	San Remigio	Phytochemical analysis of bioactive compounds and antimicrobial activity of <i>Caulerpalentillifera</i>	Gwynn D. Cabahug	Ivy Ursal
2	Minglanilla Science High School	Minglanilla	Oregano (<i>Origanum vulgare</i>) Leaves Extract as an Antibacterial against <i>Staphylococcus Aureus</i>	Mary Gwyneth de la Serna	Romin R. Sanchez
3	Badian National High School	Badian	The Reduction of Free Fatty Acid from Used Coconut Oil using Waray-waray (<i>Tridax procumbens</i>) as Adsorbent	Merian B. Yurag	Rowena S. Espinosa
4	Sibonga National High School	Sibonga	Examination of the Activity of Avocado (<i>Persea Americana</i>) Seeds as Ink	Jurish Ann Jimenez	Anselma D. Undalok

PHYSICAL SCIENCE – TEAM

NO.	SCHOOLS	MUNICIPALITIES	TITLES	RESEARCHERS	ADVISERS
1	San Remigio National High School	San Remigio	Vehicle Detector on Blind Curves	Dave Winkler Magdadaro Gerald Michael Sayud Christine Necessario	Fatima Joy R. Masong
2	Minglanilla Science High School	Minglanilla	Ivory Black from Chicken Bones as an Additive of Acrylic Latex Paint	Vina Rose C. Cabag Janelle Louise G. Deducin Nikka Kizzeah P. Enulba	Ryan B. Manubag
3	Badian National High School	Badian	The Performance of GSM-Based Home Automation System	Angelica Louise P. Bate Kwynle Belle B. Go Clint John V. Tarongoy	Ruy Alexis C. Belarmino
4	Samboan National High School	Samboan	Emergency Energy Supplier	Nikki Fe F. Moral Jedidiah M. Nellas Fritz Niño V. Parilla	Narciso B. Sasan, Jr.
5	Sangat National High School	San Fernando	Multi-Purpose Bike	Faith Carmel Briones Rachel Ann Reyes Sarah Mae Canoy	RosemariwenRenes
6	Lorenzo C. Tanza Memorial National High School	San Francisco	The Effectivity of Microbial Fuel Cell (MFC)	Romer C. Ranoco Carill Kaye C. Barral	Efresa S. Illut
7	Compostela Science and Technology High School	Compostela	The Efficiency of Using an Improved Programmable Plant Water-Sprinkler Actuated by Soil Moisture Detector	Nenavel R. Brigole Chiara Marie C. Canque Majelie H. Son	Lord NorlandCabanés
8	Buanoy National High School	Balamban	Compatibility of Improved Wireless Electronic Board with Gadgets and a Musical Instrument	Nobert C. Tejas Mary Joy C. Dagapio John C. Generale	Jordan Gutierrez



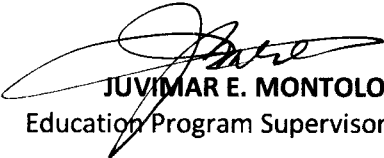

9	Medellin National Science and Technology School	Medellin	Smartphone Controlled Solar Vehicle Using Arduino Microcontroller	Laura Yvonne B. Tan Junry Emmanuel P. Mingo Axel Brylle P. Ynot	Joan Marie Hubahib
10	Consolacion National High School	Consolacion	Biomass from Plastic-and-Styrofoam-Eating Mealworms	GlenahMarieBagnol Cracianne Amor Sasing Katrina Tiu	Merilyn H. Matildo

PHYSICAL SCIENCE - INDIVIDUAL

NO.	SCHOOLS	MUNICIPALITIES	TITLES	RESEARCHERS	ADVISERS
1	San Remegio National High School	San Remegio	Clayeactic: The Use of Clay and Saltwater to Generate Electric Current	Aubrey Ann Monteroyo	Fatima Joy R. Masong
2	Argao National High School	Argao	Brick Tile from Golden Apple Snail (<i>Pomacea canaliculata</i>) Shells	Fhara Mae C. Gacis	Rizalina Sambola
3	Minglanilla Science High School	Minglanilla	The Utility Model to Generate Electricity from Rain Water	Adrian Jay Carpentero	Jean Alad-Morales
4	Badian National High School	Badian	The Feasibility of Mobile-Controlled Multisensory Motorcar	John Rey P. Amestoso	Ruy Alexis C. Belarmino
5	Buanoy National High School	Balamban	Feasibility of Sugarcane (<i>Saccharum officinarum</i>) Bagasse Fiber as an Oil Absorbent Material	Jessa Mae Oman	Rima Joy D. Tejam

6	Medellin National Science and Technology School	Medellin	Smart Monitoring Trash Bin For Reporting System Using GSM Module Programmed by Arduino Microcontroller	ZianRinzlerValles	Karina Cenit
7	Consolacion National High School	Consolacion	Generator Powered by Human Steps	GlenuelArmamento	Claire P. Evangelista


RYAN B. MANUBAG
 Chairman, SIP Committee


JUVIMAR E. MONTOLO
 Education Program Supervisor - Science