



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



December 5, 2016

Division Memorandum
No. 791, s.2016

**RESULT OF THE REGIONAL SCIENCE AND TECHNOLOGY FAIR
(RSTF) FOR SY 2016-2017**

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

1. Attached is Regional Memorandum No. 0758, s.2016, dated November 29, 2016, entitled, " Results of the Regional Science and Technology Fair (RSTF) For SY 2016-2017."
2. Immediate dissemination of this Memorandum is desired .


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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



NOV 29 2016

REGIONAL MEMORANDUM
No. 0758, s. 2016

**RESULTS OF THE REGIONAL SCIENCE AND TECHNOLOGY FAIR (RSTF)
FOR SY 2016-2017**

To: Schools Division Superintendents

1. This Office announces and congratulates the winners of the recently concluded Regional Science and Technology Fair (RSTF) for School Year 2016-2017 held last November 18-20, 2016 at the DepEd Ecotech Center, Sudlon, Lahug, Cebu City.

**RESEARCH COMPETITION (SCIENCE INVESTIGATORY PROJECT)
ELEMENTARY LEVEL**

LIFE/BIOLOGICAL SCIENCE INDIVIDUAL – ELEMENTARY						
	Title of Investigation	Researcher	Adviser	Code	School	Division
FIRST PLACE	The Effectiveness of Tangan-tangan Fruit Decoction as Natural Mosquito Larvicide (<i>Ricinus communis</i> Linn.)	Jeshura Joy Serrate	Mary Ann Felecio	E-LS-I-4	Tagbilaran City SPED SSES	Tagbilaran City
SECOND PLACE	The Larvicidal Effect of Neem (<i>Azadirachta indica</i>) Leaves Extract on Mortality of Second Instar Stage of Common House Mosquito (<i>Culex pipiens fatigans</i>)	Brenan Jules Acar	Josephine Diapana	E-LS-I-3	Lahug ES	Cebu City
THIRD PLACE	Anticide: An Extract Out of Mahogany (<i>Swietenia macrophylla</i>) Seeds and Siling Labuyo (<i>Capsicum frutescens</i>)	Keith Rusell C. Lubguban	Rowen A. Miquibas	E-LS-I-6	Cabuliban Integrated School	Siquijor

LIFE/BIOLOGICAL SCIENCE TEAM – ELEMENTARY						
	Title of Investigation	Researcher	Adviser	Code	School	Division
FIRST PLACE	Inhibitory Effects of <i>Hibiscus rosa-sinensis</i> (Gumamela) Leaf Extract to <i>Proteus vulgaris</i>	Juliane April A. Sanchez Clenfrich Jan R. Talingang Niño MJ C. Valenzona	Analyn B. Uy	E-LS-T-4	Lahug ES	Cebu City
SECOND PLACE	The Effect of Blue Crab Shell (<i>Callinectes sapidus</i>) as Soil Amendment on the Growth of Pechay Plant	Vincent Ross Abella Alexa Guinevere S. Bardos Jans Michaela Archival	Ma. Stella C. Arcenal	E-LS-T-1	Cabangcalan I ES	Mandaue City
THIRD PLACE	Efficacy of Sugar Apple Powdered Dried Leaves as Larvicide Against <i>Aedes a.</i>	Cherry Rose Bonane Herselle Obiedo Roger Pahugot	Noveim Leoligao	E-LS-T-2	Kalawisan ES	Tagbilaran City

Office of the Director (ORDir), Tel. Nos.: (032) 231-1433; 231-1309; 414-7399; 414-7325; Office of the Assistant Director, Tel. No.: (032) 255-4542
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Quality Assurance Division (QAD), Tel. Nos.: (032) 231-1071 Human Resource Development Division (HRDD), Tel. No.: (032) 255-5239
Education Support Services Division (ESSD), Tel. No.: (032) 254-7062 Planning, Policy and Research Division (PPRD), Tel. Nos.: (032) 233-9030;
414-7065 Administrative Division, Tel. Nos.: (032) 414-7326; 414-4367; 414-7366; 414-7322; 414-4367
Finance Division, Tel. Nos.: (032) 256-2375; 253-8061; 414-7321

“EFA 2015: Karapatan ng Lahat, Pananagutan ng Lahat”

APPLIED/PHYSICAL SCIENCE INDIVIDUAL – ELEMENTARY						
	Title of Investigation	Researcher	Adviser	Code	School	Division
FIRST PLACE	Banana Peels as An Additive Ingredient in Making Floor Polisher	Heart Sophia P. Flores	Ritchelle N. Crisostomo	E-PS-I-4	Bogo Central School II	City of Bogo
SECOND PLACE	Mechanical Joule Thief Emergency Light	Karla P. Matuguinas	Gianno Val P. Dosdos	E-PS-I-1	Opao ES	Mandaue City
THIRD PLACE	Wood Ashes As A Ripening Agent for Musa acuminata (Saging Gardaba)	Marylen Gerbise	Emily C. Secrya	E-PS-I-3	San Nicolas ES	Cebu City

APPLIED/PHYSICAL SCIENCE TEAM – ELEMENTARY						
	Title of Investigation	Researcher	Adviser	Code	School	Division
FIRST PLACE	CODUNG: Unique and Eco-Friendly Cardboard Paper	Jan Jorenz P. Namenzo Jessiefiel Cornico Gian Emmanuel Turbo	Jeanette Revilla	E-PS-T-3	Ubay Central SSES	Bohol
SECOND PLACE	Lubi-lubi (Areca catechu) Fiber: Sorbent Material for Oil Spill	Mike Lyndon C. Navales Shayne Dianne B. Pelayo Ivan G. Bonghancy	Marjorie C. Odchigue	E-PS-T-4	Langtad ES	City of Naga
THIRD PLACE	The Utilization of Coconut (Cocos nucifera) Residue with Sawdust in Making Pin Board	Rojandol V. Dimpas Kim Jamella Villamor Breanna Mae B. Cafete	Charlene M. Ypil	E-PS-T-1	Pagsabungan ES	Mandaue City

SECONDARY LEVEL

LIFE/BIOLOGICAL SCIENCE INDIVIDUAL – SECONDARY						
	Title of Investigation	Researcher	Adviser	Code	School	Division
FIRST PLACE	Antibacterial Effect of <i>Canterpa lentillifera</i> Extract on <i>Escherichia coli</i> and <i>Bacillus subtilis</i>	Gwynn Cabahug	Jesusa Ramirez	S-LS-I-1	San Remigio NHS	Cebu Province
SECOND PLACE	Electricity on Rice Plant (<i>Oryza sativa</i>) Germination	Jasmine Love A. Millanas	Juna Dee Sieras	S-LS-I-4	Tabigon West NHS	Bohol
THIRD PLACE	Antibacterial Effect of Bigfin Reef Squid (<i>Sepioteuthis lessoniana</i>) Quill Against <i>Escherichia coli</i>	Krishia Kate Ruiz	Erlinda A. Parba	S-LS-I-2	Mandaue City Science HS	Mandaue City

LIFE/BIOLOGICAL SCIENCE TEAM – SECONDARY						
	Title of Investigation	Researcher	Adviser	Code	School	Division
FIRST PLACE	Effect of Chitosan from Bigfin Reef Squid (<i>Sepioteuthis lessoniana</i>) Quill to the Biochemical Activities of Bangus (<i>Chanos chanos</i>)	Kyle Christian D. Ballar Jeanjer Ivy G. Bangquiao Lindy Moore T. Torrenueva	Erlinda A. Parba	S-LS-T-2	Mandaue City Science HS	Mandaue City
SECOND PLACE	The Anti-Hyperglycemic Effect of Dried Guso (<i>Kapaphycus alvarezii</i>) Seaweeds Extracts	Bryle Humphrey O. Torres Theresa Erika B. Paraiso Rhea Carmelyn V. Tigley	Ryan R. Manubag	S-LS-T-1	Minglanilla Science HS	Cebu Province
THIRD PLACE	Antimitotic Activity of the "Parang-parang" (<i>Gracilaria salicornia</i>) Extract on the Red Onions (<i>Allium cepa</i>) Root Tips	Mary Rose M. Diaz Junjie L. Pocong Jinky J. Pacure	Sophia Marie M. Villacencio	S-LS-T-5	Naga NHS	City of Naga

APPLIED/PHYSICAL SCIENCE INDIVIDUAL – SECONDARY

	Title of Investigation	Researcher	Adviser	Code	School	Division
FIRST PLACE	Software-based Crash Fail-safe System for Unmanned Aerial Vehicles	Vincent Alec F. Baguio	Irene Lopez	S-PS-I-6	Cebu City NSHS	Cebu City
SECOND PLACE	Wireless Phone Charging Through Inductive Resonant Coupling	Christy Allen C. Junio	Jessa Mae Asucan	S-PS-I-4	Ubay Science NHS	Bohol
THIRD PLACE	Removal of Hexavalent Chromium in Aqueous Solution through Talisay (Terminalia catappa) Leaves	Christia N. Tangin	Ma. Fe Decatoria	S-PS-I-3	Science and Technology Education Center	Lapu-lapu City

APPLIED/PHYSICAL SCIENCE TEAM – SECONDARY

	Title of Investigation	Researcher	Adviser	Code	School	Division
FIRST PLACE	Conversion of Sound Energy to Electrical Energy Year II	Joyce Jorolan Agot Pamela Jude M. Gonzales John Glen A. Oliamot	Mary Anne D. Bacalso	S-PS-T-6	Cebu City NSHS	Cebu City
SECOND PLACE	Tree Sorrel's (Averrhoa bilimbi) Fruit Extract as an Alternative Wet Battery Fluid	Vhanne Brian Villaso Zenden Josh Caparoso Reinzo Cosep	Glendale Niadas	S-PS-T-7	Talisay City Science HS	Talisay City
THIRD PLACE	Low-Cost Triboelectric Nanogenerator From Cardboard, Pencil, Teflon Tape and Aluminum Foil As Robust Energy Harvester	Normina Christie E Sosoan Sachary Von P. Sarabosing Cherimae L. Pino	Jessa Mae Asucan	S-PS-T-4	Ubay Science NHS	Bohol

ROBOTICS AND INTELLIGENT MACHINES - INDIVIDUAL

	Title of Investigation	Researcher	Adviser	Code	School	Division
FIRST PLACE	Drainage Management System Using Ultrasonic Sensors	Danielle Marie T. Amores	Jonathan Cartilla	RIM-I-1	Science and Technology Education Center	Lapu-lapu City

ROBOTICS AND INTELLIGENT MACHINES - TEAM

	Title of Investigation	Researcher	Adviser	Code	School	Division
FIRST PLACE	Prototype SO ₂ Alarm System Using EV3	Elysa M. Apas Ian Kenneth A. Buca Erwin B. Pia	Sophia Marie M. Villacencio	RIM-T-1	Naga NHS	City of Naga

ROBOT GAMES

LINE TRACINGBOT CATEGORY

	Learners	Coach	Code	School	Division
FIRST PLACE	Trisha Nicole Alejandro Bredgit Dian Pantoja	Gakacito Camaongay Jr.	RG-L-1	Smartkidz	Danao City
SECOND PLACE	Kyle Manayon Mary Trixia Baynosa	Jonathan Cartilla	RG-L-19	Science and Technology Education Center	Lapu-lapu City
THIRD PLACE	Abegail L. Viño Angela Mae Torres	Jonela Lusuegro	RG-L-10	Pajo NHS	Lapu-lapu City

SUMOBOT CATEGORY

	Learners	Coach	Code	School	Division
FIRST PLACE	Carl Enrick C. Abarquez Kayla Audrey	Jonathan Cartilla	RG-S-10	Science and Technology Education Center	Lapu-lapu City
SECOND PLACE	Julito Paquit Niño Dublin	Shiela May S. Alfomon	RG-S-6	Don Emilio Canonigo MNHS	City of Naga
THIRD PLACE	Jericho Dennis Lipura Harly Jay D. Pacres	Nicanor Balwit Jr.	RG-S-4	Naga NHS	City of Naga
THIRD PLACE	Philline Isabel Pasaol Johanness Ramoneda	Danilo Nunez	RG-S-2	RMDSF-STEC	Danao City

SCIENCE INTERVENTION MATERIAL (SIM)

ELEMENTARY

	Title	Teacher	Code	School	Division
FIRST PLACE	Attract Me!	Judy Mae B. Bantilan	E-SIM-2	Lo-ok ES	Lapu-lapu City
SECOND PLACE	The Amazing Link	Jeanah D. Borgonia	E-SIM-7	North CCS	Toledo City
THIRD PLACE	Chain of Life	Ginno Val P. Dosdos	E-SIM-6	Opao ES	Mandaue City

SECONDARY


	Title	Teacher	Code	School	Division
FIRST PLACE	With Great Power Comes Great Work and Energy	Carolyn T. Relacion	S-SIM-3	Abellana NS	Cebu City
SECOND PLACE	A Simplified Explanation of Newton's Laws of Motion	Marjun G. Balatero	S-SIM-1	Dagohoy NHS	Bohol
THIRD PLACE	Photosynthesis: A Life Sustaining Process	Myrah Lou U. Redoblado	S-SIM-5	Ocaña NHS	Carcar City

OVERALL DIVISION AWARDS

AWARD	SCHOOLS' DIVISION
Champion	Cebu City
2 nd Place	Lapu-lapu City
3 rd Place	Bohol

2. First place winning researches in the Research Competition (Science Investigatory Project) for the Secondary Level shall be submitted as Regional Entries to the National Science and Technology Fair (NSTF) for further validation, review and deliberation by the National Scientific Review Committee to determine the National Qualifiers. Likewise, first place winners in the Robot Games shall represent the Region to the NSTF.

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


JULIET A. JERUTA, Ph.D., CESO V
 Director III
 OIC, Office of the Regional Director