



November 8, 2019



DIVISION MEMORANDUM

No. 768, s. 2019

RESULTS OF THE SCIENTIFIC REVIEW COMMITTEE (SRC) SCREENING OF THE SCIENCE INVESTIGATORY PROJECTS AND QUALIFIERS FOR THE REGIONAL SCIENCE AND TECHNOLOGY FAIR FOR SCHOOL YEAR 2019-2020

TO : Assistant Schools Division Superintendents
Chief, CID & SGOD
Division Education Program Supervisors
Public Schools District Supervisors/District in Charge
School Heads of Public and Private High School & Elementary
Concern Teachers/Coaches and Student Winners

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1. This Office announces the Results of the **Scientific Review Committee (SRC) Screening of the Science Investigatory Projects and Qualifiers for the Regional Science and Technology Fair for School Year 2019-2020** as pronounced in Regional Memorandum No. 0609 dated November 7, 2019.
 2. For further details please refer to the attached Memorandum.
 3. District Supervisors/District In-Charge and School Heads of Secondary and Elementary Schools are requested to disseminate this information to all concerned teachers and students.
 4. For compliance and widest dissemination.


SENEN P. PAULIN, CESO V
Schools Division Superintendent


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Republic of the Philippines
Department of Education
CENTRAL VISAYAS REGION

Office of the Regional Director

NOV 07 2019

REGIONAL MEMORANDUM
No. 0609, s. 2019

**RESULTS OF THE SCIENTIFIC REVIEW COMMITTEE (SRC) SCREENING OF THE
SCIENCE INVESTIGATORY PROJECTS AND QUALIFIERS FOR THE REGIONAL
SCIENCE AND TECHNOLOGY FAIR FOR SCHOOL YEAR 2019-2020**

To: Schools Division Superintendents

1. This Office, through the Curriculum and Learning Management Division (CLMD), announces the Results of the Scientific Review Committee (SRC) Screening of the Science Investigatory Projects and Qualifiers for the Regional Science and Technology Fair for School Year 2019-2020 on November 13-15, 2019 at the DepEd-Ecotech Center, Sudlon, Lahug, Cebu City.
2. Participants for the Science Innovation Expo, Science Quiz, Robot Games and Science Intervention Material (SIM) Making shall automatically advance to the RSTF.
3. The Division Science Supervisors and the other members of the Technical Working Group (TWG) are requested to report on Day 0 (November 13, 2019-1:00 PM) at the venue for the final briefing and preparation of the said event.
4. Each Schools Division is allowed to send a maximum of two (2) observers for the RSTF.
5. Immediate dissemination of, and compliance with this Memorandum is directed.

SALUSTIANO T. JIMENEZ, Ed D, JD, CESO V
Assistant Regional Director
Officer-in-Charge
Office of the Regional Director

CLMD
STJ/CAE/MJCD/can

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LIFE SCIENCE INDIVIDUAL -ELEMENTARY

CODE	TITLE OF PROJECTS/RESEARCHES	RESEARCHER	ADVISER	SCHOOL
4-LS-I-NAGA-ELEM	Larvicidal Activity of Sampalak (Tamarindus indica) Leaves Extract Against Mosquito Larvae	Centiles, Jannea Frances	Ochigue, Merjorie C.	Lenglad Elementary School
6-LS-I-BOHOL-ELEM	The Effects of Swietenia macrophylla Extract to Mosquitoes	Grenados, Jehn Friedrich Nicholas M	Abucajo, Arlie Q.	Garcia Hamandez ES-Garcia Hernandez
7-LS-I-GUIHULNGAN-ELEM	Effectiveness of Cosmos (cosmos bipinnatus) Leaves Extract As An Organic Pesticide Spray on Eggplants (solanum melongena)	Omboy, Princess L.	Bulgado, Jeans Rose F.	Talote ES
8-LS-I-LAPU-LAPU-ELEM	Cockroach (Periplaneta Americana) Killer Extract from Penkan (Citrus Paonensis) Peel and Chili Powder	Gale, Kean Yechiel D.	Pastreno, Rubilyn	STEC-ES
10-LS-I-SOGO-ELEM	The Effect of Marabitos (Andrographia paniculata) Leaves Extract on Mosquito Larvae	Huyo-s, Thirdy	Compenien, Jennifer V.	Don Pedro ES
13-LS-I-TAGBILARAN-ELEM	Mosquito (culicidae) Larvicide Potential Of Tangen-tangan (Ricinus communis Linn) Leaf Stalk Decoction	Dolegan, Giovanna Ras S.	Savior, Mary Ann F.	Tagbilaran City Central School SPED Center
14-LS-I-MANDAUE-ELEM	Long Way of Inhibiting Lokaten (Musa acuminata) Banana using Garlic (Allium sativum) and Lamem Grass (Cymbopogon citratus) Extract	Genayas, Ciara Jean	Honofada, Arnel	Cabancatan 1 Elementary School
15-LS-I-CARCAR-ELEM	Insecticidal Activity Of Makebutay (Tinospora rumphii) Ethanol Extract as Applied To Armyworms (Mythimna unipuncta)	Mangyao, RJ R.	Celinawan, Shajane S.	Kalengyawon ES
19-LS-I-TOLEDO-ELEM	The Effectiveness Of Makehiya Plant (Mimosa pudica Linn) Extract as an Alternative Mosquito Larvicide	Sarioga, Khazie Rose T.	Panterial, Angieles R.	Pandagbato ES
18-LS-I-CEBU CITY-ELEM	Inhibitory Effects Of Chamaelea Odorata (Hegonoy) Leaf Extract Against Gram-positive and Gram-negative bacilli	Cienfuegos, Denesse Hinamari	Uy, Anelyn B.	Lahug ES
19-LS-I-DUHAGUETE-ELEM	Madra Da Ceceo (Glyricidia Sepium) Extract as Larvicide for the Control of the Mosquito (Aedes aegypti/albopictus)	Vicora, Aquilienne Claire J.	Hedraqua, Emily	WC Sol ES

LIFE SCIENCE TEAM-ELEMENTARY

CODE	TITLE OF PROJECTS/RESEARCHES	RESEARCHER	ADVISER/COACH	SCHOOL
1-LS-T-BAYAWAN-ELEM	Growth and Yield of Pepper (<i>Capaicum annum</i>) Using Different Types of Fertilizers in Sandy Soil	Fiardeliz, Hazel A. Viliemil, Charles Nover Eforamo, Kristan Rhic M.	Jamedron, Helen E.	Bayawan City East Central School
2-LS-T-SIQUJOR-ELEM	TG: A Squash Fertilizer	Ocay, Marianne Lea D. Necio, Scarlett Dawn O. Cacajejo, Aelze O.	Ligutom, Abner	San Juan IS
6-LS-T-BOHOL-ELEM	LaGe Cockroach Spray	Jasol, Windelyn Tasario, Gheafel Mag-usara, Francheeka	Pobladar, Rosie	Calapa CES
7-LS-T-GUIHULNGAN-ELEM	Cymbodogon Citratus Planta as Mosquito Repellent	Losanoy, Princess AJ E. Oliveros, Jenny C. Tajal, James T.	Gabuya, Cora P.	Filomina T. Aranas Mam. Elementary School
10-LS-T-BOGO-ELEM	The Efficacy of Chili Pepper (<i>capsicum annum</i>) and Naam Leaves (<i>Azadirachta indica</i>) Extract Against Weaver Ants	Eleguin, Faith T. Minguez, Jazzy Marie O. Candor, Seanne Rose L.	Picar, Vicenta	City of Bogo Science and Arts Academy
12-LS-T-CEBU PROV-ELEM	Paper Vermicast: The Effectiveness Of Paper Wormcast Using <i>Eisenia fetida</i> (red wigglers) in Preparing Plant - Viable Soil From Waste Paper	Macasero, Marco A. Galang, Zhyreen B. Velez, Nebuchadnezar M.	Revolesado, Marlows	Minglanilla SSES
15-LS-T-CARCAR-ELEM	Mortality Rate Of Makabuhay Stem (<i>Tinospora rumphil</i>) Stock Solution Against Armyworms (<i>Mythimna Unipuncta</i>)	Nava, Angel Raza S. Nava, Jahn Gabriele S. Menguiran, Joshua G.	Callawan, Shajane B.	Kalangyawon IS
16-LS-T-TOLEDO-ELEM	The Efficacy Of Neem (<i>Azadirachta indica</i>) and Aloe Vera Leaves (<i>Aloe barbadensis</i>) Extract As Termite Killer	Rabanes, Jaah D. Dolino, Charissa P. Balamban, Jj S.	Rabanes, Rovilla D.	Gen. Pdel Razaño ES
18-LS-T-CEBU CITY-ELEM	Antifungal and Antibacterial Properties Of <i>Sasilla alba</i> (Alugbati) Plant Ethanollic Extract Against <i>Staphylococcus aureus</i> and <i>candida albicans</i>	Manliguez, Brandon Paul D. Manzanedes, Earl June Luke Vilarete, Tani Reese Leigh C.	Uy, Anselyn B.	Lahug ES
19-LS-T-DUMAGUETE-ELEM	The Effectiveness of Bay Leaf (<i>Laurus Nobilis</i>) Extract as Termitecid	Aplacadar, Gerard S. Oira, Endric A. Hachero, Triatan James R.	Caco, Geraldine	WC Sci ES

LIFE SCIENCE INDIVIDUAL -SECONDARY

CODE	TITLE OF PROJECTS	RESEARCHER	ADVISER	SCHOOL
1-LS-I-BAYAWAN-SEC	Comparative Study on Vermicast with Carbonized Rice Hull, Rapid Compost, Saba Banana (<i>Musa Acuminata x balbaniensis</i>) Compost and Inorganic Fertilizer to the Growth of Lettuce (<i>Lactuca sativa</i>)	Montecino, Jazyl Marie T.	Herrera, Alfie T.	Baysan City Science and Technology Education Center
2-LS-I-SIQUIJOR-SEC	Bokashi	Del Mar, Rio	Deug-Quidlat, Izuel	Siquijor Provincial SHS
3-LS-I-BAIS-SEC	Antimicrobial Property of Snake Plant (<i>Bansaviera trifasciata</i>) in Inhibiting <i>E. Coli</i> (<i>Escherichia Coli</i>)	Baldomar, Ma Nifa C.	Suminguit, Jonna Fe T.	Bais City National High School
4-LS-I-NAGA-SEC	Phytochemical Screening and Antifungal Activity of Ipi-Ipi (<i>Leucaena Leucocephala</i>) Leaf Extract Against Pathogenic Yeasts (<i>Candida albicans</i>)	Cantina, Earla Mhae B.	Dacalos, John Ryan S.	Naga NHS
7-LS-I-GUIMULANGAN-SEC	Home-Based Plotted Plantation Of Sweet Corn (<i>Zea mays L.</i>) Crops Used As Silage Production For Goats	Torne, Elouisse Jasmine T.	Malabay, Anacleto C.	GNHS-P (SSC)
8-LS-I-LAPU-LAPU-SEC	Phytochemical Screening, Antibacterial Activity and Characterization of Green Synthesized silver Nanoparticles with 'Lato' Sapgrapes (<i>Coulatpa lanthiflora</i>) Extract	Puivara, Eustio Vincent	Acar, Bryant C.	STEC-SHS
9-LS-I-NEG OR-SEC	The Use of Spange Gourd (<i>Luffa Aegyptiaca</i>), Cacanut (<i>Cocos Nucifera</i>) and Chili Peppers (<i>Capsicum Annuum</i>) as Alternative Organic Feeds	Cadalso, Trisha Blaire	Abueva, Angelyn P.	Mabinay Science High School
10-LS-I-BOGO-SEC	Anthemintic Activity of Iba (<i>Averrhoa bilimbi</i>) Leaf Extracts on African Night Crawlers (<i>Eudrius eugeniae</i>)	Navarro, Chrisanta M.	Dabucci, Mariela	City of Bogo Science and Arts Academy SHS
12-LS-I-CESU PRGV-SEC	Toxicity and Anti-Mitotic Assessment Of <i>Leucaena Leucocephala</i> (Batilla) Leaf Extract Using Brine Shrimp Lethality and <i>Tripanestes Gratilla</i> (Sea Urchin) Assays	Villa, Jonnavie J.	Arcilla, Merites	Compostale NHS
13-LS-I-TAGBILARAN-SEC	A Comparative Study Between The Efficacy Of Insulin Plant (<i>Costus igneus</i>), Ashitaba (<i>Angelica keiskei</i>) and Tarragon (<i>Artamata dracunculua</i>) Leaf Extracts As An Antibacterial Against <i>Staphylococcus aureus</i> and <i>Escherichia coli</i>	Jumawid, Nina Amethyst	Arbuysa, Hermilo Jr.	Bohol Wisdom School
15-LS-I-CARCAR-BEC	The Larvicidal Activity Of Indian Squid (<i>Uroteuthis duvauceli</i>) Ink On Yellow Fever Mosquito (<i>Aedes aegypti</i>) Larvae	Suico, Fave Guelbert R.	Garzo, Lario A.	Ocala National High School

16-LS-I-TOLEDO-SEC	Anti-bacterial Activity of Dumb Cane Leaves (<i>Dieffenbachia seguine</i>) Extract on <i>Escherichia coli</i>	De Gracie, Kyia Mae C.	Imo, Sarah Jane A.	Toledo City SHS
18-LS-I-CEBU CITY-SEC	Antiproliferative Activity of <i>Ficus septica</i> (Lagnob) Stem Ethanollic Extract Using <i>Saccharomyces Cerevisiae</i> As Model Organism	Uy, Josh Onelle	Lechido, Iza Marie Victoria	CCNSHS
19A-LS-I-DUMAGUETE-SEC	Comperative Study of Mango Plants (<i>Mangifera indica</i>) Peelings and Jackfruit (<i>Artocarpus Heterophyllus</i>) rinds and rags es on Organic Fertilizer for Pechay (<i>Brassica rapa subsp. Chinensis</i>) Plant	Tubog, Mary Frances Angeliana	Dullin, Antonis	JNHS
19B-LS-I-DUMAGUETE-SEC	The Anti-diabetic Assay <i>Lanzonia</i> (<i>Lensium Parasiticum</i>) Leaves On Diabetic Mice (<i>Mus Musculus</i>)	Gauden, Giselle Guenter	Oire, Ferrera	RTPM-Dumaguete Science High School

LIFE SCIENCE TEAM -SECONDARY

CODE	TITLE OF PROJECTS/RESEARCHES	RESEARCHER	ADVISER	SCHOOL
1-LS-T-BAYAWAN-SEC	Antimicrobial Efficacy of Pau-paukan (<i>Hoya imbricata</i>) against <i>Staphylococcus</i> sp. and <i>Bacillus clausii</i>	Bayno, Caran Joy Portallo, Ritchemaa Salibio, Kaymilla dei Maria	Leron, Rocalla V.	Bayawan National High School-SHS
2-LS-T-SIQUIJOR-SEC	Guavera: Anti-angiogenic Potential Using Chick Chorioallantoic Membrana (CAM) Assay	Nianisan, Pracious Reuban Lubguban, Kit Roger Ten, Kenyan Luka Fit	Bautista, Lenilia	Siquijor Provincial SHS
4-LS-T-NAGA-SEC	Antibacterial Assessment of the Ethanolic Extracts of "Parang-parang" (<i>Hydropuntia aucheumatoides</i>) Against <i>Staphylococcus aureus</i> and <i>Escherichia coli</i>	Fernandez, Magi Ruth C. Sepria, Yzabela Reign R. Maniangit, Shanna Eitha B.	Villacencio, Sophia Marie M.	Naga NHS
6-LS-T-BOHOL-SEC	Alconena Feeds	Bayron, Aljun Auguis, Kethryn Barnados, Catherine	Gamayot, Nelpa	Dusita NHS-Siarre Bullonas
7-LS-T-GUIHULNGAN-SEC	Freshwater snail (<i>Pomacea Maculata</i>) as Mosquito Larvae Terminator	Mogelio, Ayanna Nicola Tumangkis, Farnsdo Rabor, Franxane Louisa Q.	Pifonal, Terasita	Guihulngan NHS-Poblacion Guihulngan City
8-LS-T-LAPU-LAPU-SEC	Screening of Bioactive Components, Antioxidant, Antibacterial and Antihypoglycemic Properties of Gaosa Grass (<i>Eleusine indica</i>)	Antasuda, Princess N. Flores, Cristel Niña D. Gungob, Mariello P.	Acar, Bryant C.	STEC-SHS
10-LS-T-BOGO-SEC	Phytochemical Screening and Cyto-Genotoxicity Evaluation of Sangig (<i>Ocimum citriodorum</i>) Extracts: An In Vivo and In Vitro Assay	Cebahug, Daniel Dave C. Ruiz, Sheno C. Tariman, Donna Marie	Ursal, Sheila Mae A.	City of Bogo Science and Arts Academy SHS
12-LS-T-CEBU PROV-SEC	In Vitro Evaluation Of Antimitotic Activity Of Citrus Aurantium L. (Delandian) Leaf Extract Through Sea Urchin (<i>Tripneustes Gratilla</i>) Sio Assay	Fernandez, Chanelyn E. Porias, Eilah Mao N. Tejero, Melissa D.	Jacobe, Sergio III	Compostela NHS

13-LS-T-TAGBILARAN-SEC	The Effectivity Of Coconut Milk (<i>Cocos Nucifera</i>) and Skim Milk As A Saanen Goat Semen Extender At Room Temperature	Rara, Mae B. Echelas, Joshua Daniel, Melchor Meyerick A.	Migrino, Divina B	Tagbilaran City SHS
14-LS-T-MANDAUE-SEC	Proliferation Inhibitory Effects By Allelochemicals of <i>Cyperus rotundus</i> Extracts in Meristematic Cells and <i>Saccharomyces cerevisiae</i>	Vitorillo, Aaron Gabriel Layson, Joseph Adrian Macopie, Frendele Jeze	Bala, Rahel Ann	Mandaue City Science High School
15-LS-T-CARCAR-SEC	Enhancing Ability Of Coconut Water (<i>Cocos Nucifera</i>) On The Priming Germination Of Rice Seeds (<i>Oryza sativa</i>)	Lazaga, Ronielo Jr. A. Beltran, Reian James D. Berazon, Irek B.	Absd, Riza B.	Oceña National High School
16-LS-T-TOLEDO-SEC	Nicotine from Cigarette Butts as a Fertilizer to hasten the Growth of Mangrovs (<i>Rhizophora mangle</i>)	Villa, Anna Marie B. Dalica, Steven Kyle R. Sagmon, Leigh Nicole E.	Nabalitan, Ivy P.	Toledo City SHS
18-LS-T-CEBU CITY-SEC	Watermelon (<i>Citrullus lanatus</i>) Rinds and Seeds as Bio-adsorbant for Lead and Anti-microbial Agent in River Water	Labrador, Pauline Marie John B. Nuevo, Dandy E. Lim, Francis Arnel L.	Becalso, Mery Ann D.	CCNSHS
19A-LS-T-DUMAGUETE-SEC	Peanut (<i>Arachis hypogaea</i>) Shell as an Additive to Commercial Chicken Feeds	Paculanang, Jelmerk Dayeg, Nicole Taub, Maricar	Gomez, John Anthon	Plepi High School
19B-LS-T-DUMAGUETE-SEC	The Antimicrobial and Cytotoxicity Of Sea Urchin (<i>Echinothrix diadema</i>) <i>Escherichia coli</i> and <i>Bacillus cereus</i>	Aday, Chriely Ebeo, Nicole Pinanansang, Ela Marie	Oira, Ferrera	RTPM-Dumaguete City Science High School

PHYSICAL SCIENCE INDIVIDUAL -ELEMENTARY

CODE	TITLE OF PROJECTS/RESEARCHES	RESEARCHER	ADVISER	SCHOOL
1-PS-I-BAYAWAN-ELEM	Jacfruit (Artocarpus Heterophyllus) Leaves and Recycled Papers as Charcoal Briquettes	Magtolis, Allah Shayne G.	Fernandez, Michalis	Bayawan City and Technology Center-Elementary
3-PS-I-BAIS-ELEM	An Analysis of the Effectiveness of Homemade Powder Laundry Detergent Using Baking Soda (Sodium hydrogen carbonate) and Lemon (Citrus x limon) In Removing Various Stains	Obligar, Elich Jeen P.	Cetacutan, Jossite A.	Bais City Special Science Elementary School
6-PS-I-BOHOL-ELEM	Paper Briquettes As An Alternative Fuel Source	Logronio, Joannah Karen Mae	Neidoza, Ma. Roselle	Gercie Hernandez CES-Garcia Hernandez
7-PS-I-GUIHULNGAN-ELEM	Efficacy of Spondias Purpurea Extract as an Alternative Battery to Power Up a Led Bulb	Mingay, Krishe Kata S.	Talisayan, Adaline M.	Bsaak ES
8-PS-I-LAPU-LAPU-ELEM	Dried Leaves as Eco-friendly Fuel Briquettes	Gaita, Reese Henn C.	Pastrano, Rubilyn C.	STEC-ES
9-PS-I-NEG OR-ELEM	Plastro an All-purpose Bin	Perales, Lanzaiah T.	Cabio, Fe T.	Nazario Tale Memorial ES
10-PS-I-BOGO-ELEM	Powdered Oyster (Crassostea Virginica) Shells as a Potential Additive of Hollow Blocks	Tipontipon, Glynnis Heart T.	Rays, Sheryl Mae	City of Bogo Science and Arts Academy
12-PS-I-CEBU PROV-ELEM	Solar Water Purifier Addressing Potable Water Scarcity	Labra, Paul Adrien P.	Tangayan, Juneia M.	St. Cecilia's College
14-PS-I-MANDAUE-ELEM	Mechanical Supercapacitor-Powered Joule Thief Light	Telamo, Mary Joy	Dosdos, Ginno Val P.	Opso Elementary School
15-PS-I-CARCAR-ELEM	The Effect Of Dissolved Sodium Chloride (NaCl) and Calcium Hypochlorite Ca (ClO)2 Mixture on Subterranean Termites	Rafols, Jarmaine Denise T.	Telidus, Miralyn V.	Liburon ES
16-PS-I-TOLEDO-ELEM	Arduino-Based Vibration Sensor	Cabiges, Hsnameel Benison P.	Abella, Arlene	North City Central School
18-PS-I-CEBU CITY-ELEM	Zea mays Corn Husk as Potential Component for Paper Making	Pelayo, Renz Jae C.	Cantila, Evelyn M.	Lshug ES
19-PS-I-DUMAGUETE-ELEM	Tucadust: An Indigenous Cork Board	Concannon, Zabrina Khisa J.	Duran, Lailibath	WCECLC

PHYSICAL SCIENCE TEAM -ELEMENTARY

CODE	TITLE OF PROJECTS/RESEARCHES	RESEARCHER	ADVISER	SCHOOL
1-PS-T-BAYAWAN-ELEM	Hagony (<i>Chromolaena odorata</i>) leaves and Cerabao Grass (<i>Paepalum conjugatum</i>) as Materials for Paper Production	Arroyo, Avril Geanne S. Balagtas, Roy Vi Cytalka C. Carreon, Ma. Brianna Ysabel G.	Fernandez, Michelle	Bayawan City Science and Technology Education Center-Elementary
3-PS-T-BAIS-ELEM	Cardboard Made Out of Jackfruit (<i>Artocarpus heterophyllus</i>) Peeling as Alternative to the Commercial Cardboard	Utiang, James izhar Paul J. Pileo, Carmela Victoria A. Turtal, Hireh Ulah Santine	Catacutan, Josette A.	Bais City Special Science Elementary School
6-PS-T-BOHOL-ELEM	Feasibility of Non-Biodegradable Plastic as an Alternative for Sand in Making Concrete Hollow Block	Pacot, Levia Jane Litas, Shierel Mae Corsiga, Emielle George	Timen, Rosemaris	Tubigon, West ES-Tubigon West
8-PS-T-LAPU-LAPU-ELEM	The Efficacy of Naoie Stick Buster Against <i>Aedis aegypti</i>	Malingin, Mary Catherine P. Tumulak, Valeri D. Boniel, Ashley L.	Deloria, Maria Theresa	Bankai ES
9-PS-T-NEG OR-ELEM. B	eCo Paper: Commercially usable paper from recycled waste paper	Badon, Francis Don Amores, Laira Cassiel S. Sabello, Chaira Lynne P.	Balesabas, Rosevilia	Manelongon Nodias N. Lajot CS
10-PS-T-BOGO-ELEM	The Effect of Coconut Oil as an Additive in Making Cornstarch-based Bioplastic	Ornendam, Euniq C. Ollarnot, Asheer B. Carabelle, Divine Graca S.	Pehulayan, Blessuren M.	Bogo Central School II
11-PS-T-TANJAY-ELEM	Portable Folded Mosquito Net Out of Aluminum Tube	Tanutan, Angel Julia T. Barot, Caroline A. Lopez, Tamikah Ella R.	Torres, Grace C.	Special Science Elementary School

12-PS-T-CEBU PROV-ELEM	Wireless Power Transmission for Post-Disaster Applications	Quinio, Emmanuel James Gomsz, Clyde Orville De Asis, Nikka Angela Y.	Plaridan, Almida Borres, Virginia	St. Cecilia's College, Minglanilla
14-PS-T-MANDAUE-ELEM	The Effectiveness of Organo Clay in Separating Waste Oil from Seawater	Fernandez, Daniska Maxine L. Aoyama, Saina Bdayos, Mechaala	Padiia, Gina	Subangdaku Elementary School
15-PS-T-CARCAR-ELEM	The Rippening Effects of Coconut Palm Frond (Cocos Nucifera) Wood Ash, Madre De Cacao (Gliricidia Sapium) Leaves, Carbura (Calcium Carbide) Against Cardava Banana (Musa Acuminata x Balbisiana)	Diaz, Marianne May F. Chavez, Kiesha fae F. Pelonio, Kirk M.	Fantonai, Sheila M.	Ocaña National High School
16-PS-T-TOLEDO-ELEM	The Effectiveness of Starches from Sweet Potato and Potato as Main Components of Bioplastics	Japinan, Ayennese B. Abaquita, Marie R. Antoque, Natalie G.	Villareal, Nympha	Carmen ES
18-PS-T-CEBU CITY-ELEM	The Feasibility of Non-Biodegradable Plastic Wrappers	Salimbot, Shahara Pobadora, Rizalyn Gabia, Jamaica	Diapana, Josephine B.	Lehug ES
19-PS-T-DUMAGUETE-ELEM	Cork Husk into Natural Organic paper for Arts and Crafts	Baldado, Kathieen B. Duheylungsod, Trinity Mae A. Oracion, Frenchezka Angela L.	Duran, Lisbeth	WCECLC

PHYSICAL SCIENCE INDIVIDUAL -SECONDARY

CODE	TITLE OF PROJECTS/RESEARCHES	RESEARCHER	ADVISER	SCHOOL
1-PS-I-BAYAWAN-SEC	Nitrogen (N) and Phosphorus (P) Content of Superworm (<i>Zophobes morio</i>) Frass with the Biodegradation of Polyethylene, Polystyrene and Cabbage (<i>Brassica oleracea</i> var <i>Capitata</i>)	Jamendron, Kathlene Fe E.	Taimo, Ksran Mae	Bayawan City Science and Technology Education Center
2-PS-I-SIQUIJOR-SEC	HAGUANA EXTRACT as Green Corrosion inhibitor for Mild Steel in Sulfuric Acid	Apiag, Raiza Myrrh	Bautista, Lanielle	Siquijor Provincial SHS
3-PS-I-BAIS-SEC	Eggshells as Additive for Bioplastic	Lardeus, Luks Evan P.	Jamito, Germeio A.	Bais City National Science High School
4-PS-I-NAGA-SEC	Wastewater as Food Source of Microbial Fuel Cell in Producing Bioelectricity	Melancolico, Khem Brayan	Arriaga, Ma. Teresa A.	Uling NHS
5-PS-I-DANAO-SEC	Crushed Common Cockle Clam Shells (<i>Cerastoderma edule</i>) as an Additive Hollow Blocks	Cerna, Crissan Kim	Parawan, Ligsya	RMDSF-STECS
6-PS-I-BOHOL-SEC	Terminella Catappa Nut Extracts: Novel Ingredient in Making Student-Friendly Shoe Polish	Hoylar, Glydyn Clairea	Achacoso, Daileen	Alicis TVHS
7-PS-I-GUIHULNGAN-SEC	Effectiveness of Malina (<i>Gmelina Arborea</i>) Leaves Extract as a Mosquito Larvae Killer	Barangbarang, Jaisika	Rebusquillo, Lorana	Guihulngan NHS-Hilaitan
8-PS-I-LAPU-LAPU-SEC	The Efficacy of Milkfish (<i>Chanos chanos</i>) scales and rice (<i>Oryza sativa</i>) husks in Adsorption of Fa^{3+} ions in Aqueous Solution	Eyas, Marc Enric	Dolera, Reyna Mae	STECS-JHS
9-PS-I-NEG OR-SEC	Shredded Plastics in Concrete Blocks	Bitanga, Cheici Mari	Pasajungue, Florentina	Negros Oriental High School
10-PS-I-BOGO-SEC	Utilization of Physical Pressure of Human Steps in a Mat as a Potential Source of Electricity Using Piezoelectric Device	Orcullo, Isaac Joey	Oling, Algen A.	City of Bogo Science and Arts Academy
12-PS-I-CEBU PROV-SEC	Hydrophilic to Hydrophobic Characterization of Cabu Maguay (<i>Agave Cantele</i>) Fiber and its Potential as an Alternative Solution to Oil Spill	Manigos, Aquile P.	Baguio, Martin W.	Minglanilla Science HS

13-PS-I-TAGBILARAN-SEC	A Comparative Study on the Effectiveness of Bahs-Baho (Lantens camara) Leaf Extract and Utot-Utot (Passiflora foetida) Leaf Extract Against the Brontispa longissima in Coconut (Cocos nucifera)	Guilitan, Arianne Antonette	Arbuyes Jr., Hermilo	Bohol Wisdom School
14-PS-I-MANDAUE-SEC	Potential of The Synthesis of Copper Metal Catalyst Supported By N-Doped Carbon Nanotube For Electrochemical Reduction of CO ₂	Guinocor, Kate P.	Gomez, Jenny Grace	Mandaue City Science HS
15-PS-I-CARCAR-SEC	Photocatalytic Degradation of 4-Np by Iodine Pentafluoride	Alegarbes, Francis Demetri D.	Wasawas, Vladimir C.	Ocaña National High School
16-PS-I-TDLEDO-SEC	Step Energy Platform: Harnessing Power from Human Steps	Yntig, Expeditus A.	Tesorio, Patrick James C.	Toledo City SHS
18-PS-I-CEBU CITY-SEC	Portable Emergency Inverter Changing Module for Bulbs and Cell phone Charger	Bugtong, Francis Jay S.	Bugtong, Jason R.	Lahug Night HS
19A-PS-I-DUMAGUETE-SEC	The Use of Peanut (Arachis hypogaea L.) Hulls and Used Intermedista Paper as an Alternative Pushpin Board	Semilano, Rose Lyn	Dullin, Antonia	Junob National High School
19B-PS-I-DUMAGUETE-SEC	POCA (Plastic to Oil) Converting Apparatus	Tilos, Kristine Mae	Gemora, Yvette	RTPM-Dumaguete Science High School

PHYSICAL SCIENCE TEAM -SECONDARY

CODE	TITLE OF PROJECTS/RESEARCHES	RESEARCHER	ADVISER	SCHOOL
1-PS-T-BAYAWAN-SEC	Development of Bioplastic using Green Tarantula Weed (Acrosiphonia sp.) and Sea Lettuce (Ulva sp.) from derived starch polyaaccharide	Kevinlee M. Buenavista Albert M. Davia Melvie S. Seveilljo	Princeas Annaiou T. Ocafe	Bayawan National High School
2-PS-T-SIQUIJOR-SEC	Young's Modulus of Elasticity of Different Wood Samples in Siquijor Province Using Locally-made Apparatus	Lyzeile Marie Omictin Tyler Christien Opo Margerette Novem Peulin	Lanille Bautista	Siquijor Provincial SHS
3-PS-T-BAIS-SEC	The Development of Paper from Taro Stem	Jiname A. Ajoc Mary Lovely A. Gonzaga Berlowe D. Nicor	Carmelo A. Jamito	Bala City National Science High School
4-PS-T-NAGA-SEC	Utilizing Lignocellulosa from Aratiles(Muntinga calabura) in Making Paper	Angela V. Arenas Brent Sam Philip B. Engbino Gailie Ashanti S. Florde	John Ryan S. Decalos	Naga NHS
5-PS-T-DANAOS-SEC	Bioremediation of Contaminated Cadmium in Water Using Microbial Biofilms from Green Algae (Chlorophyta)	Cheryl Mondejar Eryl Guia Theryz Valdez Kiara Cheinne Castro	Nenianeth Barriga	RMDSF-SEC
6-PS-T-BOHOL-SEC	Plastics: An Aggregate in Concrete Mixture	Glenn Laborte Ana Veil Orapa Rosa Mae Udohan	Miriam Actub	Sierra Bulonog TVHS-Sierra Bulonog
7-PS-T-GUIHULNGAN-SEC	Synthesization of Napier Grass (Pennisetum purpureum) as an Alternative Pulp Source in Paper Fabrication	Alyona A. Tanoy Laselei Buen E. Buloron Winessa Franz E. Calago	Fely C. Pineda	Guihulngan NHS-Poblacion SHS
8-PS-T-LAPU-LAPU-SEC	Piezoelectric and Solar Panel Nanogenerator Energy Absorbing Sweater	Daniel Kane Iadora A. Mapano Cyrah Marie Fatima Caigas Fevie Meriell Tunacao	Bryant C. Acar	SEC-SHS

9-PS-T-NEG OR-SEC	WiFi Plug: An Easy Way for Home Automation	Tumimbang, Hymar Vann Estoconing, Katrina Namoco, Cyrell	Alam-alam, Mary Joycen	Dauin Science High School
10-PS-T-BOGO-SEC	Comparison of the Biosorption Capacity of <i>Cadema de Amor Antigonon leptopus</i> and Wild Yam <i>Dioscorea villosa</i> against Chromium (VI)	Echavia, Ma. Theresa E. Jayson, Anne Gabrielle B Tibor, Pamela Grace P.	Cauagdan, Joana	City of Bogo Science and Arts Academy SHS
11-PS-T-TANJAY-SEC	Biofuel from <i>Moringa oleifera</i> Seeds Extract as an Additive for Engine Fuel	Gabas, Ferly Anne C. Roque, Azel Mae P. Divinagracia, Der Neath Q.	Carampatan, Gemma	Tanjay City SHS
12-PS-T-CEBU PRDV-SEC	Bioaccumulation of Cadmium (II) ions Using <i>Crassostrea iradatei</i> (Philippine Cupped Oyster) Flesh in Varying Contact Time	Buen, Ely Josh Lacson, Gerry Mie Sabares, Jenny Paarl	Paninsoro, Queen Anne	Consolacion NHS
13-PS-T-TAGBILARAN-SEC	Multistage Water Filtration: Utilizing Banana Peels as Biofilter for Brackishwater Ponds	Quilata, Gebriel Dacia Saturinas, Casey Cassandra Tuba, Jadah Marie	Arbuyes Jr., Hermilo	Bohol Wisdom School
14-PS-T-MANDAUE-SEC	Utilization of Carbonized Rice Husks for the Stabilization of Hazardous Effluents, Chemical and Physical Characteristics in Deep -Well Water Purification	Suliva, John Martin R. Canate, Merry Ross Y. Aiejid, John Lloyd R.	Drcia, Mary Grace P.	Mandaue City Science HS
15-PS-T-CARCAR-SEC	Neutralization of Acidic Soil from Cogon Grass (<i>Imperata cylindrica</i>) Plantation in Perrelos Carcar City, Cebu Using Banana (<i>Musa accuminata x balbisiana</i>) Peels Extract	Salve, Deine April Enriquez, Barnadette Remocado, Mardy Jude	Madrio, Farrah G.	Ocaña National High School
16-PS-T-TOLEDO-SEC	Coir Pith as an Air Sorbent	Eyes, Kent Ryan L. Mijaras, Kenneth Baron T. Mifoza, Janica P.	Ozabel, Meiva IV E.	Toledo City SHS

18-PS-T-CEBU CITY-SEC	Effectiveness of Potassium Aluminum Sulfate as a Component for a Flame Retardant Paint	Entice, Pauline Marie R. Escenilla, Juimmari A. Piiongo, Kiratein Anne D.	Bacalso, Mary Ann D.	CCNSHS
19A-PS-T-DUMAGUETE-SEC	Bisol (<i>Xanthosoma violaceum</i>) and Jackfruit (<i>Artocarpus heterophyllus</i>) Seeds Starch-based Bioplastic as Alternative Packaging	Bendoquillo, Janalls Perez, John Lynx Otores, Dina	Duran, Dorelin	Piepi High School
19B-PS-T-DUMAGUETE-SEC	Generating Electricity with Metallic Roof	Annie Marie Calunod Joshua Faustorilla Paul Henry Poiquit	John Michael Rogelio	RTPM-Dumaguete Science High School

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ROBOTICS AND INTELLIGENT MACHINE INDIVIDUAL -SECONDARY

CODE	TITLE OF PROJECTS	RESEARCHER	ADVISER	SCHOOL
4-RS-I-NAGA-SEC	Arduino-based Waste Collector and Data Analyzer Ocean Bin	Franz Dave P. Alojado	John Ryan S. Dacalos	Naga NHS
5-RS-I-DANAO-SEC	Project AriGroSys: Automated Rice Growing System	Agapito Estrele	Nenieneth Barrigs	RMDSF-STEC
8-RS-I-LAPU-LAPU-SEC. A	AsthmALERT: Portable Asthma Environmental Trigger Detector with SMS Alert System and Inhaler Dispenser	Mary Trixia Elyonne Baynosa	Bryant Acar	STEC-SHS
9-RS-I-NEG OR-SEC	An Improvised Robot Trash Can	Vanjemerl F. Sedillo	Richard D. Gomez	Don Emilio J. Macias Mem. NHS
10-RS-I-BDGD-SEC	Aquamode: An Arduino-based Water Quality Monitoring Device	Teresa Maa G. Orongan	Aigen Oling	City of Bogo Science and Art Academy
12-RS-I-CEBU PRDV-SEC	B.I.N.H.I.: Bin for Integrated Nursery and Hi-Tech Irrigation	Znamya Danisse Villagracia	Jaan P. Alad	Mingtsnilla Science HS
14-RS-I-MANDAUE-SEC	Automated Liquefied Petroleum Gas (LPG) Leakage Alerting and Exhaust Device with Mobile Communications	Eisen Nifo Angelia	Erlinda Parba	Mandaue City SHS
15-RS-I-CARCAR-SEC	DALUBSAKA: Arduino UNO Soil-Moisture-Based Drip Irrigation System	Zak D. Floreta	Farreh G. Madrio	Dceña National High School
18-RS-I-CEBU CITY-SEC	Multi-functional Smart Cane for Visually-Impaired People	Katrina G. Geraldez	Chona Rayes	DVRMNHS
19-RS-I-DUMAGUETE-SEC	Self-Segregating Trash Bin Using Arduino Uno	Nicole Bablare	John Michael Rogelio	RTPM-DSHS

ROBOTICS AND INTELLIGENT MACHINE TEAM -SECONDARY

CODE	TITLE OF PROJECTS/RESEARCHES	RESEARCHER	ADVISER	SCHOOL
1-RS-T-BAYAWAN-SEC	Arduino Powered Internet Garbage Machine	Jezreel Dec B. Lascra John Maynard S. Catacutan Neal Vincent G. Salsdaga	Godfrey Boltiador	Bayawan National High School-SHS
4-RS-T-NAGA-SEC	Solar -Powered Autonomous Water Irrigation and Plant Height Monitoring System	Richelle Lovs Abaps Allyna B. Manatsd Cathrins Ann Pamat	Mergie C. Abrego	City of Naga Center for Science-Technology Culture and Arts
5-RS-T-DANAO-SEC	Project Brschio R2: Autonomous Reuse Clog Collecting Robot	Kim Castro Charles Benedict Durano Carh Francis Fitz Gerald Loyao	Ligaya Parawen	RMDSF-TEC
6-RS-T-BOHOL-SEC	Obstacle Detecter for Visually Impaired Persons using EV3	John Franz Ampo Mary Faith Galarion Paulo Compio	Misael Fetisilda	Guinacot NHS-Guindulman
8-RS-T-LAPU-LAPU-SEC	Project Oculi: Low Cost AI Powered Pre-Diagnostic Virtual Assist Module Medical Eye Scanner	Carl Enrick Abarquez Kyle Aian Manayon	Bryant Acar	STEC-SHS
9-RS-T-NEG OR-SEC	Remote Controlled Machine Cleaner	Kyle Russel L. Waminai Jave S. Tio Daniel N. Klakige	Joan Bubuli	Sumaling High School
10-RS-T-BOGO-SEC	Arduino-Based Fingerprint Home Security System with GSM Module, PIR Sensor and Disaeter Sensor	Rigel L. Baltazar Micksela Urielle V. Dahili Lourdes Il R. Ocaña	Krizzeh Mse Dura	City of Bogo Science and Arts Acedemy
12-RS-T-CEBU PROV-SEC	A Utility Model of Cabinet Door Using Knock Activeted Lock by Arduino Neno	Elishe Jane D. Dinampo Jannien Kyle Belamids Krizia Micheela Laquints	Jane Cedeño	Minglanilla Science HS

13-RS-T-TAGBILARAN-SEC	Automated Water Quality Monitoring System for Brackishwater Ponds Powered by Arduino	Theo Justice Cabahug Emirozz Charlene Labaria Angela Nifa Lim	Hermilo Arbuyes Jr.	Bohol Wisdom School
14-RS-T-MANDAUE-SEC	Solar-Powered Anti-Poaching Device with Global System for Mobila (GSM) Coomunication	Katrina Kaye G. Igot Lloyd Cyrilja A. Jacobe Rey Merc D. Oro	Noelyn Marie P. Navarro	Mandaue City SHS
15-RS-T-CARCAR-SEC	Sea Level Rise Indicator Using Arduino Lino end Ultrasonic Sensor	Faiza P. Amerol Beryl Fiona P. Navarro Justine Nifa Godoy	Retchie C. Castro	Ocaña National High School
18-RS-T-CEBU CITY-SEC	Flood Early Warning System using SMS Notification with Water Flow & Water Level Sensor	Eunaikkah Beatrix P. Lucero Pearl Bea Rojas Marvin D. Sabandal	Chone Reyes	DVRMNHS
19A-RS-T-DUMAGUETE-SEC.	MRT-Controlled Chicken Feeder	Chrys Mark Umbac Mark Nino Lajera	Michael Guiuan	DCHS
19B-RS-T-DUMAGUETE-SEC.	Unmanned Arial Vehicle (UAV) as Geomorphological Mapping for Reconstructing a Digital Photogramatric 3D Model from Geological Structure	Fuebuay Joy Duhaylungsod Julia Cordevilla John Silva	John Micheel Rogelio	RTPM-Dumeguete Science High School