



Republic of the Philippines
DEPARTMENT OF EDUCATION
Region III – Central Luzon
SCHOOLS DIVISION OF SAN JOSE DEL MONTE CITY
San Ignacio St., Poblacion, City of San Jose del Monte 3023



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AUG 28 2018

By: *[Signature]*
Records Unit

Division Memorandum
No. **120** S. 2018

To: Assistant Schools Division Superintendent
Chief Education Supervisor
Education Program Supervisors
Public Schools District Supervisors
Elementary and Secondary School Heads
All others concerned

Division Scientific Review and Evaluation of Investigatory Projects (IPs)

1. This is to announce the conduct of the Division Scientific Review and Evaluation of Investigatory Projects (IPs) on **August 31, 2018** at the Star Mall Events Center 9: 00 A.M. onwards.
2. Abstracts and 3 copies of the project write-ups must first be evaluated by the School Review Committee (SRC) prior to Division Scientific Review and Evaluation.
3. Other required forms following Intel ISEF International Rules must be submitted separately after passing the Division Scientific Review and Evaluation.
4. Project data notebook and profile of research adviser must be submitted also separately after passing the Division Scientific Review and Evaluation.
5. Multimedia (Video/Power point/Prezi) presentation of the investigatory project must be less than 3 minutes to give more time for interview and oral defense.
6. All research proponents must be accompanied by Teacher Adviser.
7. Immediate and wide dissemination of the contents of this Memorandum is highly enjoined.

[Signature]
GERMELINA H. PASCUAL, CESO V
Schools Division Superintendent



LIST OF SCIENCE INVESTIGATORY PROJECTS FOR DIVISION REVIEW AND EVALUATION

NO.	TITLE	PROPONENTS	ADVISER
1	Potential Application of Natural Zeolite as a Fire Retardant Material	Shane Kamyille C. Cos Allyana Marie B. Giggano	Marites T. Hugo
2	The Insecticidal Properties of Oregano (<i>Origanum vulgare</i>) Against Termites (<i>Isoptera</i>)	Jordan B. Capalad Zion Faithmore T. Del Rosario Jhenel Joyce B. Cerbito	Marites T. Hugo
3	Trichoderma harzianum: A Decomposer of Different Synthetic Polymer	Jireh May A. Aque Joyce Anwin C. Sumo John Biato A. Abarca	Marites T. Hugo
4	Okra (<i>Abelmoschus esculentus</i>) fruit: A Bioplastic Substitute for Conventional Plastic	Michigavi B. Arriola Erika E. Ende Raen Ashley DS. Florendo	Marites T. Hugo
5	Exercise: A Way To Generate Electricity	John Heart M. Marcos Erron John S. Jorge Claire Ashley S. Guilalas	Marites T. Hugo
6	Leftover Rice as an Additive Ingredient for Making Biodegradable Plastics	Phoebe Joy B. Parce Shiela May B. Camacho	Raymond T. De Leon
7	Efficacy of Ethanolic Tannic Acid Extract from Orange Peels as an Alternative Rust Converter	Joel Jonathan V. Camero Jr. Kenth Hanielle S. Domondon, Lloyd Aaron A. Castillo	Haydee Liza N. Torres
8	Sansevieria Trifocata (Snake Plant) as Alternative Initiator of Electricity	Lla Cyvill M. Bartolome Ethel Joy L. Lope'Princess Allyssa F. Suzane	Haydee Liza N. Torres
9	A Door Lock that Uses Electromagnet for Home Security Purposes	Heinrich M. Dela Cruz John Edzel T. Cayanan Rafael Justin E. Bulan	Haydee Liza N. Torres
10	Blanket Weed (Spyrogyra) Ethanol Extract as Ultraviolet Radiation Blocking Film	Christian V. Kapangyarihan Lyra Yzabel C. Hernandez Luis Lheslie T. Judilla	Maria Cecilia Valenzuela
11	Lanzones (<i>Lansium domesticum</i>) Peel Extract as an Insect Repellant for Dust Mites (<i>Blomia tropicalis</i>)	Rechemire Caren M. Factao Bernadette S. Ereve Jemima B. Paulino	Maria Cecilia I. Valenzuela
12	Feasibility of Utilized Wasted Cooking Oil as an Alternative Cooking Fuel Resource	Miko L. Santos Diana Elizabeth Alvear Alfie G.C. Pamantian	Haydee Liza N. Torres



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13	Efficacy of Phosphorous in Taro (Colocasia Es Leaves Ashes as Fire Retard and	Jamaika Pascual Yhasmin Cubacub Gaea Ryan Mendoza	Haydee Liza N. Torres
14	American Cocroaches' (Periplaneta Americana)Exoskeleton as Inhibitor of Human Pathogens Escherichia coli and Staphylococcus aureus Growth	Angela Paula E. Malapitan Mia Joy C. Castillo Courtney Love S. dela Cruz	Judy Ann E. Calandog
15	Efficacy of Cabbage (Brassica Oleracea Linn, var. Cpatita) Leaves Fresh extract as an Antibacterial Agent Against Escherichia coli, pseudomonas aeruginosa, Bacillus subtilis and Staphylococcus oreous	Archie R. Bergosa	Maria Cecilia I. Valenzuela
16	Mussaenda philippica (Dona aurora) as Inhibitor of Oxidation	Ronald Claro Claire Angelic G. Leonor Florie Jane L. Rama	Raymond T. De Leon
17	Caimito (Chrysophyllum caimity) Bark as Heaby Metal Absorbent in RiverWater	Jerrusalem M. Aquino Jamvie E. Gallardo Iya Loudes L. Santos	Raymond T. De Leon
18	Sodium Silicate Solution from Rice Hulls As Hydrophobic Coating and Insect Repellant for Wood Materials	Symod Ezral S. Arsolon Mark Daniel L. Porlas Jethro A. Diancin	Raymond T. De Leon
19	Efficacy of Water Hyacinth (Eichhornia crassipes) as an Additive to Wood to Make it Water Repelannt	Rona m. Neira Harcel Joy Siruma Dana Marie Buyo	Raymond T. De Leon
20	Water Hyacith (Eichhornia crassipes) Stalks as Gamma Radiation Shield	Yrich Jese An Barawad Franchesca Arnaiz	Herlita E. Disu
21	Noise Powered Powerbank as an Alternative Source of Electricity	Kathleen Mae Nierva Angelo Estabya	Ma. Carmina L. Nierva
22	The Effectivity of Pineapple Skin Peel (Ananas comosus) as an Alternative Termite Repellant	Maxine Marie Mentay April Rose Quijano	Maria Cecilia I. Valenzuela
23	Optical-Based Biosensor for Eggs' Embryo Development Detection Using ATmega Microcontroller	Fiona N. Escano Pamela B. Maddawin Jhonne S. Oafallas	Bernard C. Dalusong



**LIST OF SCIENCE INVESTIGATORY PROJECTS (IPs) DIVISION
REVIEW AND EVALUATION COMMITTEE**

Esperanza D. Espanola
Education Program Supervisor-I
Chairperson

Evangeline B. Estabaya
HT-III, San Martin National High School
Co-Chair

Teresita A. Gojo Cruz
HT-III, Paradise Farms National High School
Member

Amalia B. Fernandez
T-III, Science Coordinator San Jose Del
Monte National High School
Member