



September 24, 2018

DIVISION MEMORANDUM

No. **147** s. 2018

To: Assistant Schools Division Superintendent
 Division Chiefs
 Education Program Supervisors
 Public Schools District Supervisors
 Elementary and Secondary School Heads
 All Others Concerned

RESULTS OF THE DIVISION SCIENTIFIC REVIEW AND EVALUATION OF INVESTIGATIVE PROJECTS (IPs)

1. This is to announce the qualifiers for the Division Scientific Review and Evaluation of Investigative Projects (IPs) held on August 31, 2018 at Star Mall Events Hall City of San Jose Del Monte, Bulacan.
2. Investigative Project Qualifiers to advance in the Division Science Fair Competition are as follows:

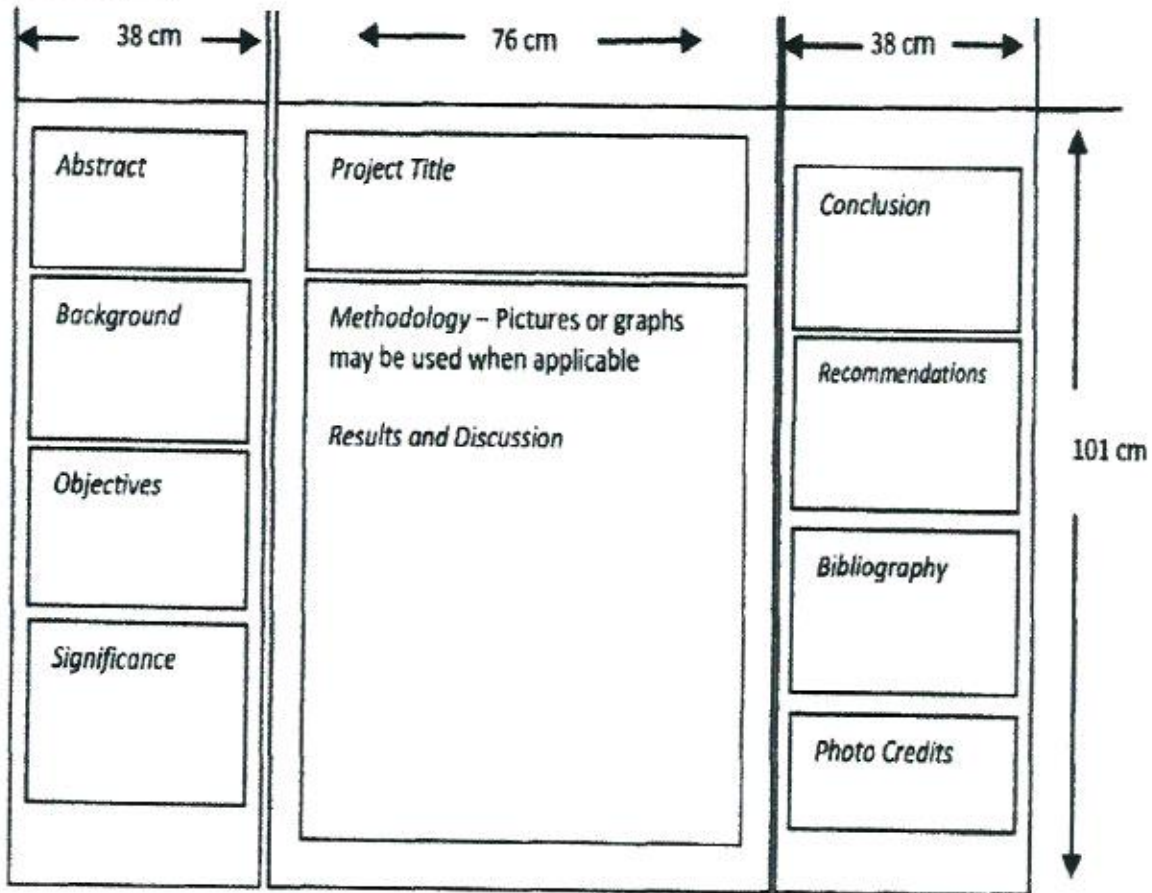
TITLE	PROPONENTS	ADVISER	SCHOOL
<i>Trichoderma harzianum</i> : A Decomposer of Different Synthetic Polymer	Jireh May A. Aque Joyce Anwin C. Sumo John Biato A. Abarca	Marites T. Hugo	CSJDM National Science High School
Okra (<i>Abelmoschus esculentus</i>) fruit: A Bioplastic Substitute for Conventional Plastic	Michigavi B. Arriola Erika E. Ende Raen Ashley DS. Florendo	Marites T. Hugo	CSJDM National Science High School
Exercise: A Way To Generate Electricity	John Heart M. Marcos Erron John S. Jorge Claire Ashley S. Guilalas	Marites T. Hugo	CSJDM National Science High School
Blanket Weed (<i>Spyrogyra</i>) Ethanol Extract as Ultraviolet Radiation Blocking Film	Christian V. Kapangyarihan Lyra Yzabel C. Hernandez Luis Lheslie T. Judilla	Maria Cecilia Valenzuela	Sapang Palay National High School
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	Sapang Palay National High School
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	Sapang Palay National High School

American Coccoaches' (<i>Periplaneta Americana</i>) Exoskeleton as Inhibitor of Human Pathogens <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> Growth	Angela Paula E. Malapitan Mia Joy C. Castillo Courtney Love S. dela Cruz	Judy Ann E. Calandog	Muzon High School
Caimito (<i>Chrysophyllum cainito</i>) Bark as Heavy Metal Absorbent in River Water	Jerrusalem M. Aquino Jamvie E. Gallardo Iya Loudes L. Santos	Raymond T. De Leon	Sapang Palay National High School
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	Sapang Palay National High School
Efficacy of Water Hyacinth (<i>Eichhornia crassipes</i>) as an Additive to Wood to Make it Water Repellant	Rona m. Neira Harcel Joy Siruma Dana Marie Buyo	Raymond T. De Leon	Sapang Palay National High School
Water Hyacinth (<i>Eichhornia crassipes</i>) Stalks as Gamma Radiation Shield	Yrich Jese An Barawad Franchesca Arnaiz	Herlita E. Disu	Tungkong Mangga Elementary School
Noise Powered Powerbank as an Alternative Source of Electricity	Kathleen Mae Nierva Angelo Estabya	Ma. Carmina L. Nierva	Tungkong Mangga Elementary School
Optical-Based Biosensor for Eggs' Embryo Development Detection Using ATmega Microcontroller	Fiona N. Escano Pamela B. Maddawin Jhonne S. Oafallas	Bernard C. Dalusong	San Jose Del Monte National High School
Effectiveness of Using Unripe Papaya Latex, Avocado flesh and seed extract, calamansi essential oil extract and Bees wax as an organic wound ointment	Catherine Almario, Meliza M. Antaran and Mary Ann B. Ignacio	Rissa N. Alovera	San Martin High School

- Abstracts and Four (4) copies of the project write-ups in softbound packaging with clear/transparent hard plastic cover on top and cardboard/half folder at the back with CD pocket for the soft copy in Life Science (Team and Individual) and Physical Science (Team and Individual) must be formally endorsed to the Division Office on or before September 28, 2018.
- Other required forms following Intel ISEF International Rules, Institutional Review Board (IRB) and Scientific Review Committee (SRC) report, Project Data Notebook and Profile of Research Adviser must be separately submitted in a folder for final evaluation on the due date stated above.

5. Investigative Project display on the day of the Science Fair must use only sets of paper or board to summarize the research project and to support the environmental advocacy of the government on the reduction of non-biodegradable and non-recyclable materials.
6. Project Display must present the Abstract, Background, Objectives, Significance, Methodology, Results and Discussion, Conclusion, Bibliography and Photo Credits as shown in the figure below.

The Exhibit



Project Display based on DepEd Memo 134 s. 2018

7. All qualified elementary and high school participants must be accompanied by a teacher/adviser.
8. Signed letter of consent from the parents allowing their children to participate must be presented on the day of the Science Fair.
9. This Office commends all qualifiers.
10. Immediate and wide dissemination of this Memorandum is earnestly desired.

JHPascal
GERMELINA H. PASCUAL, CESO V
 Schools Division Superintendent