



Republic of the Philippines  
**Department of Education**  
REGION X – NORTHERN MINDANAO  
SCHOOLS DIVISION OF EL SALVADOR CITY

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4 July 2022

DIVISION MEMORANDUM  
No. 287, s. 2022

**ANNOUNCEMENT OF RESULT FOR THE  
2022 DIVISION SCIENCE AND TECHNOLOGY FAIR**

To: CID Chief  
Public Secondary School Heads  
Private Secondary School Heads  
Secondary Teachers  
All Other Concerned

1. Relative to Division Memorandum No. 220 s. 2022 re: 2022 Division Science and Technology Fair, this Office announces the result of the 2022 Division Science and Technology Fair.

2. The following are the winners per category.

- a. Siyensikula – an original video creation competition  
Cogon SHS – Enthalpy **John Paul M. Nob**  
Cogon SHS – Parallax **Cyra Jel C. Fuentes**

Coach: **Elerfe Jannine B. Kadile**

- b. #SteMTokperiments – a Tiktok Science Experiment Competition

Senior High School Category  
El Salvador City SHS – Pop a Balloon **Kaliv Q. Sarip**  
Coach: **Therese Angeli M. Romasanta**

Junior High School Category  
Molugan NHS – Fire Poof Balloon **Billie Janine B. Magpulong**  
Coach: **Ria Lou L. Malto**





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c. Likha – a Research Proposal Competition

Category		School	Name	Likha Title
Life Science	Individual	Molugan SHS	Kent Justin N. Piit Coach: Liberty E. Taneo	The Growth Comparison of Mung Bean ( <i>Vigna radiata</i> ) When Treated with Organic and Inorganic Fertilizers.
	Team	El Salvador City NHS	Nina Lujille G. Oco Rona mae S. Villahermosa Coach: Mariflor L. San Diego	Utilization of Papaya ( <i>Carica papaya</i> ) Seeds as Natural Coagulant for Sustainable Use in Wastewater Treatment
Physical Science	Individual	El Salvador City NHS	Kaliv Q. Sarip Coach: Therese Angeli M. Romasanta	Performance Analysis of a Double Slope Solar Still with Gravel as Sensible Heat Storage Material
	Team	Molugan SHS	Irish L. Tagaylo, Fritz B. Bucol, Bonnie M. Canoy Coach: Liberty E. Taneo	Solar Powered Drip Irrigation Prototype: an Attempt to Battle Water Scarcity
Robotics and Intelligent Machines	Individual	Molugan SHS	Louie Jay L. Bahian Coach: Liberty E. Taneo	Quick-Witted Prototype Vacuum Cleaner
	Team	Cogon SHS	Ashley Rose C. Daug Zyryl Rose T. Balacuit Christian Sol E. Ranque Coach: Liza May Duran and Jun Mark Rey O. Nob	Solar Powered GSM-based Automatic Water Pump Controller for Irrigation System
Mathematics and Computational Science	Individual			
	Team	Cogon SHS	Carlos Louie L. Romero Sarah Lou F. Nuñez Quirchie Kate B. Langala Coach: Liza May Duran and Jun Mark Rey O. Nob	An Analysis of the Forecast Accuracies of Some Regression Models in Application to COVID-19 Confirmed Cases, Fatalities, and Recoveries in the Philippines: Basis for Government Policy Making

3. This Office shall adhere to Equal Opportunity Principle (EOP) in the steps undertaken for this purpose. Hence, all decisions and actions shall be based on guidelines set forth, with no discrimination on the account of age, gender, identity, sexual orientation, civil status, disability, religion, ethnicity or political affiliation.

4. Immediate and wide dissemination of this memorandum is desired.





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**OLGA C. ALONSABE, Ph.D., CESO V**  
Schools Division Superintendent 

*Attch: As Stated*

*To be indicated in the Perpetual Index  
under the Science  
CID/ mjac*



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