



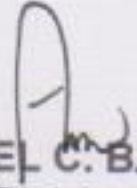
October 8, 2018

**DIVISION BULLETIN**  
No. 05, s. 2018

**RESULTS OF THE 2018 DIVISION SCIENCE AND TECHNOLOGY FAIR (DSTF) FOR PUBLIC  
ELEMENTARY AND SECONDARY SCHOOLS**

TO : OIC – Assistant Schools Division Superintendent  
OIC-Chief, Curriculum Implementation Division  
Public Schools District Supervisors  
Public Elementary and Secondary School Heads  
All Others Concerned

1. This is to announce the result of the 2018 Division Science and Technology Fair (DSTF) for Public Elementary and Secondary Schools held at San Jose National High School last September 28, 2018.
2. This Office congratulates all the winners in the different categories and extends its heartfelt appreciation to all school heads, principal coordinators, teachers coaches/advisers and to all who in one way or another have made the conduct of this competition a very successful one.
3. The First Place winners in Science Investigatory Projects (SIP) will join the 2018 Regional Science and Technology Fair (RSTF) on November 5 – 9, 2018 at P. Guevarra Memorial National High School, Sta. Cruz, Laguna.
4. Attached is the list of winners in the different categories.
5. It is desired that the content of this bulletin be given wide dissemination for the information of all concerned.

  
**DR. ROMMEL C. BAUTISTA, CESO V**  
Schools Division Superintendent

**2018 DIVISION SCIENCE AND TECHNOLOGY FAIR (DSTF)  
OVER ALL RESULT**

**I. SCIENCE INVESTIGATORY PROJECT (SIP)**

**A. Secondary**

**Life Science –**

**a. Individual**

Rank	Research Title	Proponent/s	Adviser/ Coach	School Head	School
1 <sup>st</sup>	In Vitro Cytotoxic Effects of Sabah Snake Grass ( <i>Clinacanthus Natan L.</i> ) Crude Extract on Peripheral Mononuclear Blood Cell	Sharalfea F. Samonte	Ms. Rochelle F. Berosil	Mrs. Esperanza L. Mandal	Antipolo City National Science and Technology High School
2 <sup>nd</sup>	Toxicological Evaluation of Guyabano ( <i>Annona Muricata</i> ) Seeds through Brine Shrimp Lethality Assay (BSLA)	Catherine Joy R. Paliden	Ms. Leah Burbos	Mrs. Esperanza L. Mandal	Antipolo City National Science and Technology High School
3 <sup>rd</sup>	A Comparative Study on the Use of Waste White Papers and Sawdust for <i>Pleurotus Estreatus</i> Culture	Rhyah Austrie S. Reyes	Mrs. Lourdes G. Alcarde	Mr. Ronaldo I. Ata	San Isidro National High School

**b. Team**

Rank	Research Title	Proponent/ s	Adviser/ Coach	School Head	School
1 <sup>st</sup>	Induced Spawning of Tawilis ( <i>Sardinella tawilis</i> ) using Human Chorionic Gonadotropine Hormone (Hcg )	Freddie B. Pestano Jefferson A. Pizon Juan Carlos V. Isip	Mr. Aaron P. Delloro	Ms. Adelaida San Diego	Antipolo National High School
2 <sup>nd</sup>	Larvicidal Toxicity of Wild Marjoram ( <i>Organum vulgare</i> ) Leaves Against Mosquito ( <i>Aedes aegypti</i> ) Larvae	Chelsilyn Faith C. Tag-at Leah Maenard B. Montevirgen Miguel Ryan S. Flestado	Mr. Christian Viernes	Mrs. Esperanza L. Mandal	Antipolo City National Science and Technology High School
3 <sup>rd</sup>	The Feasibility of Coconut Oil as a Component in Making Floor Polish	Danica Lindsay C. Tapales Vince Emmanuel P. Belga Jason Kenneon T. Frac	Mrs. Jonanel Guarano	Dr. Rommel S. Beltran	San Jose National High School

**Applied/ Physical Science –**

**a. Individual**

Rank	Research Title	Proponent/s	Adviser/ Coach	School Head	School
1 <sup>st</sup>	Fixed-bed column absorption of Lead (Pb) from Hinulugang Taktak Effluent Using Hagonoy (Chromolane Odorata L.) Leaves	Joshua Ray A. Magpoc	Ms. Eunice Pacifico	Mrs. Esperanza L. Mandal	Antipolo City National Science and Technology High School
2 <sup>nd</sup>	Construction of Magnetic Stirrer from Electronic Waste	Francesca Mia R. Tortoza	Ms. Eunice Pacifico	Mrs. Esperanza L. Mandal	Antipolo City National Science and Technology High School
3 <sup>rd</sup>	Evaluation of the Physical, chemical and Microbiological Analysis of Sitio Mainit Ground Water: A Preliminary Investigation	Benjamin R. Cabrieto Jr.	Mrs. Ella E. Eata	Mrs. Liza L. Banayo	Kaysakat National High School

**b. Team**

Rank	Research Title	Proponent/ s	Adviser/ Coach	School Heads	School
1 <sup>st</sup>	Air Quality Monitoring Drone Using Wireless Sensor Network (WSN) Arduino Microcontroller, Bluetooth Technology and Radio Frequency (RF)	Patrick Chad A. Roque Endirau Margaret C. Tapales Redient Crystoffer G. Crisostomo	Mr. Christopher R. Malayan	Mrs. Esperanza L. Mandal	Antipolo City National Science and Technology High School
2 <sup>nd</sup>	Perna Viridis as Alternative shaped-concrete Garden Pavement	Luisa Mae S. Dela Cruz Joyce Marie E. Maqui Reandrea N. Ozaeta	Ms. Riza C. Paglinawan	Dr. Eugenio B. Sierra Jr.	Dela Paz National High School
3 <sup>rd</sup>	Response Mechanism Analysis of Alternative Ph Electrodes using Test Tubes	Fritzy Gayle A. Ramos Bea Kate H. Mancenido Nicole Kristine L. Tan	Ms. Eunice Pacifico	Mrs. Esperanza L. Mandal	Antipolo City National Science and Technology High School

## B. Elementary

Rank	Research Title	Proponents	Adviser/ Coach	School Heads	School
1 <sup>st</sup>	Effectiveness of All-In-One Natural Antibacterial Liquid Soap with Moisturizer	Dylane C. Yaris Rain Pristine E. Siena Ciean Carla A. Maldia	Ms. Richess Villaraz Ms. Michelle R. Cabot	Mrs. Joyanny ST. Gutierrez	Sta Cruz Elem. School
2 <sup>nd</sup>	Improvised 360°	Vince Gallendez Erin Matro Rovienel Villones	Ms. Noemi M. Maac Mr. Leodyrick Suyom	Mr. Tito Cabacaba	San Isidro Elem. School
3 <sup>rd</sup>	The Effects of Pupils' Activities on their Peripheral Vision	Eirianne L. Nuval Rohan Cedric A. Gollia Casey Gabrielle M. Delos Reyes	Mrs. Sarah Jane Dagooc	Dr. Ferdinand B. Millan	Sumulong Elem. School

## II. VIDEO PRODUCTION (Teacher's Category)

### a. Grade 3 - Science Video Production Using MTB – MLE

Rank	Name of Teacher	Principal	School
1 <sup>st</sup>	Katherine B. Ceñidoza	Mrs. Carolina A. Tapar	San Antonio Village Elem. School
2 <sup>nd</sup>	Joylyn C. Cabrera	Dr. Marlyn B. Rodriguez	Peñafrancia Elem. School
3 <sup>rd</sup>	Mary Ann S. Bohol	Mrs. Margie S. Namora	Cabading Elem. School

### b. Grade 4 – Science Video Production

Rank	Name of Teacher	Principal	School
1 <sup>st</sup>	Rosalita Aquino	Dr. Flora D. Cahapay	Bagong Nayon I Elem. School
2 <sup>nd</sup>	Ginalyn L. Mendiola	Mrs. Carolina A. Tapar	San Antonio Village Elem. School
3 <sup>rd</sup>	Aaron R. Surat	Ms. Mary Grace F. Santiago	Peace Village Elem. School

### III. SPECIAL AWARDS

#### A. ELEMENTARY

CATEGORY	Title of Research	Proponent/s	Adviser	School
Best Poster Display	The Effects of Pupils' Activities on Their Peripheral Vision	Eirianne L. Nuval Rohan Cedric A. Gollia Casey Gabrielle M. Delos Reyes	Mrs. Sarah Jane Dagooc	Juan Sumulong ES
Best Presenter	Effectiveness of All-In-One Natural Antibacterial Liquid Soap with Moisturizer	Dylane C. Yaris Rain Pristine E. Siena Ciena Carla A. Maldia	Ms. Richness Villaraz Ms. Michelle R. Cabot	Sta. Cruz ES
Best SIP Methodology	Effectiveness of All-In-One Natural Antibacterial Liquid Soap with Moisturizer	Dylane C. Yaris Rain Pristine E. Siena Ciena Carla A. Maldia	Ms. Richness Villaraz Ms. Michelle R. Cabot	Sta. Cruz ES
Best Adviser	Effectiveness of All-In-One Natural Antibacterial Liquid Soap with Moisturizer		Ms. Richness Villaraz Ms. Michelle R. Cabot	Sta. Cruz ES
Best Paper of the Year	Effectiveness of All-In-One Natural Antibacterial Liquid Soap with Moisturizer	Dylane C. Yaris Rain Pristine E. Siena Ciena Carla A. Maldia	Ms. Richness Villaraz Ms. Michelle R. Cabot	Sta. Cruz ES

#### B. SECONDARY

CATEGORY	Title of Research	Proponent/s	Adviser	School
Best Poster Display	Bioethanol Production from Pineapple (Ananas comosus) Peelings	Kim John V. De Esoy	Mrs. Zenaida P. Cristobal	Antipolo City Senior High School
Best Presenter	Induced Spawning of Tawilis (Sardinella tawilis) using Human Chorionic Gonadotropine Hormone (Hcg)	Freddie B. Pestano Jefferson A. Pizon Juan Carlos B. Isip	Mr. Aaron P. Delloro	Antipolo National High School
Best in Research Methodology	Response Mechanism Analysis of Alternative pH electrodes using Test Tubes	Fritzy Gayle A. Ramos Bea Kate H. Mancenido Nicole Kristine L. Tan	Ms. Eunice Pacifico	Antipolo City National Science and Technology High School

<b>Best Adviser</b>	Induced Spawning of Tawilis (Sardinella tawilis) using Human Chorionic Gonadotropine Hormone (Hcg)		Mr. Aaron P. Delloro	Antipolo National High School
<b>Best Paper</b>	Induced Spawning of Tawilis (Sardinella tawilis) using Human Chorionic Gonadotropine Hormone (Hcg)	Freddie B. Pestano Jefferson A. Pizon Juan Carlos B. Isip	Mr. Aaron P. Delloro	Antipolo National High School