



Republic of the Philippines
DEPARTMENT OF EDUCATION
Region III
DIVISION OF CITY SCHOOLS
City of San Jose del Monte



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October 5, 2017

Division Memorandum
No. **104** S. 2017

To:

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

RESULT OF THE 2017 DIVISION SCIENCE FAIR

1. This is to announce the result of the 2017 Division Science Fair, held at BBE (East) Central School September 29, 2017
2. **SECONDARY LEVEL**
Science Investigatory Projects (SIP)
Physical (Team)

| Rank | Title of the Project | Proponent/s | School | Adviser |
|-----------------|--|---|-----------------------------------|--|
| 4 th | Viability of Alibangbang (<i>Bauhinia malabarica</i>) as an Alternative Source of Electricity | Rosemarie Z. Legaspi Quimkim C. Quilapo Joshua M. Paulito | San Martin National High School | Rissa N. Alovera |
| 3 rd | Pinto Peanut (<i>Arachis pintoi</i>) Substratum as an Alternative Source of Electricity | Jaymar E. Poñegal Aliya Margo R. Gonzales Janina Sofia H. Jacinto | Sapang Palay National High School | Raymond T. de Leon |
| 2 nd | Absorption of Air Pollutants in Public Roads Using Saba(<i>Musa paradisiaca</i>) Banana Peel | Eliseo Ruel V. Rioja Angela Paula E. Malapitan Courtney Love S. dela Cruz | Muzon National High School | Judy Ann E. Calanog Annabel M. Lenizo |
| 1 st | Arduino PIR(Passive Infrared) Motion Sensor Integrated with GSM(Global System for Mobile Communication) Module as an Alternative Home Security | Mark Gabriel P. Padua John Reuel Z. Sanoy Marco Dave R. Villaruel | Sapang Palay National High School | Raymond T. de Leon |

Physical (Individual)

| Rank | Title of the Project | Proponents | School | Adviser |
|-----------------|---|------------------------|-----------------------------------|--------------------|
| 3 rd | Efficacy of Potassium Bicarbonate from Banana Peel Ashes as Fire Retardant | Iris Abigael R. Tan | Sapang Palay National High School | Raymond T. De Leon |
| 2 nd | Feasibility of Palm Cooking Oil (<i>Elaeis guineensis</i>) and Isopropyl Alcohol as an Ultraviolet Radiation Absorber | Faye Angelu B. Aguirre | Sapang Palay National High School | Raymond T. De Leon |

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|-----------------|--|---------------------------|-----------------------------------|--------------------|
| 1 st | Feasibility of Silica Gel (SiO ₂) as a Photovoltaic Material for Improvised Solar Cell | Clarence Troy A. Alfajora | Sapang Palay National High School | Raymond T. De Leon |
|-----------------|--|---------------------------|-----------------------------------|--------------------|

Life (Team)

| Rank | Title of the Project | Proponents | School | Adviser |
|-----------------|---|---|---|-----------------------------|
| 3 rd | Evaluation of the Termicidal Potential of Tuba-tuba (<i>Jatropha curcas L.</i>) Root Extract Tested Against Termites (<i>Genus Isoptera</i>) | Adeline V. Belga Denny Angelica A. Dino Francis Venice S. Jorge | City of San Jose del Monte National Science High School | Marites T. Hugo |
| 2 nd | Feasibility of Minnieroot (<i>Althernanthera sessilis</i>) Plant Crude Extract and Ethanolic Extract in the Therapy of High Blood Glucose (Hyperglycaemia on Male Albino Rats (<i>Rattus norvegicus</i>)) | Dhea Roxette S. Sas Shekinah Elohim C. Chua Rainy Rose R. Trinidad | Sapang Palay National High School | Maria Cecilia I. Valenzuela |
| 1 st | Feasibility of Potato (<i>Solanum tuberosum L.</i>) as an Inhibitor in the Growth of Staphylococcus aureus | Christian James B. Ascuna Janry B. Silvestre Joshuel Ernest Q. Simbulan | Sapang Palay National High School | Raymond T. de Leon |

Life (Individual)

| Rank | Title of the Project | Proponent | School | Adviser |
|-----------------|---|---------------------|-----------------------------------|-----------------------------|
| 1 st | Comparative Microbial Inhibition of Welcome Plant (<i>Zamioculcas zamiifolia</i>) Peppermint (<i>Mentha piperita</i>) and Mexican Mint (<i>Plecanthus ambonicus</i>) Against <i>Bacillus cereus</i> | Lyka Mae S. Padasas | Sapang Palay National High School | Maria Cecilia I. Valenzuela |

QUIZ BEE

Grade 7

| Rank | Name/s of Student | School | Coach |
|------|------------------------|--|---------------------|
| 5th | Arnie Justin Dunan | San Jose del Monte National High School | Catherine Catublas |
| 4th | Sophia Laura Barcelona | Kakawate National High School | Diana M. Tindugan |
| 3rd | Russel Nina Estopace | San Jose del Monte National Trade School | Beverly Rose Fermin |
| 3rd | Angelica Kim Evangelio | Sapang Palay National High School | Carolina Abarilles |
| 2nd | Chrismar Ramos | CSJDM National Science High School | Ireca Celebre |
| 1st | Bryan Glen Ellana | Minuyan National High School | Sharon Olivares |

Grade 8

| Rank | Name of Student | School | Coach |
|------|------------------------|------------------------------------|-----------------------|
| 5th | AJ D. Quico | Citrus National High School | Ma. Theresa Obsid |
| 4th | Bryan S. Lingatong | Marangal National High School | Herlie P. Batatas |
| 3rd | Mark Kevin M. Bautista | Sto. Cristo National High School | Maria Christina Rojas |
| 2d | Judjell R. Nepomuceno | CSJDM National Science High School | Ireca Celebre |
| 1st | James Bryan G. Rayom | Sapang Palay National High School | Yvette Develos |

Grade 9

| Rank | Name of Student | School | Coach |
|-----------------|--|--|--|
| 5 th | Michigani B. Arriola Delaila S. Arguelles Lousille Justine C. Medina Charmagne R. Solarte | CSJDM National Science High School San Manuel National High School San Jose del Monte Heights HS San Jose del Monte National HS | Marites T. Hugo Beverly Binaldo Celyn Loyola Merly Bautista |
| 4 th | Jessie R. Dacudag Jr. Thony Archer T. Tan Julius Ivan B. Aburde Cedric T. Binuya | Minuyan National High School Sto. Cristo National High School Citrus National High School Paradise Farms National High School | Jel B. Recato Liza P. Tamayo Lones A. Pascual Mary Ann Cardinio |
| 3 rd | Lora Colendres | San Martin National High School | Francis P. De la Cruz |
| 2 nd | Cyrelle Jane P. Montano Angela Paula E. Malapitan | Kakawate National High School Muzon National High School | Jolette Bravo Joan A. Buling |
| 1 st | Edgar Martin Mendoza | SAPang Palay National High School | Gemma Bauzon |

Grade 10

| Rank | Name of Student | School | Coach |
|-----------------|---|---|--|
| 5 th | Joanna Rose I. Trogani Eimerry Jane Carlos | Paradise Farms National High School San Jose del Monte National Trade School | Ermina de leon Elisa Tabilisma |
| 4 th | John Christopher Abude | Citrus National High School | Liberty Gardon |
| 3 rd | James Brian Heradura Carl Justine Cañedo Rosemarie Legaspi | San Jose del Monte National HS Kakawate National High School San Martin National High School | Emeeluz Arante Marvin G. Comayas Rissa N. Alovera |
| 2 nd | Bobby S. Cerezo | Minuyan National High School | Sheila B. de la Cruz |
| 1 st | Antonette Joyce M. Ni Paul Michael U. Pelecia Marco Dave R. Villaruel | Sto. Cristo National High School Muzon National High School Sapang Palay National High School | Berith Grace Magcalas Dyan Krista Gonzales Haydee Liza N. Torres |

POSTER MAKING CONTEST

| Rank | Name of Student | School | Coach |
|-----------------|--------------------|-------------------------------------|--------------------------|
| 3 rd | Jessie S. Sajol | Paradise Farms National High School | Mark Anthony del Rosario |
| 2 nd | Jommel C. Solana | Citrus National High School | Ruel D. Soriano |
| 1 st | Arcy Lea C. Ferrer | CSJDM National Science High School | Cecile Necesito |

3. Elementary Level Science Quiz Bee

Grade 3

| Rank | Name of Student | School | Coach |
|-----------------|---|---|--|
| 5 th | Alyana Ignacio Leanna Jane Hizon | BBD Elementary School Minuyan Elementary School | Jenalyn San Diego Gemina Ruth Panimbatan |
| 4 th | Princess Esther Marilag Ren Rich Keisha Solomon Alexa Andre I. Bermundo | San Manuel Elementary Schl BBH Elementary School Benito Nieto Elem School | Eda Marie Raotraot Marilou Gojocruz Josephine Villaflore |
| 3 rd | Louise Andre L. de Luna Ace E. Lalacsan Angel Rhyzmir Salas | Francisco Homes Elementary School Gaya-gaya Elementary School BBI Elementary School | Madeleine Bravo Riza Adriano Erlinda Bunag |
| 2 ^d | Joshua Miguel Daclis | BBE Elementary School | Herdeliza Carlos |
| 1 st | Dave Aidan Llave | Paradise Farms Community School | Marites Sabanal |

Grade 4

| Rank | Name of Student | School | Coach |
|-----------------|--|--|--|
| 5 th | Raven Asuncion | BBI Elementary School | Jerish P. Zeta |
| 4 th | Allan B. Abayare Jheizel Kisean Apellido | Gumaok Elementary School Tungkong Manga Elementary School | Rosario Pedregosa Liza M. Aquino |
| 3 rd | Earl Anthony D. Sulaña Lourd Marquise Vargas Elihya Eunice L. Bio Kent Dranel G. Dumlaog Wella Mae F. Lana | BBC Elementary School Paradise Farms Community School Gaya-gaya Elementary School Minuyan Elementary School Graceville Elementary School | Realyn Y. Butanas Jane R. Andrade Jocelyn Gilles Richard Taguines Rachel P. Balisi |
| 2 nd | Krizzia Mae Rosales | Benito Elementary School | Marivic M. Basangal |
| 1 st | Cristine Joy Cunanan John Marneq Q. Eniran | Francisco Homes Elementary School Sto. Cristo Elementary School | Ria Joy Lorenzana Mary Janet B. Blanca |

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|----------------------------|----------------------------------|--|--|---------------------|
| Certificate of Recognition | Tungkong Manga Elementary School | The Feasibility of Water Hyacinth (Eichornia crassipes) Stalks as Shield for Gamma Radiation | Shawn Marion Drouz A. Ereño | Herlita E. Disu |
| Certificate of Recognition | Tungkong Manga Elementary School | Noise –Powered Bank as an Alternative Source of Electricity | Sean Taro L. Rivera Czarina Riciela A. Cañonero | Aricel P. Sarmiento |

4. **TOP 10 ELEMENTARY SCHOOLS**

| Rank | School |
|------|---------------------------------------|
| 10th | Minuyan Elementary School |
| 9th | Bagong Buhay B Elementary School |
| 8th | Marangal Elementary School |
| | Sapang Palay Proper Elementary School |
| | Sto. Cristo Elementary School |
| | BBA Elementary School |
| 7th | Graceville Elementary School |
| 6th | Gaya-Gaya Elementary School |
| 5th | Paradise Farms Community School |
| | San Martin (BBC) Elem School |
| 4th | Benito Nieto Elementary School |
| 3rd | Tungkong Manga Elementary School |
| | BBE (East) Central School |
| 2nd | CSJDM (West) Central School |
| 1st | Francisco Homes Elementary School |

5. **TOP 10 SECONDARY SCHOOLS**

| RANK | SCHOOL |
|------|-------------------------------------|
| 10th | CSJDM National High School |
| 9th | San Martin High School |
| 8th | Paradise Farms National High School |
| 7th | Citrus National High School |
| 6th | Kakawate National High School |
| 5th | CSJDM National Science High School |
| 4th | Muzon National High School |
| 3rd | Sto. Cristo National High School |
| 2nd | Minuyan National High School |
| 1st | Sapang Palay National High School |

6. **This Office congratulates all the winners.**


GERMELINA H. PASCUAL, CESO V
 Schools Division Superintendent