



Republic of the Philippines
Department of Education
REGION VII - CENTRAL VISAYAS
DIVISION OF CITY SCHOOLS - TAGBILARAN CITY

**Office of the Schools Division
Superintendent**

September 14, 2026

DIVISION MEMORANDUM
No. 751, s. 2026

**ANNOUNCING THE WINNERS OF DIVISION SCIENCE, MATHEMATICS
AND TECHNOLOGY FAIR 2026**

To: All Public Elementary and Secondary School Heads
All Private Elementary and Secondary School Heads
All Others Concerned

1. In line with the recently concluded **Division Science, Mathematics and Technology Fair 2025** last **September 7-8, 2026**, at the **Tagbilaran City Central Elementary and Dr. Cecilio Putong National High School, Tagbilaran City** with this year's theme **"Innovating Today; Inspiring Tomorrow"**.
2. This Office congratulates all the winners and acknowledges the support of all the parents/guardians, teachers, school heads, robotics coordinators and facilitators for the assistance shown to the winners and the participants.
3. Attached herewith is the official list of winners for the Elementary and Secondary Levels of the Division Science, Mathematics, and Technology Fair 2026.
4. All **first and second place winners** in **SIBOL, Tuklas, Siyensikula, and Digituro** shall undergo **Regional Qualifying**. Revised manuscripts shall be submitted on or before **October 28, 2026**, through the OneDrive link to be provided by the Regional EPS in Science.
5. Immediate and wide dissemination of this memorandum is desired.

WILFREDA D. BONGALOS PhD, CESO V
Schools Division Superintendent 

WDB/JAAL/CID/JTB/cmf



H. Zamora St., Dampas, Tagbilaran City, Bohol
(038)427-1702; (038)427-2506
tagbilarancity.division@deped.gov.ph

Annex 1

SIP - SIBOL ELEMENTARY CATEGORY

FIRST PLACE: BOOL ELEMENTARY SCHOOL

The Effectiveness of Paper Bags Made from Banana (*Musa*) Pseudo-Stem Fibers"

- Participants: Maxene Christianne Merca, Kiven Fernandez, Mary Gabrielle Aleonar
- Teacher-coach: Ma. Daisy Lou Merca

SECOND PLACE: SAN ISIDRO NATIONAL HIGH SCHOOL

CACAO (*Theobroma cacao*) SEEDS AS RUST REMOVER

- Participants: Bea Jean Ladra, Jairah Tanong, Carlry Alfarero
- Teacher-coach: Pablita Cangas

THIRD PLACE: COGON ELEMENTARY SCHOOL

Effectiveness of Chili (*Capsicum frutescens*) and Neem Tree (*Azadirachta indica*) Extracts Combined with Salt Water in Killing Mosquito Larvae"

- Participants: Kenna Mae Madria, Isabella Cabalit, Maria Abegail Quiñal
- Teacher-coach: Rosemarie Quiñal

SPECIAL AWARDS

✦ BEST IN ABSTRACT WRITING: TAGBILARAN CITY CENTRAL ELEMENTARY SCHOOL

THE EFFECT OF DIFFERENT FRUIT PEEL BASES BANANA PEEL (*Musa Acuminata*), MANGO (*Mangifera indica*), ORANGE (*Citrus x Sinenses*) On The TENSILE OF HOMEMADE BIO PLASTICS

- Participants: John Paul Gudez, Kate Athena Suello, Mary Samantha Edd, Musico
- Teacher-coach: Elline Immaculada Amba

✦ BEST IN ENVIRONMENTAL RELEVANCE: TALOTO ELEMENTARY SCHOOL

- Participants: Kennjyan Locquias, Chad Rendell Vencencio, Khenie Drey Pilongo
- Teacher-coach: Jane Lagare

✦ BEST IN USE OF INDIGENOUS MATERIALS: UBUJAN ELEMENTARY SCHOOL

COMPARATIVE EVALUATION OF PAPER WASTE, BANANA PEEL, AND COCONUT COIR AS MATERIALS FOR BIODEGRADABLE PLANT POTS

- Participants: Precious Jahaziel Alvarez, Franchesca Zhyn Penaso, Dan Judson Nuñez Jr.
- Teacher-coach: Gielyn Jakosalem

✦ BEST IN ORIGINALITY OF IDEAS AND BEST PRESENTER: MANSASA ELEMENTARY SCHOOL

Effectiveness of Dried Malunggay (*Moringa oleifera*) Leaf Powder as a Natural Shoe Deodorizer

- Participants: Yam Vincent Inting, Jhon Albert Joloyohoy, Manny Grace Simogan
- Teacher-coach: Mareille Allosada

✦ **BEST IN COLLABORATION AND TEAMWORK: TIPTIP ELEMENTARY SCHOOL**
DEVELOPMENT OF MORTAR PAVEMENT BLOCKS USING PULVERIZED WASTE GLASS AS A REPLACEMENT FOR SAND

- Participants: Matthew Rexi Quisora, Sofia Angela Caingcoy, Breana Margarette Alturas
- Teacher-coach: Hazel Torith

✦ **BEST IN PROBLEM SOLVING APPROACH: HOLY NAME UNIVERSITY**
DEVELOPING CALAMANSI (CITRUS MICROCARPA) POMACE EXTRACT INTO A POTENTIAL NATURAL MOSQUITO REPELLENT

- Participants: Sofiel Rebosura, Robert James Dampor, Chrysler Angelo Tadle
- Teacher-coach: Jissell Barrete

✦ **BEST IN DATA PRESENTATION: DAMPAS ELEMENTARY SCHOOL**

- Participants: Ma. Doreen Dagupan, Prets Francis Pancha, Rhina Jhonella Rolet
- Teacher-coach: Cindy Clement

✦ **BEST IN ENGINEERING DESIGN AND BEST DISPLAY: TAGBILARAN CITY**
CENTRAL ELEMENTARY SCHOOL – SPECIAL PROGRAM IN SCIENCE
FEASIBILITY OF WASTEPAPER AND PLASTIC AS COMBUSTION FUELS FOR SMALL-SCALE PHOTOVOLTAIC ELECTRICITY GENERATION

- Participants: Althea Hazel Enderez, Annie Celestin Hamac, Titus Xander Sevilla
- Teacher-coach: Maria Hazel Beldoro

✦ **BEST IN HEALTH AND WELLNESS INNOVATION: CITY EAST ELEMENTARY SCHOOL**

Effectiveness of Avocado Seeds, Alcohol and Efficascent Oil as a Liniment

- Participants: Nineth Avril Gumera, Aliyah Faye Santos, Mary Zannea Perez
- Teacher-coach: Jessa Estorgio

✦ **BEST IN ENERGY CONSERVATION STUDY: BOOY SOUTH ELEMENTARY SCHOOL**

- Participants: Clark Andrae Irico, Kurt Jan Omac, Meara Quin Diloton
- Teacher-coach: Maria Madena Simbit

✦ **BEST IN COMMUNITY IMPACT: TAGBILARAN CITY CENTRAL ELEMENTARY SCHOOL**

OBSERVED EFFICACY OF WATER LETTUCE (*Pistia stratiotes*) FOLIAR EXTRACT AGAINST GOLDEN APPLE SNAIL (*Pomacea canaliculata*) AND RED IMPORTED FIRE ANT (*Solenopsis invicta*) IN DAUIS AND BACLAYON, BOHOL

- Participants: Jude Uriel Cajaro, Jeb Lagura, Clia Zion Trigo
- Teacher-coach: Maria Hazel Beldoro

✚ **BEST IN AGRICULTURE STUDY: TAGBILARAN CITY CENTRAL ELEMENTARY SCHOOL – SPECIAL PROGRAM IN SCIENCE**

COMPARATIVE EARLY GROWTH OF EGGPLANT (*Solanum melongena*) SEEDLINGS GROWN IN LOAM, CLAY, AND SANDY SOILS DURING A 27-DAY TRIAL IN TAGBILARAN CITY

- Participants: Czed Miguel Ebojo, Julina Claire Poyos, Ryvn Manigque
- Teacher-coach: Maria Hazel Beldoro

✚ **BEST IN WASTE MANAGEMENT INNOVATION: BOOY ELEMENTARY SCHOOL**

- Participants: Elishya Dennot Abejero, Elliaquim Adtoon, Jogn Alexander Bumaat
- Teacher-coach: Romeo John Balon

DESIGN THINKING CHALLENGE

FIRST PLACE AND BEST IN STRUCTURAL AWARD: COGON ELEMENTARY SCHOOL

- Participants: Franz Ethan Lumbab, Rafael Humol, Julian Ken Labor
- Teacher-coach: Daffodil Dahan

SECOND PLACE AND BEST IN DESIGN AWARD: TIPTIP ELEMENTARY SCHOOL

- Participants: Elisha Faith Federigan, Jebela Vibien Balundo, Kristine Leonore Asotigue
- Teacher-coach: Josha Membrillos

THIRD PLACE AND INSPIRING INNOVATION AWARD: MANGA ELEMENTARY SCHOOL

- Participants: Trivor Isaac Villanueva, Zharil Marco Bartido, Ginalyn Estoque
- Teacher-coach: Alma Bago

SPECIAL AWARDS

✚ **BRIGHTEST IDEAS AWARD: UBUJAN ELEMENTARY SCHOOL**

- Participants: Zoe Razili Baring, Mariel Perenio, Mary Grace Bontog
- Teacher-coach: Jeysary Bucag

✚ **BEST PROTOTYPE AWARD: TAGBILARAN CITY CENTRAL SPED CENTER**

- Participants: Mary Bless Candel, Paul Alfer Alima, Reiven Jhon Mahinay
- Teacher-coach: Ana Marie Polinar

✚ **BEST IN TEAMWORK AWARD: COGON ELEMENTARY SCHOOL**

- Participants: Axel Zuriel Sumaylo, Jurielle Rae Miton, Samoranos
- Teacher-coach: Catherine Patac

✚ **PERSEVERANCE AWARD: DAO ELEMENTARY SCHOOL**

- Participants: Sophia Skye Manila, Andie Marith Llanes, Prince Zian Nicasio
- Teacher-coach: Josephine Acedo

✚ **OUT-OF-THE-BOX THINKER AWARD: EASTERN COGON ELEMENTARY SCHOOL**

- Participants: Venz Ivan Taoy, Axel Edgar Patatang, Anne Cahulugan
- Teacher-coach: Jennifer Agosto

✚ **SIMPLE YET BRILLIANT AWARD: CABAWAN ELEMENTARY SCHOOL**

- Participants: Yhumi Shayinna Pacia, Acxyl Zayn Magallanes, Jasmine Injug
- Teacher-coach: Flordeliza Correa

✚ **MOST PRACTICAL DESIGN AWARD: CITY EAST ELEMENTARY SCHOOL**

- Participants: Athena Kate Mariane Sagrado, Arya Skye Gementiza, Elena Mancha
- Teacher-coach: Reyna Mancha

✚ **COURAGEOUS EXPERIMENTER AWARD: TAGBILARAN CITY CENTRAL ELEMENTARY SCHOOL**

- Participants: Anyah Shen Cielo Lapos, Illionna Savannah Evver Castro, John Mark Maestrado
- Teacher-coach: Maylene Jala

✚ **MASTER PROTOTYPE WARAD: TAGBILARAN CITY CENTRAL ELEMENTARY SCHOOL – SPECIAL PROGRAM IN SCIENCE**

- Participants: John Nathaniel Digal, Gavin Maverick Bernido, Glaze Jala
- Teacher-coach: Maria Hazel Beldoro

✚ **SKY STRIVER AWARD: BOOY SOUTH ELEMENTARY SCHOOL**

- Participants: Joshreal Amper, Benzacq Zairnone Lontoc, Reynie Paradero
- Teacher-coach: Ma. Catherine Rollon

✚ **GRIT AND DETERMINATION AWARD: DAMPAS ELEMENTARY SCHOOL**

- Participants: Gib Elisha Daniel, Ruth Dacula Ethan Jaum
- Teacher-coach: Juliet Gran

✚ **GROWTH MINDSET AWARD: BOOY ELEMENTARY SCHOOL**

- Participants: Andrie Bryan Ayno, Wilson Legaspi, Cris Jamel Missiona
- Teacher-coach: Romeo John Balon

Annex 2

TUKLAS - JUNIOR AND SENIOR HIGH SCHOOL CATEGORY

I-A. PHYSICAL SCIENCE – INDIVIDUAL

FIRST PLACE: TAGBILARAN CITY SCIENCE HIGH SCHOOL

HARNESSING PAPAYA (*Carica papaya* L.) SEED WASTE FOR BIOELECTRICITY GENERATION USING A MICROBIAL FUEL CEL

Special Award: Excellence in Problem Solving

- Participant: Rubbie Angedel Dahab
- Teacher-coach: Gloria Aranas

SECOND PLACE: COGON NATIONAL HIGH SCHOOL

BIRA: BIORADYANTE – UTILIZATION OF COMMERCIAL CHARCOALELECTRODES FOR BIOELECTRICITY GENERATION USING SOIL MICROBIAL FUEL CELL

Special Award: Excellence in Scientific Inquiry

- Participant: Jade Stephan Añasco
- Teacher-coach: Mary Grace Mejias

I-B. PHYSICAL SCIENCE – TEAM

FIRST PLACE: DR. CECILIO PUTONG NATIONAL HIGH SCHOOL - SHS

EFFECT OF COW (*Bos taurus*) MANURE–RICE (*Oryza sativa* L.) HUSK RATIO ON THE ELECTRICAL PERFORMANCE OF SINGLE-CHAMBER MICROBIAL FUEL CELL

Special Award: Excellence in Experimental Design

- Participants: Gioan Patrick Calcaben, Justine Jay Cirunay, Trisha Nicole Odarve
- Teacher-coach: Nadine Chloe Maratas

SECOND PLACE: MANGA NATIONAL HIGH SCHOOL

UTILIZING SPIKE ROBOT IN MEASURING THE IMPACT FORCE FROM A ROLLING BARRIER WITH VARYING SAND VOLUME AND BOTTLE CLOSURE CONDITION

Special Award: Best in Theoretical Application

- Participants: Keisha Amber Enomar, Rae Angela Gone, Soppia Mae Dahan
- Teacher-coach: Kathleen Joy Lamoste

THIRD PLACE: COGON NATIONAL HIGH SCHOOL

Development and Optimization of a Calamansi Peel (*Citrus macrocarpa*) and Aloe Vera (*Aloe barbadense*)–Based Natural Surface-Cleaning Spray

Special Award: Most Promising Young Scientists

- Participants: Bryan Josh Pelayo, Earl Gabriel Balatero, Mary Jernie Alfonte
- Teacher-coach: Mary Grace Mejias

II-A. LIFE SCIENCE – INDIVIDUAL

FIRST PLACE AND BEST DISPLAY: TAGBILARAN CITY SCIENCE HIGH SCHOOL

ALOE VERA (*Aloe barbadensis* Mill.) GEL AS A RHIZOGENIC BIOSTIMULANT FOR SINGLE-NODE UBI KINAMPAY (*Dioscorea alata* L.) VINE PROPAGULES

Special Award: Best in Plant-Based Research

- Participant: Jared Frances Maceren
- Teacher-coach: Jesmar Magdugo

SECOND PLACE: DR. CECILIO PUTONG NATIONAL HIGH - SHS

Comparative Study of Botanical Extracts of Kudypa (*Celosia argentea*), Kumintang (*Catharanthus roseus*), and Tangan-tangan (*Ricinus communis*) as Effective Bio-Controls of Coconut Leaf Beetle (*Brontispa longissima*) Infestation

Special Award: Best in Environmental Sustainability

- Participant: Aleiah Faye Culaste
- Teacher-coach: Justin Niño Dacullo

II-B. LIFE SCIENCE – TEAM

FIRST PLACE AND BEST PRESENTER: TAGBILARAN CITY SCIENCE HIGH SCHOOL

ANTIBACTERIAL ACTIVITY OF MELANIN FROM BIGFIN REEF SQUID (*Sepioteuthis lessoniana*) INK AND CHITOSAN FROM WHITELEG SHRIMP (*Litopenaeus vannamei*) SHELLS AGAINST ESCHERICHIA COLI AND STAPHYLOCOCCUS AUREUS

Special Award: Outstanding Research Innovation

- Participants: Althea Lamagna, Kimora Penkian, Jace Maverick Damao
- Teacher-coach: Melinda Sarita

III-A. ROBOTICS AND INTELLIGENT MACHINES – INDIVIDUAL

FIRST PLACE AND BEST PRESENTER: HOLY SPIRIT SCHOOL

Guide-X: An ESP-32 Based Smart Blind Cane for Obstacle Detection And Safer Mobility

Special Award: Best in Assistive Robotics

- Participant: Jillian Marie Villocido
- Teacher-coach: Mary Grace Prieto

III-B. ROBOTICS AND INTELLIGENT MACHINES – TEAM

FIRST PLACE AND BEST DISPLAY: TAGBILARAN CITY SCIENCE HIGH SCHOOL

Intelligent Rice Irrigation System: Adaptive Quality-based Utilization for Agriculture

Special Award: Best in Agricultural Robotics

Participants: Noah Baton, Jirah Renne Romero Efondo, Christian Dominic Dacera

- Teacher-coach: Marivic Casocot

SECOND PLACE: HOLY SPIRIT SCHOOL

LOCKiD: Smart RFID Locker Access System Powered by Arduino and Python

Special Award: Best in AI-Powered Robotics

- Participants: Lesca Sophia Ardon, Jheril Xen Celocia, Romeo Ranara Jr.
- Teacher-coach: Gladys Bernades

THIRD PLACE: DR. CECILIO PUTONG NATIONAL HIGH SCHOOL – SHS

Development of an Offline ASL and Alphabet Recognition System with Integrated Distance Measurement

Special Award: Best in Educational Robotics Innovation

- Participants: Merry Cris Galagar, Mark Jumawan, Marc Yvan Flores
- Teacher-coach: Rhea Bonggolto

IV-INNOVATION EXPO – TEAM

FIRST PLACE: DR. CECILIO PUTONG NATIONAL HIGH SCHOOL – JHS

Special Award: Best in Low-Cost Technology Innovation

- Participants: Jacel Lois Recente, Pauleen Salas, Zyra Monique Talo
- Teacher-coach: Jepson Cuadra

SECOND PLACE: COGON NATIONAL HIGH SCHOOL

Special Award: Best in Innovative Research

- Participants: Jhanilyn Tinaco, Matt Genesis Corredo, Kyle Marlon Madria
- Teacher-coach: Mary Grace Mejias

SIYENSIKULA – JUNIOR HIGH SCHOOL CATEGORY

FIRST PLACE: TAGBILARAN CITY SCIENCE HIGH SCHOOL

- Participant: Rhian Jhazeel Daquio
- Teacher-coach: Flordynel Polo

SECOND PLACE: COGON NATIONAL HIGH SCHOOL

- Participant: Warren Luna
- Teacher-coach: Xerxen Valle

THIRD PLACE: HOLY NAME UNIVERSITY

- Participant: Saphvee Trezelle Laguda
- Teacher-coach: Arvic Manuel Cantoneros

SPECIAL AWARDS

🌱 ENVIRONMENTAL AWARENESS: MANSASA NATIONAL HIGH SCHOOL

- Participant: Jamaica Miculob
- Teacher-coach: Viola Mabel Berro

🌱 ADVOCACY FOR SCIENCE TECHNOLOGY AWARD: MANGA NATIONAL HIGH SCHOOL

- Participant: Jhacky Lou Bontog
- Teacher-coach: Princess May Villarojo

✚ **CREATIVE PRESENTATION AWARD: TALOTO NATIONAL HIGH SCHOOL**

- Participant: Athena Ysabella Dalangin
- Teacher-coach: Anecito Peñaroya

✚ **EDUCATIONAL IMPACT AWARD: CITY OF TAGBILARAN NATIONAL HIGH SCHOOL**

- Participant: Princess Ann Liba
- Teacher-coach: Ellen Mae Manito

✚ **ILLUMINATING PRESENTATION AWARD: SAN ISIDRO NATIONAL HIGH SCHOOL**

- Participant: Sallie Impuesto
- Teacher-coach: Camille Talisic

DIGITURO SA SIYENSYA – TEACHER CATEGORY

FIRST PLACE: HOLY NAME UNIVERSITY

- Teacher Participant: Arvic Manuel Cantoneros

SECOND PLACE: SAN ISIDRO NATIONAL HIGH SCHOOL

- Teacher Participant: Camille Talisic