



Republic of the Philippines  
**Department of Education**  
Region VII – CENTRAL VISAYAS  
**SCHOOLS DIVISION OF BOHOL**

**Office of the Schools Division  
Superintendent**

November 16, 2023

DIVISION MEMORANDUM

No. **0502**, s. 2023

**WINNERS OF THE DIVISION SCIENCE AND TECHNOLOGY FAIR 2023**

TO: ASDS  
Chiefs CID and SGOD  
Education Program Supervisors  
Public Schools District Supervisors / OIC PSDS  
Elementary and Secondary School Heads Public and Private  
All Others Concerned

1. DepEd Bohol through the Curriculum Implementation Division announces the winners of the Division Science and Technology Fair 2023 held at Reyna's the Haven and Gardens on **November 15, 2023**, with the theme: "**Rebuilding Resilient Communities: Embracing Science and Technology for a Sustainable Future**".
2. This office further expresses its sincere thanks and appreciation to all internal and external stakeholders especially to the **contestants, coaches, trainers, parents, school principals, LGU's of the different municipalities of the participating schools, and DepEd Officials** who served as Judges in the different contest categories and the Technical Working Group members who are instrumental to these achievements, adding pride to **DepEd-Bohol Division and Bohol province** in general.
3. The list of **1<sup>st</sup> place winners** attached are also sent via link to the regional office for prejudging to select the top 10 finalists among 20 divisions for the Regional Science and Technology Fair on November 27-29, 2023, at Ecotech, Cebu City. Those who will make it to the top 10 will be notified in another memorandum. The DSTF top 5 winners of the different categories will also be included as soon as complete information from the coaches is available.
4. **First place winners, coaches and Mr. Ruben Impang** of Felix Bompat HS, Panglao District, are advised to convene at Plaza Rizal, Tagbilaran City for the shooting of the shout-out video at **1:00 p.m , November 16, 2023**.
5. Immediate and wide dissemination of this memorandum is desired.

EVANGEL M. LUMINARIAS PhD, CESOV  
Schools Division Superintendent



0050 Lino Chatto Drive Barangay Cogon, Tagbilaran City, Bohol  
Tel Nos.: (038) 412-4938; (038) 411-2544 (038) 501-7550  
Telefax: (038) 501-7550 email add: deped.bohol@deped.gov.ph

Behold...  
**BOHOL**



Republic of the Philippines  
**Department of Education**  
 REGION VII – CENTRAL VISAYAS

**Office of the Regional Director**

**ENDORSEMENT**  
 November 15, 2023

This Office, through the Curriculum and Learning Management Division (CLMD) respectfully endorses the **SDO Bohol** entries **for the Regional Science and Technology Fair 2023**. To wit:

<b>I. LIKHA (LIFE SCIENCE- TEAM CATEGORY)</b>			
<b>Learners</b>	<b>Coach</b>	<b>School</b>	<b>Title of the Project</b>
ARVEE JANE M. DUCAO, MAE KYLA P. PAGARAN, MIKAELA A. TADLE	RYAN CARLO B. LAPUAG	DUSITA HIGH SCHOOL	EggCoPay: Optimizing Egg Yield in Philippine Leghorn Chickens ( <i>Gallus gallus domesticus</i> ) using Eggshells, Corn ( <i>Zea mays</i> ) bran, and Papaya ( <i>Carica papaya</i> ), as Feed Additives
<b>II. LIKHA (LIFE SCIENCE- INDIVIDUAL CATEGORY)</b>			
<b>Learners</b>	<b>Coach</b>	<b>School</b>	<b>Title of the Project</b>
RIANNE PEARL P. TADLE	NELPA W. GAMAYOT	DUSITA HIGH SCHOOL	"MALTIBAN FERTILIZER" FROM MALUNGGAY LEAVES ( <i>Moringa oleifera</i> ), ALUGBATI LEAVES ( <i>Basella alba</i> ), AND BANANA PEELINGS ( <i>Musa acuminata</i> )"
<b>III. LIKHA ( PHYSICAL SCIENCE – TEAM CATEGORY)</b>			
<b>Learners</b>	<b>Coach</b>	<b>School</b>	<b>Title of the Project</b>
MAE JANELI S. ABALO, MARK ARIES L. BERMOY, JOHN NICKO R. RICARDE	RICKY L. RAS	SAN ROQUE NATIONAL HIGH SCHOOL, ALBUR	EnviNa : Banana Pseudo-stem ( <i>Musa acuminata</i> ) as an Alternative Paper and Multi-Purpose Material
<b>IV. LIKHA (PHYSICAL SCIENCE-INDIVIDUAL CATEGORY)</b>			
<b>Learners</b>	<b>Coach</b>	<b>School</b>	<b>Title of the Project</b>
MA. DJOANNA B. SANCHEZ	JESSON B. LUNGAY	CALAPE NATIONAL HIGH SCHOOL	GENERATING ELECTRICITY FROM HUMAN URINE THROUGH MICROBIAL FUEL CELL
<b>V. LIKHA (ROBOTICS &amp; INTELLIGENT MACHINES – TEAM CATEGORY)</b>			
<b>Learners</b>	<b>Coach</b>	<b>School</b>	<b>Title of the Project</b>
NICOLE CHING ANGELA T. SANCHEZ, JUNO CAESAR O. ESCATRON, JASFER C. BOCAR	EMY FE C. LUSICA	CANDIJAY MUNICIPAL HIGH SCHOOL	PROJECT CIS-TEM: COORDINATED INTEGRATION OF SORTING, TRACKING AND EFFICIENT MANAGEMENT IN AUTOMATED PACKAGE DELIVERY
<b>VI. LIKHA (ROBOTICS &amp; INTELLIGENT MACHINES – INDIVIDUAL CATEGORY)</b>			
<b>Learners</b>	<b>Coach</b>	<b>School</b>	<b>Title of the Project</b>
John Imman C. Esterado	RONALD REY S. RESABAL	TUBIGON WEST CENTRAL HIGH SCHOOL	PROJECT GARDUINO: THE SMART GARDEN
<b>VII. LIKHA (MATH &amp; COMPUTATIONAL SCIENCE – TEAM CATEGORY)</b>			
<b>Learners</b>	<b>Coach</b>	<b>School</b>	<b>Title of the Project</b>

VENZ KIEFER C. NAMOCO, NAZZ ANGELO A. OLACO, MARY JOY R. RANQUE	VIA MARIE JOY P. CORPUZ	CANDIJAY MUNICIPAL HIGH SCHOOL	OPTIMIZING THE PERFORMANCE OF SOLAR PANELS USING MATHEMATICAL MODELING
<b>VIII. LIKHA (MATH &amp; COMPUTATIONAL SCIENCE – INDIVIDUAL CATEGORY)</b>			
<b>Learners</b>	<b>Coach</b>	<b>School</b>	<b>Title of the Project</b>
GLEIAN BRYLL J. ABAD	DARYL T. PAREDES	UBAY NATIONAL SCIENCE HIGH SCHOOL	PROGRAMMING APPLICATIONS OF THE SUCOBRIL FORMULA: DATE-TO-DATE CALCULATOR SOLVING THE EXACT WEEKDAY AND TOTAL NUMBER OF DAYS BETWEEN TWO GIVEN DATES
<b>IX. SIYENSIKULA (HIGH SCHOOL CATEGORY)</b>			
<b>Learners</b>	<b>Coach</b>	<b>School</b>	<b>Title of the Project</b>
MA. ANDREA D. CALDITO	KATHLEEN B. HURAÑO	CALAPE NATIONAL HIGH SCHOOL	A Compound Case File
<b>X. DIGITURO</b>			
<b>Learners</b>	<b>Coach</b>	<b>School</b>	<b>Title of the Project</b>
JOYMI D. BERNALES	-	LOURDES NATIONAL HS, PANGLAO	Eclipse
<b>XI. SIBOL Elementary</b>			
<b>Learners</b>	<b>Coach</b>	<b>School</b>	<b>Title of the Project</b>
CRISOL S. DELFIN, HANNA JANE A. CRISOLOGO, RIEMA CHLOE M. ANDRINO	JEANETTE C. REVILLA	UBAY CENTRAL ELEMENTARY SCHOOL	AHL Nutri Flour (Artocarpus Heterophyllus Lam Nutritious Flour)
<b>XII. INNOVATION EXPO (INDIVIDUAL)</b>			
KARL HADRIEL R. COLOYAN	Joven Jay S. Torion	SAN MIGUEL TECHNICAL VOCATIONAL SCHOOL	EnergyGuard: Smart Automation for Electricity Management
<b>XII. INNOVATION EXPO (TEAM)</b>			
DAVE ANTHONY P. BASTASA, NIÑA R. MAGALLEN, MERICON P. STA. ANA	CARYLL BIANCA S. DANO	SANDINGAN NATIONAL HIGH SCHOOL	INNOVATIVE HURDY-GURDY WATER WHEEL WITH AERO- SOLAR BACKUP POWER AS POTENTIAL ENERGY GENERATING SYSTEM IN  SANDINGAN ISLAND, LOON, BOHOL

  
**EVANGEL M. LUMINARIAS PhD, CESO V**  
 Schools Division Superintendent  
 SDO Bohol



**Address:** Doña M. Gaisano St., Sudlon, Lahug, Cebu City  
**Telephone Nos.:** (032) 231:1433; (032) 414-7399  
**Email Address:** region7@deped.gov.ph