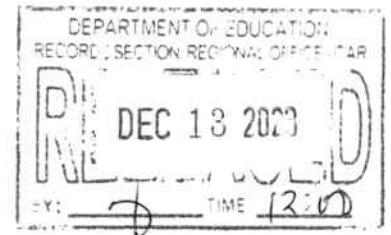




Republic of the Philippines
Department of Education
 CORDILLERA ADMINISTRATIVE REGION



12 Dec 2023

REGIONAL MEMORANDUM

No. **739, 2023**

RESULT OF THE 2023 REGIONAL SCIENCE AND TECHNOLOGY FAIR

To: Assistant Regional Director
 Schools Division Superintendents
 All Schools Division Offices
 All Others Concerned

- This office would like to announce and congratulate the winners of the 2023 Regional Science and Technology Fair conducted at Lagawe Central School, Ifugao on December 7 and 8, 2023.
- Below are the winners:

Event	Division/ School	Project Title	Place
MCST-Team	Cordillera Regional Science HS	COMPARISON OF ALLOMETRIC MODELS USED IN ESTIMATING ABOVEGROUND BIOMASS TO DETERMINE THE CARBON SEQUESTRATION CAPACITY OF BENGUET PINE	1 st
	Abra	SOLID WASTE MANAGEMENT AWARENESS OF ABRA HIGH SCHOOL	2 nd
	Baguio	EFFICIENCY EVALUATION OF EVACUATION ROUTES: A COMPUTATIONAL STUDY AT GUI SAD NATIONAL HS	3 rd
MCST - I	Cordillera Regional Science HS	FORECASTING NO2 AND SO2 CONCENTRATIONS WITH POLYNOMIAL INTERPRETATIONS	1 st
	Tabuk City	THE AREA OF A SHRINKING COMPASS ROSE IN THE NTH STAGE	2 nd
	Apayao	ENHANCING FLOOD RESILIENCE IN A FLOOD PRONE MUNICIPALITY: A MULTIVARIATE ANALYSIS OF PREDICTIVE FACTORS	3 rd
SEI - I	Baguio City	ADVANCE HAZARD AND LANDSLIDE SURVEILLANCE	1 st
	Cordillera Regional Science HS	RESONATOR MADE FROM PINE TREE BARK FOR THE EXHAUST SYSTEM OF MOTORCYCLE HEHICLE	2 nd
	Abra	WARNING SENSOR WITH SMS NOTIFICATION FOR ILLEGAL PARKING	3 rd
SEI-T	Kalinga	SOLAR POWERED LIGHT TRAPPING DEVICE FOR RICE PEST	1 st
	Benguet	IMPROVISED SOLAR POWERED GRASS CUTTER	2 nd
	Abra	ARDUINO-BASED PORTABLE CROWD CONTROL SYSTEM THROUGH RFID	3 rd
RIM -I	Benguet	"SAGIP BOT" SOLAR POWERED AND LOT BASED EMERGENCY BOT	1 st
	Apayao	SMART BIKE SHIFTER DEVELOPMENT	2 nd
	Abra Baguio	MULTI-GUARD: ANTI-VEHICLE THEFT GPS AND NOTIFICATION SYSTEM	3 rd



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DepEd Tayo Cordillera

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Event	Division/ School	Project Title	Place
		SMART DENSITY-BASED TRAFFIC MANAGEMENT SYSTEM	
RIM - T	Abra	ROWBOAT: SOLAR POWERED AND WEB-BASED RC WASTE COLLECTOR WITH WATER QUALITY MONITORING SYSTEM	1st
	Tabuk City	EFFICIENCY OF SOIL MIXTURE SENSOR AND DHT-II FORREST FIRE EARLY WARNING SYSTEM	2nd
	Cordillera RSHS	AUTOMATED POTATO CROP GRADING AND SORTING SYSTEM	3rd
PS - I	Benguet	OPTIMIZATION OF PORTABLE TURBINE GENERATOR FOR SUSTAINABLE ENERGY	1st
	Mt. Province	CALAMANSI WITH IONIC COMPOUND AS AN ALTERNATIVE POWER SOURCE	2nd
	Apayao	DESIGN, FABRICATION, AND TESTING THE EFFICIENCY OF TURBO STOVE	3rd
PS-T	Abra	SOLAR POWERED PORTABLE WASTE BIN WITH SENSOR TRIGGERED SANITIZER	1st
	Baguio City	BIO-ABSORPTION POTENTIAL OF SAGADA ORANGE ON LEAD - CONTAMINATED WATER	2nd
	Cordillera RSHS	FABRICATION AND TESTING OF RESONATOR IN THE EXHAUST SYSTEM FOR AUTOMOBILE VEHICLES USING DISCARDED PINE TREE BARK AS CARBON EMISSION ABSORBER.	3rd
LS-T	Apayao	THE EFFECTIVENESS OF PAGAR PAGAR ORGANIC PESTICIDE SPRAY IN HELICOVERPA ZEA	1st
	Cordillera RSHS	POTENTIAL OF SUNFLOWER AND CHRYSANTHEMUM LEAF EXTRACT IN INHIBITING POTATO CYST NEMATODE EGG HATCHING	2nd
	Baguio City	ANTIBACTERIAL POTENTIAL OF SELLIGUE TAENIATA EXTRACT: A NATURAL RESOURCE FOR BACTERIAL INFECTION	3rd
LS - I	Baguio City	MULTIPLE SHOOT AND LEAF INDUCTION ON STEVIA REBAUDIANA THROUGH IN-VITRO PLANT TISSUE CULTURE TECHNIQUE	1st
	Cordillera Regional SHS	STRUCTURE AND RESPONSE OF TIKLEG AND TUEL NATURAL REGENERATIONS TO ARTIFICIAL FOREST FLOOR DISTURBANCES	
	Benguet	THE LARVICIDAL EFFICACY OF PAPAYA LEAVES AND BITTER GOURD FRUITS JUICE MIXTURE	3rd

3. The first placers will represent CAR in the National Science and Technology Fair.
4. For inquiries or concerns, please contact CES Jennifer P. Ande at (074) 422-7096 or 09190073814.
5. For dissemination and information.


 Carino Estela Leon
 2023.12.13
 11:08:04 +08'00'
ESTELA P. LEON-CARIÑO EdD, CESO III
 Director IV/Regional Director

CLMD/JPA/acm
12/12/2023