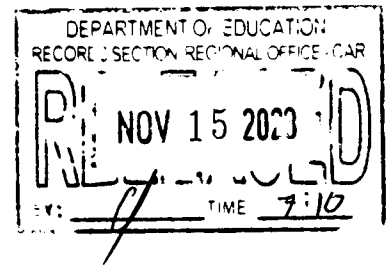




Republic of the Philippines
Department of Education
 CORDILLERA ADMINISTRATIVE REGION



14 November 2023

REGIONAL MEMORANDUM

No. 686-2023

2023 REGIONAL SCIENCE AND TECHNOLOGY FAIR

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

- The Department of Education-Cordillera Administrative Region (DepEd-CAR) values the importance of Science and Technology Fair in shaping the holistic development of the learner. The event integrates the cultivation of research skills such as critical thinking, problem-solving, and the stimulation of innovation and creativity. These competencies not only propel academic success but also prepare the students for excellence in their future academic pursuits and careers.
- The 2023 Regional Science fair will be conducted on December 7 and 8 at SDO Ifugao with the theme **Rebuilding Resilient Communities: Embracing Science and Technology for Sustainable Future**.
- The official participants from each division shall only be the rank 1 Division winners in each of the different categories whose entries have been approved by the Regional-level Scientific Review Committee (SRC).

No.	Event	Participant	Total
1	Life Science a. Individual b. Team	1 Maximum of 3 2 Coach	6
2	Physical Science a. Individual b. Team	1 Maximum of 3 2 Coach	6
3	Robotics and Intelligent Machine a. Individual b. Team	1 Maximum of 3 2 Coach	6
4	Mathematics and Computational Science a. Individual b. Team	1 Maximum of 3 2 Coach	6
5	National Science Innovation Expo a. Individual b. Team	1 Maximum of 3 2 Coach	6



Address: DepEd-CAR Complex, Wangal, La Trinidad, Benguet, 2601
 Telephone No: (074) 422 – 1318
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DepEd Tayo

<https://depedcar.ph>

No.	Event	Participant	Total
6	5 other officials (SDS, ASDS, EPS Science, EPS Math, Observer)	5	5
	Total		35

4. Last submission of research manuscript at the Regional Office will be on November 30, 2023.
5. The names of TWG and SRC members will be issued in a separate memo.
6. The travel and other expenses of participants shall be charged against local funds subject to the existing budgeting, accounting, and auditing guidelines rules and regulations.
6. For inquiries or concerns, please contact CES Jennifer P. Ande at (074) 422-7096 or 09190073814.
7. Immediate dissemination of this memorandum is desired.


ESTELA P. LEON-CARIÑO EdD, CESO III
 Director IV/Regional Director 

CLMD/JPA/acm
14/11/2023

2023 Regional Science and Technology Fair (RSTF)

Events	Category	Description
<p>1. TUKLAS</p> <ul style="list-style-type: none"> The competition is open to Grades 9-12 learners of both public and private high schools in the Philippines who have not reached the age of 20 on or before May 1 of the current school year. First place in the Division Science Fair will advance in the regional level. 	<p>A Research Project Fair</p>	<p>A STEM research competition that provides opportunities for Junior and Senior High School learners to showcase their research projects based on their field of interest and/or real-world problems, issues, and concerns</p>
	<p>a. Mathematics and computational Science</p>	<p>Mathematics deals with the measurement, properties, and relationships of quantities and sets using numbers and symbols. Subcategories include Algebra, Analysis, Combinatorics, Graph Theory, Game Theory, Geometry and Topology, Number Theory, and Probability and Statistics. Computational Science deals with the development and implementation of mathematical models and simulations to understand natural systems and processes and solve STEM problems using computers. Subcategories include Computational Biology and Bioinformatics, Computational Chemistry, Computational Mechanics, and Theoretical, Computational and Quantum Physics.</p>
	<p>b. Life Science</p>	<p>This category deals with living organisms such as plants, microorganisms, and animals including humans and their life processes. Projects that involve systematic observation, development, experimentation, and understanding of living things and biological processes belong to this category. Subcategories include Animal Sciences, Biomedical and Health Sciences,</p>

		Cellular and Molecular Biology, Microbiology, Plant Sciences, and Translational Medical Science.
	c. Physical Science	This category deals with the nature and properties of nonliving matter, energy and systems. Projects that involve systematic observation, development, experimentation, and understanding of materials and phenomena belong to this category. Subcategories include Astronomy, Chemistry, Earth and Environmental Sciences, Energy, Engineering Technology, Statics and Dynamics, Sustainable Materials and Design, Environmental Engineering, Materials Science, and Physics.
	d. Robotics and Intelligent Machine	This category deals with the design, implementation, and use of prime technologies and machine intelligence in providing a wide range of innovative solutions and advancements across multiple disciplines to reduce reliance on human intervention. Subcategories include Biomechanics, Cognitive Systems, Control Theory, Machine Learning, and Robot Kinematics.
2.INNOVATION EXPO	GAWAD AgLiTekno	A Technology Innovation competition which aims to recognize the most creative and market viable project addressing major issues in food safety, water conservation, renewable energy, cyber security, road safety, health, disaster mitigation, agriculture, and environment.