



Republic of the Philippines
Department of Education
REGION XI
SCHOOLS DIVISION OF DIGOS CITY

OFFICE OF THE SCHOOLS DIVISION SUPERINTENDENT

DIVISION MEMORANDUM

CID-2024- 502

To : Assistant Schools Division Superintendent
CID Chief
Concerned Public Schools District Supervisors
Education Program Supervisor in Math and Science
Public and Private Secondary School Heads
Public and Private Elementary School Heads
Public and Private School Teachers
All Others Concerned

Subject : **DIVISION SCIENCE AND TECHNOLOGY FAIR 2024**

Date : October 31, 2024

The National Science and Technology Fair is an annual competition in Science, Technology, Engineering, and Mathematics (STEM) research and innovation, organized by the Department of Education. This competition includes elementary, junior high, and senior high school learners and progresses from the school level through cluster, division, regional, and national stages.

For this year's edition, the Schools Division of Digos City will hold the Division Science and Technology Fair 2024 on November 8, 2024, at Igpit National High School.

To prepare schools in the upcoming event, the following timeline has been established:

Activity	Date and Schedule
Ocular Visit, conference and preparation with the host school	November 4-7, 2024
Submission of Pre-registration Form	November 4-5, 2024
Submission of Manuscripts (Soft Files)	November 5-6, 2024
Conference with the TWGs at DICNHS	November 6, 2024
Submission of Entries to the Judges	November 6, 2024
Conduct the Technical Run and Hall Preparation by all the Members of the TWG	November 7, 2024
Putting up of Research Exhibit by the Student-Coach Participants	November 8, 2024 @ 6:00AM-8:00AM
Division Science and Technology Fair Opening	November 8, 2024 @ 8:30AM
Division Science and Technology Fair Culmination Program and Awarding Ceremony	November 8, 2024 @ 4:00PM
Online Post Conference with the winning entries and TWG (link to be released)	November 9, 2024
Critiquing of the winning entries	November 9-10, 2024
Finalization of the attachments of the entries	November 11-14, 2024
Submission of entries to the RSTF	November 13-15, 2024

The official participants from each school shall only be two (2) in each category. Substitutes shall not be allowed. The description and the maximum number of the official participants are the following:

I. Maximum Number of Student and Coach Participants per secondary school

Categories	Number of Students together with Coaches per school				TOTAL
	Individual (1*2)	Coach (1*2)	Team (3*2)	Coach (1*2)	
Life Science Category	2	2	6	2	12
Physical Science Category	2	2	6	2	12
Robotics and Intelligent Machines Category	2	2	6	2	12
Mathematics and Computational Science Category	2	2	6	2	12
Innovation Expo Category	2	2	6	2	12
TOTAL	10	10	30	10	60

II. Maximum Number of Student and Coach Participants per elementary school

Category	Number of Students together with Coaches per school				TOTAL
	Individual (1*2)	Coach (1*2)	Team (3*2)	Coach (1*2)	
Physical/Life Category	2	2	6	2	12

III. Maximum Number of Participants

Category	Number of Students together with Coaches per school	TOTAL
Actual Robot Assembly with Line Tracing	3	12

**Participants are advised to bring their own robots and line tracer for this competition.*

The participants are required to submit soft copies through the link <https://forms.gle/uSTXKRfj6C7PnL79> and three (3) copies of the letter-size softbound manuscripts on or before November 7, 2024 at the Division CID Office, Roxas Street cor. Lopez Jaena Street, Zone II, Digos City.

Concerned Public Schools District Supervisors are encouraged to promote participation from all public schools within their jurisdiction. Private Schools are also encouraged to participate and compete in the said event. There will be no separate competitions for junior and senior high school key stages.

The list of the TWGs, program of activities, guidelines and criteria, are in the enclosures.

School heads are reminded to implement alternative mode of delivery to ensure that classes of the teacher-participants and the host school will continue while they are participating the activity.

Complete details of the event mechanics and guidelines can be found in the SSTF, DSTF, RSTF and NSTF Handbook (<https://tinyurl.com/39cevax2>) . Please note that changes may occur and updates to the guidelines will be implemented upon the release of the latest issuance from the DepEd Central Office. Participants are encouraged to stay updated with the recent issuances for further guidance on this matter.

Food, transportation and other incidental expenses of the students, coaches and TWGs shall be charged to school MOOE / local funds. All procurement activities shall be subject to the usual accounting and auditing rules and regulations.

For queries, you may contact Dr. Ivy F. Solano at mobile number 09295285142.

Immediate and wide dissemination of this Memorandum is earnestly desired.

For and in the absence of
Schools Division Superintendent


SOLLIE B. OLIVER, JD, MATE
Chief- School Governance and Operations Division
Officer-In-Charge 

Enclosed: As stated.

CID/ifs

DepEd Schools Division of Digos City
RECORDS SECTION
RELEASED
DATE: NOV 05 2024 TIME: 1:20 PM
BY: 

GUIDELINES FOR THE CONDUCT OF THE DIVISION SCIENCE & TECHNOLOGY FAIR (COMPETITION PROPER)

All participating entries must adhere to the guidelines stipulated in the International Rules for Pre-College Science Research: Guidelines for Science and Engineering Fairs which were also used as reference in the School/ Division/ Regional/ National Science and Technology Fair Guidebook issued by DepEd Central Office.

The S & T Fair includes the following research categories:

- A. Likha (Science Research Competition): Life Science, Physical Science, Robotics and Intelligent Machines, Mathematics and Computational Science
- B. Gawad Aglitekno: Science Innovation Expo.

Proponents of the official list of entries of science research studies are encouraged to wear a comfortable smart casual attire. They must also wear their School I.D.

All entries should have been registered before the start of the Opening Program. The registration number should be attached at the uppermost left corner of the exhibit.

1. There will be two stages in the S & T Fair:

Stage 1: Gallery Walk (9:30 AM – 11:30 AM)

Judges will conduct the gallery walk to select the Top 3* entries (*subject as well to the decision of the board of judges). Proponents should be present beside their exhibit/ display during the gallery walk.

The proponents must be ready to present their research in 3-4 minutes. Actual outputs and research journals (proponent/s' record of activities done) should be present. These may be asked by the judges to validate and establish the extent of research work done by the proponents.

The dimensions (in portrait style) of the project board are:

- For Tarpaulin (Glossy Paper): Maximum size of 2.5 meters high & 1 meter wide
 - For Cintra Board: At least 2 feet by 4 feet
- (You may choose any of the suggested materials.)*

Researchers may bring actual devices/ prototypes or outputs, provided that hazardous materials (such as chemicals or open flames) and substances are not used.

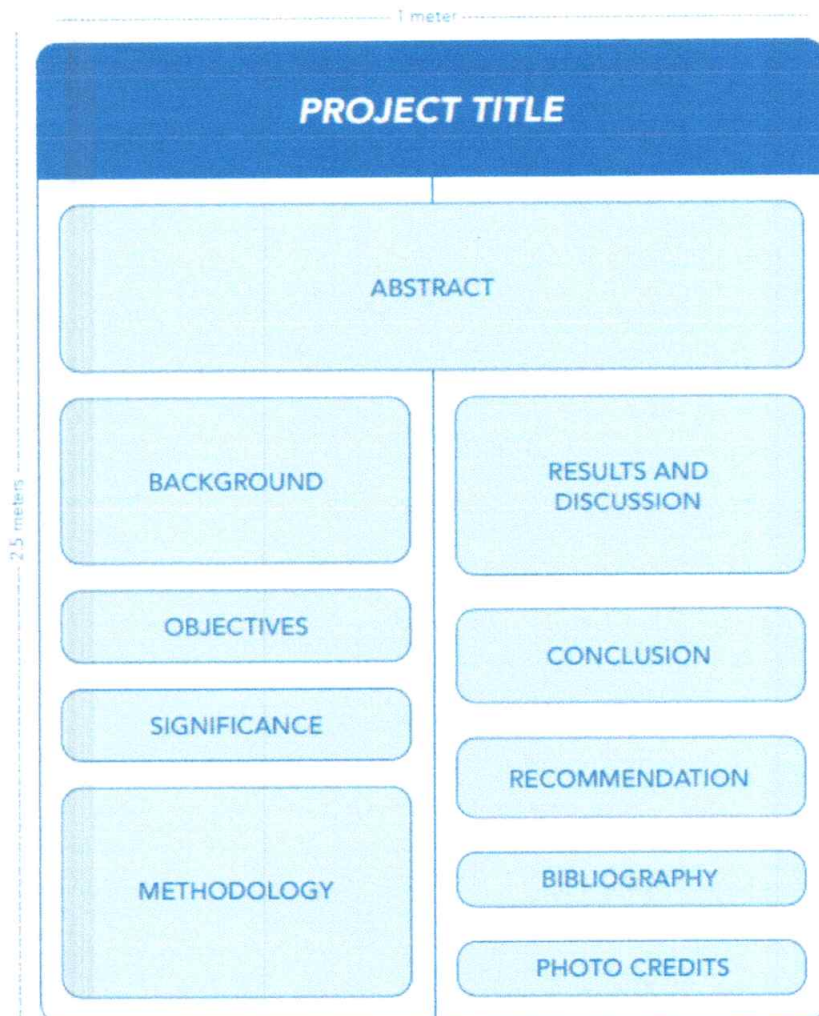
The contents of the exhibit for Life Science, Physical Science, RIM, and MCS are Abstract, Background, Objectives, Significance, Methodology, Results and Discussion, Conclusion, Recommendations, Bibliography (at most 3 entries), and Photo Credits (incl. Illustrations and Graphics).

For Science Innovation, the display/ exhibit shall contain the following information:

- Title – The title should be short but would capture the essence of the production/ invention.
- Picture – Picture of the product/ invention only
- Overview – What problem is solved by the invention? What are the existing solutions and what limitations do these solutions have?
- Key Features – What are the novelty features of this invention?
- Benefits and Impact – What are the benefits/ impact of this invention to human?
- Developers' Name – Who is/ are the inventors?

Physical Project Board Dimension:

The dimensions of the project board may not exceed 2.5 m high and 1m wide.



SCHOOL, DIVISION, REGIONAL, AND NATIONAL SCIENCE AND TECHNOLOGY FAIR GUIDEBOOK

Based on DepEd Memorandum No. 113, s. 2019/ DepEd Memorandum No. 068, s. 2023

The judges shall select the Top 3* entries among the registered entries of each science research category. These selected entries shall proceed to Stage 2 – Presentation and Final Interview.

(* Subject to the deliberation of the Judges: The judges may decide to select the top 4/ 5 entries to get to know the studies better.)

The criteria for Judging shall be as follows:

For Life Science, Physical Science, RIM and MCS:

Criteria	Weight/ Maximum Points
Scientific Thought and Engineering Goal	30 Points
Creativity and Resourcefulness	30 Points
Thoroughness	15 Points
Research Skill	15 Points
Oral Presentation Skills	10 Points
Total	100 Points

For Science Innovation:

Criteria	Weight/ Maximum Points
Originality and Innovation	30 Points
Community Connection & Impact	25 Points
Functionality and Quality	25 Points
Utilization of Patent Information	20 Points
Total	100 Points

Based on DepEd Memorandum No. 113, s. 2019/ DepEd Memorandum No. 068, s. 2023

Stage 2: Presentation and Final Interview of the Top 3* Entries (2:00 PM to 3:30 PM)

The Top 3* Entries will present their studies and undergo the final interview. Each entry that qualified in this Stage shall be given a maximum of 5 minutes to present their studies. Judges shall be given a maximum of 8 minutes to ask the proponents some questions relevant to their study.

The criteria for rating the entries in this round shall be the same criteria in Stage 1.

- The scores of the teams in Stage 1 shall not affect the final ranking in Stage 2. The team with the highest earned scores (average of the judges’ ratings) shall be declared as Champion / First Place/ Gold Medal Awardee. The second in rank shall be declared 1st Runner-up/ Second Place/ Silver Medal Awardee, while the third in rank shall be declared 2nd Runner-up/ Third Place/ Bronze Medal Awardee.
- A medal and Certificate of Recognition shall be provided to the Top 3 participants, while all participants shall get a Certificate of Participation.
- The decision of the panel of judges is final and irrevocable.
- The Top 2 Entries per science research category shall represent the Schools Division of Davao City to the 2024 Regional Science and Technology Fair (RSTF).
- In preparation for the Regional Science and Technology Fair for SY 2024-2025 competition in November 2024, all first and second place winners shall convene right after the competition. The deadline of submission of entries to the RSTF for scientific review will most likely be 2 weeks prior to the contest proper.

Members of the Division Technical Working Committee

No	Name	Station	TOR
1.	Beverly Daugdaug	SDO-CID	Overall Chairperson
2.	Ivy F. Solano	SDO-CID	Overall – Supervising Chairperson
3.	Jem Boy B. Cabrella	SDO-CID	Overall – Supervising Co-chairpersons, Logistics and other related tasks
4.	Jessica G. Lucero	SDO-CID	
5.	Gervasio R. Salinas, Jr.	SDO-CID	
6.	Jernalyn L. Castro	DICNHS	Staff, Paper / Photo Documenter and other related tasks
7.	Beth B. Dedace	DICNHS	Supervising Members and other related tasks: Program (opening and closing), Hall Preparation, Leis, Attendance, Terminal Report, Medals, Certificates, Robotics Line Tracing, Judging Sheets, other errands
8.	Aileen Joy M. SAnchez	DICNHS	
9.	Floradel Dumadag	DICNHS	
10.	Eileen Artiaga	DICNHS	
11.	Maricel Manceras	DICNHS	
12.	Jaime Crispino	DICNHS	
13.	Maribel Solis	DICNHS	
14.	Jemboy Banga	DICNHS	
15.	Gladys Rafil	DICNHS	

REGISTRATION FORM

Name of School _____

Name of Principal _____

Name of School Science Coordinator _____

EVENT		CONTESTANT	COACH	TITLE OF SIP
SIP Individual	Life			
	Physical			
	Innovation			
	Robotics			
	M&CS			
Team	Life			
	Physical			
	Innovation			

EVENT		CONTESTANT	COACH	TITLE OF SIP
Team	Robotics			
	M & CS			

TOTAL NUMBER OF PAX

Note: Print and submit this form to the Registration In charge after registering.