



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

**Office of the Schools Division
Superintendent**

November 5, 2024

DIVISION MEMORANDUM
No.769, s. 2024

**SDO TAGBILARAN QUALIFIERS FOR THE REGIONAL SCIENCE
AND TECHNOLOGY FAIR 2024**

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

1. In line with the Regional Memorandum No. 1026 s. 2024, this Office, through the Curriculum and Implementation Division (CID), announces the **Qualifiers for the Regional Science and Technology Fair (RSTF) 2024 this coming November 11-13, 2024 at DepEd Ecotech Center, Sudlon Lahug, Cebu City.**

2. The following are the Finalist for the Regional Science and Technology Fair 2024 to represent the Tagbilaran City Schools Division.

A. Tuklas – Physical Science – Individual Category

School	Name of Learner	Name of Coach
Tagbilaran City Science High School	Lorraine Anne Paglinawan	Gloria P. Simogon

B. Tuklas – Robotics and Intelligent Machines – Individual Category

School	Name of Learner	Name of Coach
Dr. Cecilio Putong National High School	Aleiah Faye Culaste	Felix C. Castaño Jr.

C. Tuklas – Robotics and Intelligent Machines – Team Category

School	Name of Learner	Name of Coach
Dr. Cecilio Putong National High School	Christian Dominic S. Dacera	Felix C. Castaño Jr.
	Noah M. Baton	
	Dan Ezequiel Jalme Amo	

D. Tuklas – Mathematics and Computational Science – Team Category

School	Name of Learner	Name of Coach
Holy Name University	Kessy Maureen J. Comendador	Hannah Zoe Maglajos
	Shania Kate C. Namoco	
	Chelsea May B. Solana	

E. Tuklas – Innovation Expo – Team Category

School	Name of Learner	Name of Coach
Tagbilaran City Science High School	Jessa Marielle G. Bongcaron	Abbigail Caluya
	Labina Mae S. Gilbuena	
	Harris Dave G. Ligtas	

F. Siyensikula – HS Category

School	Name of Learner	Name of Coach
Holy Name University	Gasa Gaea B. Mende	Clarita Pajo

- Regional Science and Technology Fair (RSTF) 2024 PMT are the following: **Dr. Cherry Michelle F. Collyer** – Education Program Supervisor in Science and **Dr. Elisa B. Geagonia** – Education Program Supervisor in Mathematics.
- A **Registration Fee of Php 3,500.00** will be collected from each participant. This will cover board, lodging, and incidental expenses for participants and judges during the event. Travel and other incidental expenses, as well as the registration fee, shall be charged to the School/Division MOOE, PTA Fund, SEF, or other available fund sources, subject to standard government accounting and auditing rules and regulations.
- All participants are required to stay on a live-in basis for safety and to accommodate the late dismissal of competitions. Participants who wish to arrive the night before the event or stay an additional night after the last day must cover their own additional boarding expenses not included in the registration fee.
- The Finalist are expected to wear a formal business attire on Days 1 and 2 of the competition. Coaches are encouraged to wear SDO shirts, school shirts, whichever is available.
- Finalist and coaches should arrive for registration on Day 0 at 2:00PM at DepEd Ecotech Center, Sudlon Lahug, Cebu City. The first meal provided will be dinner on Day 0, and the last meal will be afternoon snacks on Day 2, except for TWG and coaches, whose last meal will be dinner on Day 2.
- School Heads are advised to make arrangements for the classes of designated coaches to ensure uninterrupted learning, or through modular instruction.

9. Finalists are required to bring a small hometown delicacy (such as candy or biscuits) or a souvenir (like key chain) for the RSTF Finalists` Mixer on Day 1 from 5:00PM to 6:30PM at the Pavilion Hall.
10. Please see attached **Enclosure 2 - RSTF 2024 Program Matrix and Enclosure 3 – Mechanics, Scoring Tools and Point System AND Enclosure 4 – Assignment of EPS Science and Math** for your reference.
11. Immediate dissemination of and compliance with this memorandum are directed.

WILFREDA D. BONGALOS PhD CESO V
Schools Division Superintendent

For SDS:


JOHN ARIEL A. LAGURA PhD
OIC, Assistant Schools Division Superintendent

WDB/JAAL/CID/JTB/cmfc



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Enclosure 2

RSTF 2024 PROGRAM MATRIX
 November 11-13, 2024/ DepEd Ecotech Center

Day 0 – November 11, 2024	
1:00 pm - 4:00 pm - Arrival – Frint Desk Lobby	
3:00 pm – 6:00 pm – Photobooth – Pavilion Hall Lobby	
4:00 pm -6:00 pm – Poster Mounting - Hallway	
6:00 pm -7:00 pm – Dinner – Claiming at Dining Area	
Day 1 – November 12, 2024	
7:00 am	Assembly Time Venue: Pavilion Attire: SDO T-Shirts (EPS and Coaches) Formal Attire (Learners)
8:00 am	Opening Program I. Preliminaries – National Anthem – AVP and Doxology – AVP II. Welcome Message – Dr. Maria Jesusa C. Despojo, CLMD Chief III. Shout Out Video (20 SDOs) – RSTF We are Ready! IV. Awarding of the Best in Shout Out Award V. Promotional Video of the Sponsor – Vivant Foundations, Inc. VI. Message from the Executive Director of Vivant Foundations Inc. – Mr. Shem Jose Garcia VII. Message from the Regional Director- Dr. Salustiano T. Jimenez or ARD – Atty Fiel Y. Almendra VIII. Walk Through of the Program and Introduction of the BOJ – Dr. Bryant C. Acar, EPS Science IX. Formal Opening of the RSTF 2024 – Dr. Salustiano T. Jimenez or Atty Fiel Y. Almendra
9:00AM-10:00 AM	Cutting of Ribbon of the Research Poster Exhibits and Open House
10:00 AM - 6:00 PM	Start of the Competition A. Cluster 1 (Tuklas - Life Science) Venue: New Dining Room 1 st Floor PMT: SDO Cebu City (Judges) SDO Canlaon City (Finalist) B. Cluster 2 (Tuklas -Physical Science) Venue: New Dining Room 2 nd Floor PMT: SDO Bogo (Judges) SDO Danao (Finalist) C. Cluster 3 (Tuklas- Robotics & Intelligent Machines) Venue: Dining Annex PMT: SDO Mandaue (Judges) SDO Naga (Finalist) D. Cluster 4 (Tuklas- Math & Computational Science) Venue: Molave PMT: SDO Negros Oriental (Math) (Judges) SDO Mandaue (Math (Finalist) E. Cluster 5 (Innovation Project Expo.)



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Certificate No. PHP QMS 2402 0185

	<p>Venue: Kamagong PMT: SDO Toledo (Judges) SDO Tanjay (Finalist)</p> <p>F. Cluster 6 (Sibol SIP Elementary; Siyensikula & Digturo) Venue: Pavilion PMT: SDO Bais (Judges) SDO Guihulngan (Finalist)</p>
Day 2: November 13, 2024	
8:00 AM- 10:30 noon	Preliminaries Awarding of Certificates of Recognition to RSTF 2024 Finalists and Coaches Announcement of Top 5 Finalists Final Presentation, Judging and Recommendations of Projects Venue: Same in Day 1 Clustering
10:30- 12:00 PM	Final Deliberation with the Judges Venue: Executive Hall Participants: RO 7 EPS Science and Math and Tally Team
12:45-2:00 PM	Closing Program <ol style="list-style-type: none"> I. Preliminaries – National Anthem - AVP Doxology = AVP II. Opening Remarks – Dr. Maria Jesusa C. Despojo, CLMD Chief III. Promotional Video of the Sponsor – Vivant Foundations, Inc. IV. Congratulatory Message – Mr. Jose Shem Garcia, CEO Vivant Foundations Inc. V. Awarding of Certificate of Recognition to SDO Finalists and Coaches VI. Congratulatory Message – Dr. Salustiano T. Jimenez, RO7 Regional Director VII. Announcement and Awarding of Winners: To Award: CLMD Chief, CEO of Vivant Foundations Inc, ARD and RD <ol style="list-style-type: none"> 1. Life Science – Chair of BOJ 2. Physical Science – Chair BOJ 3. Robotics & Intelligent Machines – Chair BOJ 4. Math and Computational Science – Chair BOJ 5. Innovation Project Expo – Chair BOJ 6. Sibol, Siyensikula & Digturo – Chair BOJ 7. Over-All Winners VIII. Closing Remarks – Mr. Cesar A. Restauero Jr, RO 7 EPS Science IX. Close Door Meeting with the Regional First Place Winners with National Competition (Students, coaches, EPSs and Judge Mentors)

9. Finalists are required to bring a small hometown delicacy (such as candy or biscuits) or a souvenir (like key chain) for the RSTF Finalists` Mixer on Day 1 from 5:00PM to 6:30PM at the Pavilion Hall.
10. Please see attached **Enclosure 2 - RSTF 2024 Program Matrix and Enclosure 3 – Mechanics, Scoring Tools and Point System AND Enclosure 4 – Assignment of EPS Science and Math** for your reference.
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Enclosure 3

MECHANICS, SCORING TOOLS AND POINT SYSTEM

A. Research Presentation of the Top 10

1. **Venue Setup:** The finalists are advised to assemble in the designated room 15 minutes before 10:00 am on Day 1. The venue will be arranged as follows: a single long table for the judges with the chairman in the center, facing the audience. To the left of the judges, there will be another long table for the Technical Working Group (TWG). To the right of the judges, a space will be designated for the presenters, projector screen, and projector, along with a small table and chair for the laptop.
2. **Seating Arrangement:** Finalists and their coaches will be seated in the following order: Entry 1 at the first seat in front, followed by Entry 2, and so on. Any guests or audience members not associated with the finalists should be seated at the back of the room.
3. **Preliminaries.** On Day 1, the TWG will welcome everyone to the contest venue. Introduce the board of judges and read the Instruction for contest presentation. On Day 2, the TWG will start the contest with a Nationalistic song and prayer.
4. **Introduction:** The event in-charge will introduce each team by announcing the School Division Office (SDO), title, proponents, and coach.
5. **Presentation Materials:** Hard copies of research papers, forms, and logbooks will be provided to the judges before each presentation. The TWG will label the folders according to the number assigned in the Regional Memo, following the alphabetical order of SDOs. These documents shall be given before the start of each presentation.
6. **Slide Deck/Video Presentation:** The entry coach will control and manage the slide deck/video using their laptop. The slide deck should contain a maximum of 12 slides, including a title page, rationale, problems/objectives/hypothesis, methods, tabular or graphical results, pictures/certifications, and conclusion. Use 18-24 font size and Bookman Old font style while using the provided template.
7. **Presentation Time:** Each entry will have 10 minutes to present their research, followed by a 5-minute question and answer session with a designated judge. Each judge will question one entry. A bell will signal the start and end of the presentation and the Q&A.
8. **For Physical Science, Robotics and Innovation categories** that require presentation of the prototypes and models, the presentation is 5 minutes, demonstration of prototype is 5 minutes and Q&A is also 5 minutes.
9. **Smooth Transitions:** During the Q&A of one entry, the next entry should prepare their slide deck presentation in advance to ensure a smooth transition between presentations.

10. Scoring Confidentiality: All scores will be computed by the judges and kept confidential until the announcement time.

B. Research Presentation of the Top 5

1. Announcement: The Top 5 finalists will be announced on the morning of the final day of the competition by the chairman of the judges.
2. Seating: The Top 5 finalists should sit in front in the same order as announced by the chairman of the judges.
3. Presentation Format: The presentation will no longer require the use of slide decks. Finalists will have 3 minutes to provide a summary of their research through an oral presentation. A designated judge will be given 5 minutes to ask questions.
4. Judges' Decision: The results based on judges' decision are considered final and unappealable.


C. Presentation of Siyensikula and Digituro

1. Venue Setup: The setup of the venue will be like the Top 10 presentations, with a long table for judges and a space for presenters, a projector screen, and a projector with a table and chair for a laptop.
2. Seating Arrangement: Finalists and coaches should be seated in alphabetical order of the SDOs. Non-finalist guests or audience members should sit at the back.
3. Introduction: The event in-charge will introduce each team by announcing the SDO, title, proponents, and coach.
4. Presentation Flow: The presentation will consist of playing a video followed by a Q&A session with a designated judge.
5. Video Control: Finalists and coaches will be responsible for playing their own video.
6. Smooth Transitions: Just like the Top 10 presentations, during the Q&A of one entry, the next entry should prepare their video presentation in advance to facilitate a smooth transition.
7. Scoring and Results: Scoring and final computation will be conducted by the judges under the leadership of the chairman.
8. No Top 5 Presentation: There will be no additional final rounds or Top 5 presentations for Siyensikula and Digituro. The Top 5 will be announced during the awarding program.
9. Judges' Decision: The results based on judges' decision are considered final and unappealable.



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D. Poster Display and Presentation

1. **Poster Dimensions:** For the SIP Tuklas and Sibol Contests, poster displays should be printed on tarpaulin with dimensions of 2 meters in height and 1 meter in width (portrait). Each corner of the tarpaulin should have eyelets and be tied with a plastic straw. All poster displays will be set up in the designated hallway of Ecotech Center, and coaches are encouraged to recycle display boards as learning materials.
2. **Content:** The project display should include the following elements: Title, Abstract, Background, Objectives, Significance, Methodology, Results and Discussion, Conclusion, Recommendations, Bibliography, and, if applicable, Photo Credits (including illustrations and graphics).
3. **Innovation Expo Contest Display:** The Innovation Expo Contest Display Board should also use tarpaulin with the same size dimensions. The content should include the following: Title, Introduction, Problem Statement, Solution/Innovation, Features and Specifications, Materials and Methods, Results and Discussion, Benefits, Visuals, Conclusions, Future Development, and Developer's Name.
4. **Poster Exhibit:** The poster exhibit will begin immediately after the opening program. One finalist should be present at the displayed poster to answer questions from guests until 10:00 AM. The rest of the finalists, coaches, and judges should assemble in the designated room for the Research Presentation.
5. **Display Duration:** Posters should remain displayed until the closing program and should be taken down after the event's conclusion.

E. SCORING TOOLS

Here are the judging criteria:

TUKLAS AND SIBOL
CREATIVE ABILITY (30 points) Does the project show creative ability and originality in the: questions asked; approach to solving the problem; analysis & interpretation of the data?
SCIENTIFIC THOUGHT (30 points) Are the problems stated clearly? Was there a procedural plan for obtaining a solution? Are variables clearly recognized and defined?
THOROUGHNESS (15 points) How completely was the problem covered? How complete are the project notes?
SKILLS (15 points) Does the finalist/team have the required laboratory, computation, observational and design skills to obtain the supporting data?
CLARITY (10 points) How clearly does the finalist or team discuss his/her/their project and explain the purpose, procedure, and conclusions? How clearly is the data & results presented?



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INNOVATION PROJECT EXPO
ORIGINALITY AND CREATIVITY (25%) This criterion assesses the uniqueness and innovation of the project.
COMMUNITY CONNECTION & IMPACT (20%) This criterion evaluates how the innovation research benefits the community.
MARKET ATTRACTIVENESS (15%) This criterion examines the commercial viability of the innovation. It considers the potential market demand, scalability, and sustainability of the project.
FUNCTIONALITY & TECHNOLOGY VALIDATION (25%) It assesses how well the innovation functions in real-world scenarios. Researchers should demonstrate evidence of successful testing, validation.
PRESENTATION & PRODUCT PRESENTATION (15%) This criterion looks at how effectively the innovation and research are presented to the audience. Additionally, researchers' ability to communicate the innovation's key features, benefits, and impact in a compelling and engaging manner.

SIYENSIKULA AND DIGITURO	
Indicator	Description
Engagement (10 pts)	Possess elements that can captivate and make the viewer interested in the videos. It has a "Wow" factor.
Illumination (20 pts)	The video was able to fully explain providing depth and width of the topic and content and made it easy to understand. It has comprehensive citation of references.
Creativity (10pts)	The video provided inventive and seamless approaches that can be used to teach the subject matter.
Difficulty (10pts)	The extent of the discussion was made at an advanced level with specific details and examples.

F. POINT SYSTEM

To determine the over-all winners, the following shall be considered:

Categories	Points System				
	1 st Place	2 nd Place	3 rd Place	4 th Place	5 th Place
Life Science Team	10	8	6	4	2
Life Science Individual	8	6	4	2	1
Physical Science Team	10	8	6	4	2
Physical Science Individual	8	6	4	2	1
RIM Team	10	8	6	4	2
RIM Individual	8	6	4	2	1
Innovation Expo Team	8	6	4	2	1
Innovation Expo Individual	6	5	4	2	1
Computational Science Team	10	8	6	4	2
Computational Science Individual	8	6	4	2	1
Sibol SIP Elem	10	8	6	4	2
Siyensikula	5	4	3	2	1
Digituro	5	4	3	2	1
Best in Shoutout Video	5	-	-	-	-



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Enclosure 4

Assignment of EPS Science and Math

Event	Assigned EPS (Science & Math)	Program/ Materials	Assigned EPS (Science & Math)
1. Tuklas Life Science Contest	SDO Cebu City (Judges) SDO Canlaon City (Finalist)	9. Registration and billeting	SDO Lapu-Lapu (S) SDO Tagbilaran (S) SDO Caracar (S) SDO Talisay (S)
2. Tuklas Physical Science Contest	SDO Bais City (Judges) SDO Danao (Finalist)	10. Opening and Closing Program (Hosting)	SDO Canlaon (S) SDO Tanjay (S)
3. Tuklas RIM Contest	SDO Mandaue (Judges) SDO Naga (Finalist)	11. Display Board Posting and Cutting of Ribbon	SDO Danao (M) SDO Toledo (M) SDO Negros Oriental (S)
4. Innovation Expo	SDO Toledo (Judges) SDO Tanjay (Finalist)	12. Certificates and Awards	SDO Dumaguete (S) SDO Bayawan (M) SDO Cebu City (M) SDO Tagbilaran (M) SDO Bogo (M) SDO Siquijor (S) SDO Naga (M)
5. Tuklas Computational Science	SDO Negros Oriental (Math) (Judges) SDO Mandaue (Math) (Finalist)	13. Students' Mixer	SDO Negros Oriental (M) SDO Bais (M) SDO Dumaguete (SH-RTPMS)
6. Sibol SIP Elem/Siyensikula/ Digituro	SDO Bais (Judges) SDO Guihulngan (Finalist)	14. Tally Team	SDO Cebu Province (S) SDO Bayawan (S) SDO Bohol (M)
7. Opening Ushers & Usherettes	SDO Carcar City (M) SDO Talisay (M) SDO Tanjay (M) SDO Lapu-Lapu (M)	15. Event Documentation & Recap/Closing Video	SDO Bohol (S) SDO Bohol (Teacher)
8. Chairs-Assignment (Opening and Closing)	SDO Dumaguete (M) SDO Cebu Province (M) SDO Lapu-Lapu (M) SDO Carcar (M)	16. Photobooth In-charge	SDO Guihulngan (M) SDO Canlaon (M)

Note

- For event in-charge, those who are assigned to the **judges** are responsible in all undertakings pertaining to program preliminaries, judges' introduction, judges' inquiries, concerns, tally sheet, food, materials, and collection/provision of manuscripts.
- For event in-charge, those who are assigned to **finalists** are responsible for the seating arrangement of the finalists and coaches, moderating the Q and A, and managing the timer.
- Those who are assigned to **students' mixer** must prepare games and fun activities for the students to participate good for 1.5 hours only.
- Those who are assigned to **Chairs-Arrangement** in the Opening and Closing are tasked to place label on the chair based on SDO clustering.
- Those who are assigned to **Photobooth**, are requested to manage the flow of the photo session and collect the tickets.



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