



Republic of the Philippines  
**Department of Education**  
REGION VII - CENTRAL VISAYAS  
Schools Division of Bohol

Office of the Schools Division  
Superintendent

**DIVISION MEMORANDUM**

No. 458 2024

September 20, 2024

**REGIONAL SCIENCE AND TECHNOLOGY FAIR 2024**

**To:** Assistant Schools Division Superintendents  
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. Attached is Regional Memorandum No. 803, series of 2024 dated September 4, 2024, re: **REGIONAL SCIENCE AND TECHNOLOGY FAIR 2024.**
2. The submission of entries for screening at region is October 30, 2024, from 1:00pm to 5:00 pm. Via a one drive link from October 31, -November 4, 2024. The final round will be an onsite and podium activity on November 11-13, 2024, at Ecotech, Cebu City.
3. In view of the above schedule for the regional competition, hereunder are the SDO timeline of activities:
  - **School Level – September 23-28, 2024**
  - **District Level – October 2-4, 2024**
  - **Congressional Level – October 12, 2024 (Except CD 3 which will be on Oct. 11, 2024)**
  - **Division Level – October 19, 2024**
4. **The venues for the congressional level and Division Level:**
  - Congressional District 1 - Lourdes National High School, Panglao district
  - Congressional District 2 - Pres. CPG Memorial High School - Talibon District
  - Congressional District 3 - Candijay Central School - Candijay District
  - Division Level – Ubay National Science High School – Ubay 1 District
5. There will be a minimal Registration Fee of Php 100.00 per participant to defray expenses in the Congressional Level and another Php 100.00 per participant for the division level.
6. A Pre-Registration of participants to the CD and division level will be done for the venue to make necessary preparations. A link will be provided through the District Science Coordinators. The deadline will be October 11, 2024.
7. Host Districts will prepare the following:
  - 1 Room with LCD Projector/SMART TV for Siyensikula & Digituro
  - 1 room for Innovation Expo – Individual and Team



Deped Tayo Bohol Division

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- 9 Rooms without LCD Projector/SMART TV for All other Contest Categories
  - Venue for the opening program, program and invitation
  - Certificate of Recognition for Judges, Winners & Winning Coaches
  - Certificate of Appearance for all Participants & Coaches
  - Other implements needed for the ST Fair.
8. The list of Judges for the different contest categories will be issued on a separate Memorandum.
  9. Travelling and other related expenses are chargeable against School MOOE, SEF, and other local funds subject to the usual COA regulations.
  10. Public Schools District Supervisors are enjoined to inform private schools about the competition.
  11. For the information and guidance of all concerned.
  12. Immediate and wide dissemination of this memorandum is directed.

  
**CASIANA P. CABERTE, PhD CESO VI**  
Schools Division Superintendent 



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

Office of the Regional Director

**REGIONAL MEMORANDUM**

No. **803**, s. 2024

04 SEP 2024

**REGIONAL SCIENCE AND TECHNOLOGY FAIR 2024**

To: Schools Division Superintendents  
Assistant Schools Division Superintendents  
All Others Concerned

1. This Office, through the Curriculum and Learning Management Division (CLMD), will conduct the most anticipated event in Science and Math – The Regional Science and Technology Fair 2024 on the following dates:

1.1 **Preliminary Round** – This is intended for the screening and review of the submitted entries from the 20 Schools Division Offices (SDOs). Submission of entries will be on October 30, 2024, from 1:00 PM to 5:00 PM via a One Drive link that will be provided. The screening and review of entries will take place from October 31- November 4, 2024. A separate Regional Memorandum will be issued to announce the RSTF 2024 Finalists.

1.2 **Final Round** – This will highlight the RSTF 2024 Finalists in all categories through onsite and podium presentations from November 11-13, 2024, at DepEd Ecotech Center, Sudlon Lahug, Cebu City.

2. This year's theme, "**Towards a Shared Vision: Exploring the Future for a Better Tomorrow,**" aims to empower learners, cultivate innovation, and foster creativity amidst a rapidly changing world. The RSTF 2024 seeks to showcase learners' competencies in addressing community challenges for sustainable development and to maximize their potential for inquisitiveness and creativity in solving real-life problems.

3. The RSTF 2024 will showcase the following contests:

**3.1 NSTF 2024 Contests:**

- **Tuklas** (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 in Life Science, Physical, Robotics and Computational Science).
- **Innovation Expo** (A Technology Innovation competition which aims to recognize the most creative and market viable project addressing major issues in food safety, water conservation,



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renewable energy, cyber security, road safety, health, disaster mitigation, agriculture, and environment).

- (Note: The NSTF draft handbook, available in the PAIRS repository or directly from the SDO EPS Science, will serve as the contest standard).

### 3.2 RSTF 2024 added Contests:

- **Sibol:** A full research paper or Science Investigatory Project competition for Key Stage 2.
- **Siyensikula:** An original video creation competition for the Secondary Level.
- **Digituro:** An original video creation competition for Teachers in Elementary and Secondary Levels.
- (Note: Please refer to the enclosed Guidelines for the Regional Science Fair 2024 for details on these additional contests).

4. Participants in the Preliminary Round are the first-place winners endorsed by the 20 Schools Division Offices. The Final Round participants will include the finalists, their coaches, and the Education Program Supervisors/Coordinators in Science and Math, whose entries have been shortlisted by the Regional Screening Committee. Participation in the RSTF 2024 is strictly voluntary.

5. A registration fee of Php 3,500.00 per participant will be collected to cover board and lodging for participants and judges. All participants are advised to be on a live-in basis. Travel and other incidental expenses, as well as the registration fee, shall be charged to the School/Division MOOE, PTA fund, SEF, and other funding sources, subject to the usual government accounting and auditing rules and regulations.

8. Each division office is requested to prepare a 30-second shout-out video in mp4 format, featuring the winners of the DSTF 2024 in all categories, reciting the division's shout-out/mantra with upbeat music. This video should be submitted by November 4, 2024, via the One Drive link that will be provided, with the file name: Shoutoutvideo\_Division.

9. For further inquiries, please contact Dr. Bryant C. Acar, R7 EPS in Science at 09430166769 or [bryant.acar@deped.gov.ph](mailto:bryant.acar@deped.gov.ph) and Mr. Cesar A. Restauero Jr., R7 EPS Math at 09175656569 or [cesar.restauero@deped.gov.ph](mailto:cesar.restauero@deped.gov.ph).

10. Immediate dissemination of and compliance with this Memorandum are directed.

  
**SALUSTIANO T. JIMENEZ JD, EdD, CESO III**  
Director IV  
Regional Director

STJ/FYA/CLMD/MJD/bca



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

**Curriculum and Learning Management Division**

Enclosure

**Guidelines in the Regional Science Fair 2024**  
*Updated August 27, 2024*

*Theme: Towards a Shared Vision: Exploring the Future for a Better Tomorrow*

*Date: November 11-13, 2024*

*Venue: DepEd Ecotech Center, Cebu City*

**A. Added Regional Contests**

**I. Siyensikula (Secondary Level Contest)**

1. This competition is open to all Junior High School and Senior High School students from both public and private schools in Region VII. Only the first-place winner in the SDO level shall be submitted for the regional contest. Only 1 student should appear in the final video.
2. The student must discuss a science topic from the identified least learned competencies in SY 2023-2024 from Quarter 1-4. Kindly refer to the EPS/Coordinator in Science for the listing. The student must discuss the topic in a clear, creative, and engaging manner through a video presentation that is not more than three minutes. The student must discuss the topic in English language only. It must possess subtitles at the bottom of the video.
3. All creative visual tools such as animations, demonstrations, simulations, and field tours are allowed and must be original using any platform or media. Entries with photos and videos which are derivative works (copyrighted) will automatically be disqualified.
4. Script should be made and submitted in word format with citation of references on content, music, images, and pictures that are non-copyrighted and open source. Script should be in A4 format, double spaced, bookman old, 11 font size with 1 inch margin on all sides.
5. All submitted videos shall be in mp4 format. This will be part of the ROVII property and will be used for teaching-learning purposes to be posted in the Repository of Science Learning Resources.
6. All entries will be scored based on the following criteria:

Indicator	Description	Points
Engagement	Possess elements that can captivate and make the viewer interested in the videos. It has a "Wow" factor.	20 points
Illumination	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.	40 points

Creativity	The video provided inventive and seamless approaches that can be used to teach the subject matter.	30 points
Difficulty	The extent of the discussion was made at an advanced level with specific details and examples.	10 points
Total Points		<b>100 points</b>

## II. Digituro sa Siyensya (Teacher Contest)

1. This competition is open to all Elementary, Junior High School and Senior High School teachers from both public and private schools in Region VII. Only the first-place winner in the SDO level shall be submitted for the regional contest. Only 1 teacher should appear in the final video.
2. The teacher must discuss a science topic from the identified least learned competencies in SY 2023-2024 from Quarter 1-4. Kindly refer to the EPS/Coordinator in Science for the listing. The teacher must discuss the topic in a clear, creative, and engaging manner through a video presentation that is not more than three minutes. The teacher must discuss the topic in English language only. It must possess subtitles at the bottom of the video.
3. All creative visual tools such as animations, demonstrations, simulations, and field tours are allowed and must be original using any platform or media. Entries with photos and videos which are derivative works (copyrighted) will automatically be disqualified.
4. Script should be made and submitted in word format with citation of references on content, music, images, and pics that are non-copyrighted and open source. Script should be in A4 format, double spaced, bookman old, 11 font size with 1 inch margin on all sides.
5. All submitted videos shall be in mp4 format. This will be part of the ROVII property and will be used for teaching-learning purposes to be posted in the Repository of Science/Math Learning Resources.
6. All entries will be scored based on the following criteria:

Indicator	Description	Points
Engagement	Possess elements that can captivate and make the viewer interested in the videos. It has a "Wow" factor.	20 points
Illumination	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.	40 points
Creativity	The video provided inventive and seamless approaches that can be used to teach the subject matter.	30 points
Difficulty	The extent of the discussion was made at an advanced level with specific details and examples.	10 points

Total Points

100 points

### III. Sibol Contest (SIP for Elementary – Key Stage 2)

1. This is a full research paper or SIP contest for elementary pupils open to public and private schools in Region VII. The team must have a minimum of 2 and a maximum of 3 pupils with 1 coach only. The team could be of the same grade level or combination of grade levels in key stage 2.
2. Only 1 team or the first-place winner in the SDO level shall be endorsed to the regional level for screening.
3. The team can choose from any of the SIP categories: Life, Physical, or Robotics.
4. All technical guidelines are the same in the SIP Contest for Secondary level based on the NSTF Handbook.

### B. RSTF Winners, Awards and Point System

1. Each category will have five (5) awards based on the ranking: 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>, and 5<sup>th</sup>.
2. Each rank will be given certificate of recognition and trophy and/or medals.
3. Each rank will be given cash prizes to be determined and awarded by Vivant Foundations Inc.
4. First placers will be given a grant of science/learning equipment courtesy of Vivant Foundations Inc.
5. To determine the over-all winners, the following shall be considered:

Categories	Points System				
	1 <sup>st</sup> Place	2 <sup>nd</sup> Place	3 <sup>rd</sup> Place	4 <sup>th</sup> Place	5 <sup>th</sup> Place
1 Life Science Team	10	8	6	4	2
2 Life Science Individual	8	6	4	2	1
3 Physical Science Team	10	8	6	4	2
4 Physical Science Individual	8	6	4	2	1
5 RIM Team	10	8	6	4	2
6 RIM Individual	8	6	4	2	1
7 Innovation Expo Team	10	8	6	4	2
8 Innovation Expo Individual	8	6	4	2	1
9 Computational Science Team	10	8	6	4	2
10 Computational Science Individual	8	6	4	2	1
11 Sibol SIP Elem	10	8	6	4	2
12 Siyensikula	5	4	3	2	1
13 Digituro	5	4	3	2	1

### C. PROGRAM MANAGEMENT TEAM

RSTF Chairman	Dr. SALUSTIANO T. JIMENEZ Regional Director
RSTF Co-Chairman	Atty. Fiel Y. Almendra Assistant Regional Director
RSTF Consultant	Dr. Maria Jesusa C. Despojo Chief ES, CLMD
RSTF Managers	Dr. Bryant C. Acar RO7 EPS Science  Mr. Cesar A. Restauro Jr. RO7 EPS Math
<b>RSTF Technical Working Group</b>	
SDO Education Program Supervisor in Science SDO Education Program Supervisor in Math	

### D. RSTF 2024 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)	7. Registration and billeting	SDO Lapu-Lapu (S) SDO Tagbilaran (S) SDO Caracar (S) SDO Talisay (S)
2. Tuklas Physical Science Contest	SDO Bogu (Judges) SDO Danao (Finalist)	8. Opening and Closing Program (Hosting)	SDO Canlaon (S) SDO Tanjay (S)
3. Tuklas RIM Contest	SDO Mandaue (Judges) SDO Naga (Finalist)	9. Display Board Posting and Cutting of Ribbon	SDO Danao (M) SDO Toledo (M) SDO Bayawan (S)
4. Innovation Expo	SDO Toledo (Judges) SDO Tanjay (Finalist)	10. Certificates and Awards	SDO Dumaguete (S) SDO Bayawan (M) SDO Cebu City (M)
5. Tuklas Computational Science	SDO Negros Oriental (Math) (Judges) SDO Mandaue (Math) (Finalist)	11. Students' Mixer	SDO Negros Oriental (S) SDO Negros Oriental (M) SDO Bais City (S) SDO Bais (M)
6. Sibol SIP Elem/Siyensikula/ Digituro	SDO Bais (Judges) SDO Guihulngan (Finalist)	12. Tally Team	SDO Siquijor (S) SDO Cebu Province (S)
		13. Event Documentation & Recap/Closing Video	SDO Bohol (S)

#### 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.

### E. PROGRAM MATRIX

<b>Day 0 - November 11, 2024</b>	
8:00-12:00 pm	Travel Time
1:00 pm	Program Management Team Briefing (EPS Science and EPS Math with RO7 EPS Science and Math)
3:00 pm	Registration of Qualified Participants Venue: Ecotech Entrance Hall/Pavilion Hall
4:00 pm	Billeting
4:30 pm	Setting and Mounting of SIP Posters Venue: Ecotech covered Walk Testing of Laptop at the assigned contest rooms
6:00 pm	Distribution of Dinner
<b>Day 1 - November 12, 2024</b>	
7:00 am	Assembly Time Venue: Pavilion Attire: SDO T-Shirts (EPS and Coaches) Formal Attire (Learners)
8:00 am	<b>Opening Program</b> <ol style="list-style-type: none"> <li>I. Preliminaries – National Anthem – AVP and Doxology – AVP</li> <li>II. Welcome Message – Dr. Maria Jesusa C. Despojo, CLMD Chief</li> <li>III. Shout Out Video (20 SDOs) – RSTF We are Ready!</li> <li>IV. Awarding of the Best in Shout Out Award</li> <li>V. Promotional Video of the Sponsor – Vivant Foundations, Inc.</li> <li>VI. Message from the Executive Director of Vivant Foundations Inc. – Mr. Shem Jose Garcia</li> <li>VII. Message from the Regional Director- Dr. Salustiano T. Jimenez</li> <li>VIII. Walk Through of the Program and Introduction of the BOJ – Dr. Bryant C. Acar, EPS Science</li> <li>IX. Formal Opening of the RSTF 2024 – Dr. Salustiano T. Jimenez</li> </ol>
9:00AM-10:00 AM	<b>Cutting of Ribbon of the Research Poster Exhibits and Open House</b>
10:00 AM - 6:00 PM	<b>Start of the Competition</b> <ol style="list-style-type: none"> <li>A. Cluster 1 (Tuklas - Life Science) Venue: Executive Hall PMT: SDO Cebu City (Judges) SDO Canlaon City (Finalist)</li> <li>B. Cluster 2 (Tuklas -Physical Science) Venue: New Dining Hall PMT: SDO Bogo (Judges) SDO Danao (Finalist)</li> <li>C. Cluster 3 (Tuklas- Robotics &amp; Intelligent Machines) Venue: Dining Annex PMT: SDO Mandaue (Judges) SDO Naga (Finalist)</li> <li>D. Cluster 4 (Tuklas- Math &amp; Computational Science)</li> </ol>

	Venue: Molave PMT: SDO Negros Oriental (Math) (Judges) SDO Mandaue (Math (Finalist) E. Cluster 5 (Innovation Project Expo.) Venue: Kamagong PMT: SDO Toledo (Judges) SDO Tanjay (Finalist) F. Cluster 6 (Sibol SIP Elementary; Siyensikula & Digituro) Venue: Pavilion PMT: SDO Bais (Judges) SDO Guihulngan (Finalist)
<b>Day 2: November 13, 2024</b>	
8:00 AM- 10:30 noon	Preliminaries 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
1:00-3:00 PM	<b>Closing Program</b> 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 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 & Digituro – Chair BOJ 7. Over-All Winners VIII. Closing Remarks – Mr. Cesar A. Restauro Jr, RO 7 EPS Science IX. Close Door Meeting with the Regional First Place Winners with National Competition (Students, coaches, EPSs and Judge Mentors)

### F. Regional SIP Poster

1. For the SIP Tuklas and Sibol Contests, since the photopaper for a poster size is expensive and the illustration board takes time to make and inconvenient to carry, the Regional Science Fair 2024 Poster Display shall be printed in a Tarpaulin with the following dimensions: 2 m high and 1m wide. All four corners of the Tarpaulin should have eyelet and must be tied in a plastic straw. All Tarpaulin Poster will be displayed in the designated hallway of Ecotech Center. The coaches are encouraged to recycle the Display Board as learning material.

The following items should be seen in the project display: Title, Abstract, Background, Objectives, Significance, Methodology, Results and Discussion, Conclusion, Recommendations, Bibliography and if applicable, Photo Credits (including illustrations and graphics).

2. For consistency, the Innovation Expo Contest Display Board, the same format shall be used: Tarpaulin, with Dimension size 2 m high and 1 m wide. However, the content of the parts shall be the following: Title, Introduction, Problem Statement, Solution/Innovation, Features and Specifications, Materials and Methods, Results and Discussion, Benefits, Visuals, Conclusions, Future Development, Developer's Name.

#### **G. Online Submission of Entries**

1. Submission of Entries for screening shall be on October 30, 2024, on or before 5:00 pm.
2. The submission shall be through a One Drive and the link will be provided by the Regional EPS Science and EPS Math.
3. Only SDO EPS/Coordinators in Science and Math shall have control in the submission of SDO entries.
4. All entries must be placed in the designated folder provided in One Drive.

#### **5. Required Files for upload:**

##### **5.1 Siyensikula/Digituro**

- a. Video entry (mp4 format)
- b. Word File of the script with contents: name of Division, School, Proponent, Title, Script in Narrative, References in CMS
- c. File name: **Siyensikula\_SDO or Digituro\_SDO**  
**Example: Siyensikula\_MandaueCity or Digituro\_DumagueteCity**

##### **5.2 Tuklas and Sibol**

- a. PDF file of the Full Research paper; Times Roman; 12 font size
- b. PDF copy of the Prescribed Forms
- c. PDF Copy of the logbook  
**Example: Tuklas\_Physical\_Team\_CanlaonCity**  
**Sibol\_CebuCity**

#### **H. Onsite Submission of Research Copies**

1. All Qualified Entries/Regional Finalists must bring three hard copies of the full research/manuscript during the competition dates. These shall be given to the judges during Day 1 through the event in-charge (assigned EPS per category).

#### **I. Research/Video Presentation**

1. The event in-charge shall introduce each team by reading the SDO, title, proponents, and coach.
2. The slide decks/video shall be presented and controlled by the coach.
3. Each entry shall be given 10 minutes to present the slide decks including video (if available) and 5 minutes for Q and A by a designated judge. One judge shall interpolate one entry only.



**J. Final Round**

1. This shall be held on the 2<sup>nd</sup> Day of the Competition.
2. Top 5 will be announced and shall present again on a format that will be decided by the board of judges. It can be any of the following formats: More of Q and A; scanning the prototype; or presentation of the research again.
3. Each Team/Entry shall be given 15 minutes only including Q and A.

**K. Recording of Winners**

1. The event in-charge (for the judges) shall finalize the scoring and tally using the template.
2. Results should be signed by the judges and should be endorsed to the Tally team for recording.

**L. Mentoring**

1. All RSTF 2024 First Placers shall undergo mentoring to the designated mentors.
2. A short meeting shall be done after the closing program.
3. All revisions and improvements shall be done before the final endorsement to the National level.
4. Mentoring shall be done in any convenient mode (virtual or face-to-face) agreed by the learners/coaches and the mentor.

Prepared by: **DR. BRYANT C. ACAR**  
RO7 EPS Science

Approved by: **DR. MARIA JESUS C. DESPOJO**  
CLMD Chief

SCHOOL DIVISION OFFICE  
REGION VII - CEBU CITY  
EDUCATIONAL TECHNOLOGY  
STRATEGY & INNOVATION

