



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

**Office of the Schools Division
Superintendent**

September 6, 2024

DIVISION MEMORANDUM
No. **616**, s. 2024

DIVISION SCIENCE AND MATHEMATICS TECHNOLOGY FAIR 2024

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

1. This Office, through the Curriculum Implementation Division (CID) hereby announces the conduct of the **Division Science and Mathematics Technology Fair on October 25, 2024** with the theme, **“Towards a Shared Vision: Exploring the Future for a Better Tomorrow”**.
2. The activity aims to:
 - 2.1 *develop and strengthen the Science, Technology, Engineering, and Mathematics (STEM) skills of learners through the conduct of research projects that addresses local, national and/or global issues, concerns, and problems;*
 - 2.2 *provide an avenue for high school learners to communicate research findings and showcase their investigations and innovations to the STEM community and the public;*
 - 2.3 *foster a culture of creativity and innovation among youth;*
 - 2.4 *promote STEM awareness and interest among learners, teachers, and the public;*
and
 - 2.5 *provide opportunity for the collaboration and establish research networks between and among the learners, stakeholders, and the community.*
3. Participants in this 1-day contest are the private and public schools of SDO Tagbilaran City.
4. A Registration Fee of **One Thousand Pesos (Php 1,000.00) per school** will be collected to cover meals of the Judges and PMTs, Trophies, Medals, Certificates, Honorarium of the Judges and other incidental expenses relative to the conduct of the activity and shall be charged against School Funds/MOOE. Expenses relative to the conduct of the activity are subject to the usual accounting and auditing rules and regulations. Payments can be made in cash and cheque to the DepEd Division of Tagbilaran City. Participants from schools are highly encourage to pay the registration fee before the conduct of the training.
5. Food and travel expenses of the learner-participants and coaches shall be charged to school local funds/school MOOE subject to the usual accounting and auditing rules and regulations.
6. All public elementary and secondary schools are required to participate in the said event and submit their entries on or before **October 18, 2024 at CID Office, SDO**.



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7. Please see attached documents for the mechanics and guidelines.
8. Immediate and wide dissemination of this memorandum is desired.

WILFREDA D. BONGALOS PhD CESO V
Office of the Schools Division Superintendent



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Guidelines in the Division Science and Math Technology Fair 2024

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

Date: October 25, 2024

Venue: Tagbilaran City Central Elementary School – Audio Visual Hall

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 SDO Tagbilaran. Only the first-place winner in the School level shall be submitted for the division 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. 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 SDO 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



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Difficulty	The extent of the discussion was made at an advanced level with specific details and examples.	10 points
Total Points		100 points

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 SDO Tagbilaran. Only the first-place winner in the School level shall be submitted for the division 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. 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 SDO 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



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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 the division. 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 School level shall be endorsed to the division level for screening.

IV. Tuklas Contest (SIP for JHS/SHS – Key Stage 3 & 4) Individual and Team Category

1. This is a full research paper or SIP contest for JHS/SHS pupils open to public and private schools in the division. The **Team Category** must have a minimum of 2 and a maximum of 3 pupils with 1 coach only while 1 pupil and 1 coach for the **INDIVIDUAL Category**. The team could be of the same grade level or combination of grade levels in key stage 3 and 4.
2. Only the first-place winner in the School level shall be endorsed to the division level for screening.

V. Submission of Entries

1. Submission of Entries for screening shall be on **October 18, 2024, 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.
4. All entries must be placed in the designated folder provided in One Drive.

5. Required Files for upload:

1.1 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

1.2 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_DCPNHS
Sibol_TCCES



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VI. Onsite Submission of Research Copies

1. All Qualified Entries/Division Finalists must bring three hard copies of the full research/manuscript during the competition dates. These shall be given to the judges during the event through the event in-charge.

VII. Division SIP Poster Display

The Division Science Fair 2024 display will be printed on a tarpaulin measuring 2 meters in height and 1 meter in width. Eyelets will be placed at all four corners, and the tarpaulin will be mounted on a stand.



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