



Republic of the Philippines  
Department of Education  
Region VII-Central Visayas  
**DIVISION OF CEBU PROVINCE**  
Sudlon, Lahug, Cebu City

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**Office of the Schools Division Superintendent**

July 6, 2021

**DIVISION MEMORANDUM**

No. 237, s. 2021

**REGIONAL SCIENCE AND TECHNOLOGY FAIR FOR  
SCHOOL YEAR 2020-2021**

**To:** Assistant Schools Division Superintendents  
Chief, CID  
Public Schools District Supervisors/OICs

1. Attached is Regional Memorandum No. 0546, s. 2021, dated July 05, 2021 re "**Regional Science and Technology Fair (RSTF) for S.Y. 2020-2021** with the theme "**Agham, Pananaliksik at Teknolohiya: Kabalikat sa Matatag at Maunlad na Pamayanan**".
2. For details, please see attached communication and enclosure.
3. Immediate dissemination of and compliance with this memorandum is directed.

  
**MARILYN S. ANDALES EDD, CESO V**  
Schools Division Superintendent



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

**Office of the Regional Director**

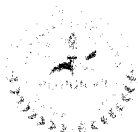
REGIONAL MEMORANDUM  
No. **0546**, s. 2021

JUL 27 2021

**REGIONAL SCIENCE AND TECHNOLOGY FAIR FOR SCHOOL YEAR 2020-2021**

To: Schools Division Superintendents

1. This Office, through the Curriculum and Learning Management Division (CLMD), will conduct the **Regional Science and Technology Fair (RSTF) for S.Y. 2020-2021 on July 21-23, 2021** via MS Teams Live Streaming with the theme, "*Agham, Pananaliksik at Teknolohiya: Kabalikat sa Matatag at Maunlad na Pamayanan*". The said event shall be hosted by Dumaguete City Division and co-hosted by Lapu-Lapu City Division.
2. The activity aims to develop among the youth resiliency, innovation, and creativity amidst global crisis. This will also showcase competence of the learners in addressing community problems for sustainable development and to maximize their potential of being inquisitive and creative in dealing with real life problems.
3. The virtual RSTF will highlight the different competitions such as:
  - a. Siyensikula- an original video competition focusing on science and engineering concepts;
  - b. Poster Making Contest;
  - c. Jingle Making Contest; and
  - d. Scitokperiments- A Tiktok Science experiment competition.
4. Please be guided with the following dates and submission:
  - **July 12, 2021**- Deadline on the submission of Division Officials/Logo, 2-3 minute Video showcasing Science Outputs for this school year
  - **July 15, 2021** – Deadline on the submission of the Registry of Participants by Division with 2x2 pictures of the contestant and coach
  - **July 16, 2021** - Conduct of Orientation on the use of the online system and uploading of Documents
  - **July 19, 2021**- Deadline on the submission of the Final Output (Official Competition Entry) of each contestant including the Means of Verifications (videos, scripts, waiver and certification) which shall not bring any identification of the school and division.
5. Strict adherence to national and local IATF protocols must be observed in all levels of the competition such as, but not limited to the mandatory wearing of mask and face shield by all participants and members of the Technical Working Group.



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Email Address: region7@deped.gov.ph

6. Enclosed are the documents for information and guidance of all concerned.

Enclosure No. 1 Program Management Team and Technical Working Group  
Enclosure No. 2 Program of Activities  
Enclosure No. 3 Mechanics and Criteria of the different competitions  
Enclosure No. 4 Waiver and Certification

7. Expenses relative to the conduct of the RSTF 2021 such as medals, trophies, and honoraria of the Board of Judges shall be charged against Regional Funds/Subsidy from Bureau of Curriculum Development Fund; the cash prizes and the cash grant in the form of science equipment and apparatuses shall be shouldered by the Vivant Foundation, Inc., while incidental expenses incurred by the participants from the schools/ divisions shall be charged against Division MOOE/local funds, subject to the usual government accounting and auditing rules and regulations.

8. Immediate dissemination of, and compliance with this Memorandum is directed.



**SALUSTIANO T. JIMENEZ JD, EdD, CESO V**

Director IV  
Regional Director

STJ/CAE/CLMD/MJCD/CARJ

REGIONAL SCIENCE AND TECHNOLOGY FAIR FOR SY: 2020-2021

July 21-23, 2021

MS Teams Live Streaming

PROGRAM MANAGEMENT TEAM

|  |   |
|--|---|
| RSTF Director                          | RD Salustiano T. Jimenez                      |
| RSTF Assistant Director                | ARD Cristito A. Eco                           |
| RSTF Manager                           | Dr. Maria Jesusa C. Despojo<br>Chief ES, CLMD |
| RSTF Coordinator                       | Cesar A. Restauero, Jr.<br>EPS-CLMD           |
| RSTF TECHNICAL WORKING GROUP AND STAFF |   |
| Dr. Juvelyn P. Otero                   | RO7   |
| Rey Pono                               | RO7   |
| Anthony Negapatan                      | RO7   |
| Mike John Saberon                      | RO7   |
| Salvacion Adana                        | Bais City Division                            |
| Adonis Rivera                          | Bayawan City Division                         |
| Charmaine Vera Ramos                   | City of Bogo Division                         |
| Felix Galacio                          | Bohol Division                                |
| Raylene Manawatao                      | Cebu City Division                            |
| Juvimar Montolo                        | Cebu Province Division                        |
| Carmencita Lopez                       | City of Naga Division                         |
| Marlyn Canales                         | Danao City Division                           |
| Antonieta Vendiola                     | Dumaguete City Division                       |
| Miraluna Albina                        |   |
| Alberto C. Diego Jr.                   |   |
| Jefferson D. Uy                        |   |
| Dr. Jaymar Umbac                       |   |
| Joesan Ramos                           |   |
| Noel Bayno                             |   |
| Victoriano Jauculan                    |   |
| Carlito Garcia                         |   |
| Rana Loise Baltazar                    |   |
| Nikki Palencia                         |   |
| Jose Belono Jr.                        | Guihulngan City Division                      |
| Jennifer Mirasol                       | Lapu-Lapu City Division                       |
| Fritz Marata                           |   |
| Rufino Tudlasan Jr.                    | Mandaue City Division                         |
| Arnold Jungco                          | Negros Oriental Division                      |
| Nicarterm Lomocso                      | Siquijor Division                             |
| Vida Encarquez                         | Tagbilaran City Division                      |
| Eamon Alido                            | Talisay City Division                         |
| Elsie Seneris                          | Tanjay City Division                          |
| Hermilina Bendoy                       | Toledo City Division                          |

### PROGRAM OF ACTIVITIES

| DAY 1 : July 21, 2021  |   | PERSONS INVOLVED  |
|--|---|---|
| <b>I. REGISTRATION</b>   |   |   |
| 8:00 AM-9:00 AM  | Registration/Logistics  | Anthony Negapatan   |
| <b>II. OPENING PROGRAM</b>                                     |   |   |
| 9:00 AM-11:00 AM   | National Hymn   |   |
|  | Invocation  |   |
|  | Welcome Remarks   | Dr. Cristito A. Eco-<br>Assistant Regional Director   |
|  | Acknowledgment of Delegates                                   | Mr. Cesar A. Restauro, Jr.<br>Education Program<br>Supervisor<br>Curriculum and Learning<br>Management Division       |
|  | Rationale   | Dr. Maria Jesus C. Despojo<br>Chief Education Program<br>Supervisor<br>Curriculum and Learning<br>Management Division |
|  | Messages  | Dr. Salustiano T. Jimenez<br>Regional Director  |
|  |   | Mr. Shem Jose B. Garcia<br>Executive Director<br>Vivant Foundation, Inc.  |
|  | Introduction of Keynote Speaker                               | Mrs. Jennifer Mirasol<br>Education Program<br>Supervisor<br>Lapu-Lapu City Division                                   |
|  | Keynote Speech  | Atty. Alfred Emmanuel Awe<br>Asst. Vice-President<br>New Business Development<br>GMA Network Incorporated             |
|  | Mechanics of the Fair and Introduction of the Board of Judges | Contest Administrators  |
| <b>III. CONTEST PROPER/SCREENING AND EVALUATION OF ENTRIES</b> |   |   |
| 1:00 PM-5:00 PM  | Screening and Evaluation of the Different Entries             | Designated Board of Judges per Competition  |
| <b>DAY 2 : July 22, 2021</b>                                   |   |   |
| 8:00 AM -5:00 PM   | Continuation of the Screening and Evaluation                  | Board of Judges per Competition   |

### **Contest Guidelines and Mechanics**

#### **A. SIYENSIKULA**

1. This competition is open to all Junior and Senior High School students from both Public and Private Schools in the country. Only INDIVIDUAL ENTRIES are allowed.
2. The participant must discuss a difficult topic under Physical Sciences, Life Sciences, Mathematics or an Engineering concept in a clear, creative and engaging manner through a video presentation that is not more than three (3) minutes. The participants can discuss the topic in English and/or Filipino.
3. All contents in the video must be original and are owned by the participant/s. Entries may include personal experiences and thoughtful observations. Videos must reflect that the student has carefully examined and thought through the topic.
4. All creative visual tools such as animations, simulations, physical demonstrations, or visual aids are allowed. Entries with photos and videos which are derivative works will automatically be disqualified.
5. The email should include: (1) the name/s of the participant/s, and (2) a pdf file of the video script along with the references in Chicago Manual of Style. Non-submission of any of the required documents of the competition entry will automatically be disqualified.
6. There will be three (3) stages in the judging process:

**A. PEER-TO-PEER REVIEW (1st Stage)** - The Peer-to-Peer Review is the first phase of judging. Entries will be reviewed and scored by other contestants. The Peer-to-Peer review process is an educational experience and desires with good faith in providing an honest and sincere assessment of which aims at providing an honest and sincere assessment of the Peers' Entries. The contest committee will assign the peers who will review the entries of other contestants.

**B. POPULAR VOTE (2nd Stage)** - The Popular Vote invites the public to participate in the judging process for the Siyensikula through the official facebook page of the DepEd Tayo Dumaguete City. The Popular Vote Entry with the highest combined total of Likes, Shares and positive reactions (Like, Love, Haha, Wow) on the video's original post on the DepEd official Facebook page. The top scoring Popular Vote Entry will receive a special recognition for this accomplishment.

**C. EVALUATION AND SELECTION COMMITTEE REVIEW (Final Stage)** - The Evaluation and Selection Committee will review and score all the video entries based on the criteria for judging. The evaluation results of the Evaluation and Selection Committee are independent with the results of the Peer to Peer Evaluation and Popular Vote. The entry with the highest percentage in the final stage shall be declared as Champion.

7. All the winning entries will receive medals and certificates and will be posted in the official Facebook page of DepEd Region VII Facebook Page.
8. This competition is inspired by the international breakthrough junior challenge. To have a greater grasp of the competition, the links of the previous winning entries of the breakthrough junior challenge.

|  |  |   |
|--|--|---|
| <b>DAY 3: July 23, 2021</b>                                |  |   |
| 8:00 AM- 12:00 NN  | Validation of the Final Results<br>Preparation of the Awards (e.g. certificate of recognition, etc.)<br>Preparation of the Slide Presentations   | Tabulators<br>Contest Administrators<br><br>Dumaguete City Division & Lapu-Lapu City Division |
| <b>IV. AWARDING CEREMONY/ CLOSING PROGRAM</b>              |  |   |
| 1:00 PM- 4:00 PM   | Nationalistic Song   | AVP   |
|  | Doxology   | AVP   |
|  | Awarding of the Different Competitions: <ul style="list-style-type: none"> <li>• <b>Siyensikula</b> <ul style="list-style-type: none"> <li>A. Presentation of the Top 5 Entries</li> <li>B. Announcement of winners</li> </ul> </li> <li>• <b>Poster Making Contest</b> <ul style="list-style-type: none"> <li>A. Presentation of the Top 5 Entries</li> <li>B. Announcement of winners</li> </ul> </li> <li>• <b>Jingle Making Contest</b> <ul style="list-style-type: none"> <li>A. Presentation of the Top 5 Entries</li> <li>B. Announcement of winners</li> </ul> </li> <li>• <b>Scitokperiments</b> <ul style="list-style-type: none"> <li>A. Presentation of the Top 5 Entries</li> <li>B. Announcement of winners</li> </ul> </li> </ul> | Master of Ceremonies<br>Contest Administrators  |
|  | Acknowledgment   | Mr. Cesar A. Restauero, Jr.   |
| Masters of Ceremonies: Ms. Joesan Ramos & Dr. Jaymar Umbac |  |   |

### Siyensikula - Rubric Evaluation Tool

| Entry No.    |   |  |  |   |   |   |
|--------------|---|--|--|---|---|---|
| Criteria     | 0   | 1  | 2  | 3   | 4   | 5   |
| Engagement   | Failed to establish engagement and did not hold viewer's attention.                                 | Somewhat interesting but did not hold viewer's attention for the entire length of the video.       | Fairly interesting and held viewer's attention for the entire length of the video                                    | Interesting and viewer felt engaged throughout the entire length of the video.  | Very interesting and throughout the video, viewer was excited to see what would come next                                     | Captivating and made the viewer want to watch other videos made by the entrant.   |
| Illumination | Explanation was at times confusing and viewer was not able to understand much of the subject matter | Failed to explain the subject matter clearly; video did not help viewer understand subject matter. | Explanation was fairly clear but covered only general concepts.  | Explanation was clear and covered some topics beyond general concepts.  | Explanation was very clear and covered many topics beyond general concepts  | Viewer was able to fully understand the explanation, and video provided a deep dive into the intricacies of the subject matter. |
| Creativity   | No elements of the video demonstrated a creative approach to explaining the subject matter.         | The explanation was standard and contained one or two resourceful elements.                        | Parts of the video used creative approaches that made those parts of the explanation stronger.                       | Many parts of the video took an unorthodox approach to explaining the subject matter, which made the overall explanation stronger | The entrant implemented a creative approach throughout the entire video that helped the viewer understand the subject matter. | Video provided an inventive approach that should be used to teach this subject matter.  |
| Difficulty   | Subject matter is typically covered at the elementary school level.                                 | Subject matter is typically covered at the junior school level.                                    | Subject matter is typically covered at the middle school level, but the video expands upon more complex areas of the | Subject matter is typically covered at the high school level.   | Subject matter is typically covered at the advanced high school level or early college level.                                 | Subject matter is typically covered at the advanced college level or higher. the video expands upon more complex areas          |



|                              |                    |  |                           |
|------------------------------|--------------------|--|---------------------------|
|                              | subject<br>matter. |  | of the subject<br>matter. |
| Total (Maximum of 20 points) |                    |  |                           |

## **B. POSTER MAKING CONTEST**

1. Each school must have only one (1) official representative in each category for the poster making contest.
2. There will be three categories (a) Elementary (b) Junior High School (c) Senior High School.
3. The contestant must illustrate, interpret, emphasize, and expound on the RSTF 2021 theme in a 1/8 illustration board using oil pastel.
4. The finished posters must be submitted in 8.5x11 inches (300 DPI) in size. The poster entries must be submitted in JPEG/PNG/PSD format.
5. A time-lapsed recorded video of the participant drawing the poster must be submitted. Non-compliance will result in automatic disqualification.
6. The poster must be an original design. The contestant will be held accountable to any issues that may arise with regard to the originality and authenticity of the design.

## **POSTER MAKING CONTEST - CRITERIA**

| Criteria                        | Points     |
|---------------------------------|------------|
| Visual Impact and Color Harmony | <b>25</b>  |
| Originality                     | <b>25</b>  |
| Creativity                      | <b>20</b>  |
| Relevance to the Theme          | <b>30</b>  |
| Total                           | <b>100</b> |

## **C). JINGLE MAKING CONTEST**

1. The contest is open to all pupils/students from both public and private elementary and secondary schools.
2. Can be an individual, a pair or a group of three (3) members. Collaboration of the participants and coaching may be done remotely such as but not limited to online meetings, email messaging and all available online collaboration platforms.
3. Each school shall have one (1) official entry. The jingle must be an original composition and must not have been used as entry in any song competitions.
4. The content of the jingle must be lively, appealing, creative and must highlight the vision and mission of the National Science Fair.

5. Any musical instrument can be used as accompaniment at the composer's discretion.
6. The jingle must be in mp3 format. Length of Jingle should not be more than three (3) minutes inclusive of intro and outro-music.
7. Jingle Entries together with a brief write up of the entry's inspiration and origin must be submitted with a subject format: "JINGLE\_SCHOOL\_LASTNAME OF COMPOSER/S.
8. Entries may be written in English or Filipino.

#### **JINGLE MAKING CONTEST CRITERIA**

| Criteria   | Points |
|--|--------|
| Originality (creativity, use of structure)   | 30     |
| Musicality (catchy melody, lively music, arrangement, rhythm and recall)                       | 30     |
| Relevance to the Vision/Mission of NSTF (content, substance, organization, clarity of message) | 30     |
| Appeal/Impact  | 10     |
| Total  | 100    |

#### **D). #SCITOKPERIMENTS - A TIKTOK SCIENCE EXPERIMENT COMPETITION**

1. This competition is open to all Junior and Senior High School students from both Public and Private Schools in the country.
2. There will be two categories (a) Junior High School (b) Senior High School. The video entry should feature only one (1) Tiktok user.
3. The participant must design an experiment proving or applying a scientific concept, theory or law in a cheerful, lively and creative manner through a Tiktok video that is not more than one (1) minute.
4. The participant can explain the topic/concept in English or Filipino.
5. The Tiktok Video must use the hashtags #SCITOKPERIMENTS and #RSTF2021 in uploading the video entry in Tiktok.
6. All contents and audio in the TikTok video must be original and are owned by the participant/s. All creative visual tools such as animations, simulations, physical demonstrations, or visual aids are allowed. The contestant will be held accountable to any issues that may arise with regard to the originality and accuracy of the content.

7. The following TikTok video format are highly recommended: File size: The video should be up to 287.6 MB in size for iOS, or 72 MB on Android. Orientation: TikTok is formatted to be viewed on a smartphone, so vertical video is best. Dimensions: TikTok video dimensions should be 1080×1920. Aspect ratio: The aspect ratio should be that of a standard smartphone screen, 9:16. 1:1 is also possible, but it won't take up the whole screen. File type: TikTok supports .mp4 and .mov files.

8. Entries must be submitted with a subject format: "#SCITOKEXPERIMENTS\_SCHOOL\_ENTRY NO. \_" (ex. "#SCITOKPERIMENTS\_JNHS\_Entry No. 1).

9. The email should include: (1) the name/s of the participant/s, (2) Tiktok video link attachment of the video entry, and (3) a pdf file of the video script along with the references in Chicago Manual of Style. Non-submission of any of the required documents of the competition entry will automatically be disqualified.

10. RSTF 2021 Technical Working Committee reserves the right to remove, reject, or disqualify any entry if it, (a) violates the terms of service and privacy policy of Tiktok, and (b) infringes, misappropriates, or violates any rights of any third party including, without limitation, patent, copyright, trademark or right of privacy or publicity.

11. Entries submitted to "#SCITOKPERIMENTS do not represent DepEd Region VII and the RSTF Technical Working Group.

#### **SCITOKPERIMENTS CRITERIA**

| Criteria            | Percentage |
|---------------------|------------|
| Creativity          | 25         |
| Delivery/ Execution | 25         |
| Accuracy of Content | 40         |
| Engagement          | 10         |
| TOTAL               | 100        |

## CERTIFICATION

KNOWN ALL MEN BY THESE PRESENTS:

That I/We \_\_\_\_\_ of \_\_\_\_\_ writer/s in the \_\_\_\_\_ hereby certify that our entry is of our own, and is new and original to the best of our knowledge. I/We further certify that we give our permission for DepEd – Regional Office 7 to share the said Videos as supplemental learning materials to be used in the classrooms.

IN WITNESS WHEREOF, I/We have hereunto set our hands on this \_\_\_\_ day of \_\_\_\_\_, 2021 at \_\_\_\_\_.

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Witness

SUBSCRIBED AND SWORN TO before me this \_\_\_\_ day of \_\_\_\_\_ 2021, at \_\_\_\_\_, Philippines, affiant \_\_\_\_\_, exhibiting his proof of identity as above stated.

Doc. No.: \_\_\_\_\_

Page No.: \_\_\_\_\_

Book No.: \_\_\_\_\_

Series of 2021

Note: Please submit this form together with your entries on or before the Deadline of submission.

*Enclosure No. 4 to Regional Memorandum No. \_\_\_\_\_, s. 2021*

### **WAIVER AND CERTIFICATION**

The submission of jingle authorizes the Department of Education – Region VII to use the same for exhibition, education and/or publicity purposes of the Regional Science and Technology Fair; and that DepEd Regional Office 7 is not responsible for any legal claims involving copyright, trademark, credits, royalty infringement or any other violations related to the jingle. DepEd shall have complete, and sole ownership of the winning jingle to be utilized at its discretion.

The undersigned acknowledges and agrees to the following:

- a. Have read, understood and fully complied with terms and conditions and eligibility requirements of the contest;
- b. Duly authorized to submit this entry to the contest;
- c. The entry has not been, in any way, commercially exhibited anywhere;
- d. The entry is new and original; and
- e. Certify that all information given here is true to the best of my knowledge and abilities.

\_\_\_\_\_  
Signature Over Printed Name

\_\_\_\_\_  
Date

Note: Please submit this form together with your entries on or before the Deadline of Submission.