



Republic of the Philippines  
Department of Education  
Region III  
Schools Division of Angeles City



August 11, 2021



**DIVISION MEMORANDUM**

No. 223 s. 2021

**CONDUCT OF DIVISION SCIENCE AND TECHNOLOGY FAIR (DSTF) 2021**

To: OIC-Assistant Schools Division Superintendent  
Chief, School Governance Operations Division  
OIC Chief, Curriculum Implementation Division  
Public Schools District Supervisors  
Public Elementary and Secondary School Heads

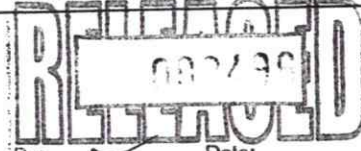
1. The Division of Angeles City, through the Curriculum Implementation Division (CID), announces the conduct of the Division Science and Technology Fair (DSTF) 2021, with the theme *Agham Pananaliksik at Teknolohiya : Kabalikat sa Matatag at Maunlad na Pamayanan*. The division screening and evaluation process of the submitted entries shall be held on August 12, 2021 using an online platform. The awarding ceremony and announcement of finalists to the Regional Science and Technology Fair (RSTF) will be on August 13, 2021 at 3:00 pm via google meet.
2. The activity aims to:
  - 2.1 develop among the youth resiliency, innovation, and creativity amidst global crisis; and
  - 2.2 showcase the competence of the learners in addressing community problems for sustainable development and to maximize their potentials of being inquisitive and creative in dealing with real life problems.
3. The virtual DSTF shall banner **Siyensikula** which is an original video competition focusing on science and engineering concepts. This activity shall highlight different trends, innovative solutions, and new Science and Technology knowledge related to education, safety, health, disaster preparedness, and community development.
4. Enclosed is the Regional Memorandum with enclosures 1-6 for your reference.
5. For your information, please contact Dr. Gemima A. Estrabillo, Division Science Education Program Supervisor, through email at [gemima.estrabillo@deped.gov.ph](mailto:gemima.estrabillo@deped.gov.ph).
6. Immediate and wide dissemination of this memorandum is desired.

  
MA. IRELYN P. TAMAYO, PhD, CESE  
Office of the Schools Division Superintendent  
Officer-in-Charge  
Assistant Schools Division Superintendent 



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REGION III-CENTRAL LUZON

DEPARTMENT OF EDUCATION  
RECORDS SECTION, REGIONAL OFFICE NO. 1



REGIONAL MEMORANDUM  
No. 349, s. 2021

By: \_\_\_\_\_ Date: **AUG 10 2021**

CONDUCT OF REGIONAL SCIENCE AND TECHNOLOGY FAIR (RSTF) 2021

To: Schools Division Superintendents  
Education Program Supervisors in charge of Science and Technology Fair  
Public School District Supervisors  
School Heads/Administrators, Public and Private Secondary Schools  
All Others Concerned

1. The Department of Education Regional Office III, through the Curriculum and Learning Management Division (CLMD), announces the conduct of the **Regional Science and Technology Fair (RSTF) 2021**, with the theme *Agham, Pananaliksik at Teknolohiya: Kabalikat sa Matatag at Maunlad na Pamayanan*. The regional screening and evaluation process of the submitted entries shall be held on **August 16-17, 2021** using an online platform. The awarding ceremony of the RSTF and announcement of the finalists to the National Science and Technology Fair (NSTF) shall be on **August 19, 2021**, via an online platform. The conduct of the Division Science and Technology Fair (STF) shall be on **August 12, 2021**.
2. The Schools Division Offices may conduct their own selection and screening process for their entries and participants in the Regional Science and Technology Fair.
3. This year's RSTF is anchored on the aims of the National Science and Technology Fair (NSTF) which are:
  - 2.1 to develop among the youth resiliency, innovation, and creativity amidst global crisis; and
  - 2.2 to showcase the competence of the learners in addressing community problems for sustainable development and to maximize their potentials of being inquisitive and creative in dealing with real-life problems.
4. The virtual RSTF shall banner **Siyensikula** which is an original video competition focusing on science and engineering concepts, virtual exhibits, virtual fora, workshops, career talks, technology and project launching, and film showing. This activity shall highlight different trends, innovative solutions, and new Science and Technology knowledge related to education, safety, health, disaster preparedness, and community development.
5. The following documents are enclosed for information and guidance of all concerned:  
Enclosure No. 1 *Siyensikula - Mechanics*



Address: Matalino St. D.M. Government Center, Maimpis, City of San Fernando (P)  
Telephone Number: (045) 598-8580 to 89; Email Address: region3@deped.gov.ph



2682



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REGION III-CENTRAL LUZON


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Enclosure No. 2	<i>Siyensikula</i> – Rubric Evaluation Tool
Enclosure No. 3	Calendar of Important RSTF Activities and Requirements
Enclosure No. 4	<i>Siyensikula</i> – Waiver and Certification
Enclosure No. 5	Culminating Activity Matrix
Enclosure No. 6	Technical Working Group (TWG)

6. All expenses to be incurred relative to the conduct of this 2021 RSTF shall be charged against the Regional MOOE and subsidy from the DepEd-BCD, whereas expenses like video editing, communication allowance of the learners/coach, etc., shall be charged to local funds of the school/SDO, subject to the usual accounting and auditing rules and regulations.

7. For more information, please contact Mr. Arlon P. Cadiz, Regional Science Education Program Supervisor, through email at [arlon.cadiz@deped.gov.ph](mailto:arlon.cadiz@deped.gov.ph).

8. Immediate and wide dissemination of this memorandum is desired.

  
**MAY B. ECLAR, PhD, CESO III**  
Regional Director

Encl.: As stated

Clmd10  
August 9, 2021



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Enclosure No. 1 to Regional Memorandum No. 311, s. 2021

**SIYENSIKULA MECHANICS**

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 participant can discuss the topic in English and/or Filipino.
3. All contents in the video must be original and are owned by the participant. 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. List and cite all of the resources used including but not limited to images, audio, video clips, books, articles, etc. Use public domain sites for your references and resources. Entries with photos and videos which are derivative works will automatically be disqualified.
5. Each division may send a maximum of **two (2) official entries** to the Regional Siyensikula Competition. They should be properly endorsed by the Schools Division Superintendent through an endorsement letter on or before the deadline of submission at the regional level on August 13, 2021.
6. Entries must be uploaded to the designated Google drive through this link <https://tinyurl.com/2021RSTFSDOEntries> not later than August 13, 2021, with a subject format: "SIYENSIKULA\_DIVISION\_VideoTitle" (ex. SIYENSIKULA\_ZAMBALES\_Ligtas).
7. The Science Education Program Supervisor should email the information of their entries which include: (1) the name of the participant, (2) Youtube 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.
8. There will be three stages in the judging process:



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8.1 PEER-TO-PEER REVIEW (1st Stage) - The Peer-to-Peer Review is the first phase of judging. Entries will be reviewed and scored by at least five (5) 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 peers who will review and rate the entries of other contestants. The top-scoring entries will receive special recognition. The criteria for judging are found in Enclosure No. 2.

8.2 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 2021 RSTF of the Department of Education, Regional Office III. The top-scoring 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 official Facebook page will receive special recognition for this accomplishment.

8.3 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 found in Enclosure No. 2. The decision of the evaluation and selection committee review is **final** and **unappealable**.

9. The evaluation results of the Evaluation and Selection Committee are independent of the results of the Peer-to-Peer Evaluation and Popular Vote.
10. There will be two (2) winners of special awards based on the results of the peer-to-peer review, two (2) special awards based on the results of the popular vote, and six (6) winners in the final stage of judging. However, the top **three (3) entries** in the Final stage shall be declared as qualifiers and will represent the region in the National Science and Technology Fair (NSTF) 2021.
11. All the winning entries shall receive certificates/awards and will be posted on the official Facebook page of the Regional Science and Technology Fair 2021 with the permission and proper acknowledgement of the creators/participants. Participants must submit a duly notarized Certification. (Enclosure No. 4)
12. 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 are found in Enclosure No. 5.



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Enclosure No. 2 to Regional Memorandum No. 319, s. 2021

**SIYENSIKULA – RUBRIC EVALUATION TOOL**

Entry No.	Points					
	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	Failed to explain the subject matter clearly; video did not help viewer understand subject matter.	Explanation was at times confusing and viewer was not able to understand much of the 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	Subject matter is typically covered at	Subject matter is typically covered at the middle	Subject matter is typically covered at	Subject matter is typically covered at the	Subject matter is typically covered at the



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	elementary school level.	the junior school level.	school level, but the video expands upon more complex areas of the subject matter.	the high school level.	advanced high school level or early college level.	advanced college level or higher.
Total (Maximum of 20 points)						



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Enclosure No. 3 to Regional Memorandum No. 319, s. 2021

**CALENDAR OF IMPORTANT RSTF ACTIVITIES AND REQUIREMENTS**

<b>Activity</b>	<b>Date</b>	<b>Required Items</b>	<b>Persons Involved</b>	<b>Modality</b>
Submission of entries for the RSTF	August 13, 2021	See <i>Siyensikula</i> Mechanics item numbers 6 & 7	Division Science EPS,	Online Submission
Screening and Judging of entries for RSTF	August 16-17, 2021	Rubric Evaluation Tool	Regional Science EPS	Online Synchronous & Asynchronous
Peer-to-Peer Review	August 16-17, 2021	Rubric Evaluation Tool	Contest Committee/TWG	Online
Popular Vote	August 16-18, 2021	Official FB Page of RSTF 2021	Contest Committee/TWG	Online
RSTF Awarding Ceremony	August 19, 2021	Certified Final list of winners	Panel of Judges, Contest Committee	Online
Meeting of Science EPS and NSTF qualifiers	August 20, 2021	Compliance to NSTF requirements	Regional & Division Science EPS	Online
Submission of entries for the NSTF	August 23, 2021	Compliance to NSTF requirements	Regional & Division Science EPS	Online



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Enclosure No. 4 to Regional Memorandum No. 319, s. 2021

**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 – Bureau of Curriculum Development 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.**



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Enclosure No. 5 to Regional Memorandum No. 319, s. 2021

**REGIONAL SCIENCE & TECHNOLOGY FAIR (RSTF) CULMINATING ACTIVITY**

Activity Matrix

August 19, 2021  
9:00 A.M. onwards

National Anthem .....	AVP
DepEd RO III Hymn .....	AVP
Prayer .....	AVP
Welcome & Inspirational Message .....	May B. Eclar, PhD, CESO III Regional Director
Introduction of the Panel of Judges .....	Arlon P. Cadiz EPS, CLMD
Presentation of the Siyensikula Entries .....	AVP
Announcement of Winners & Qualifiers of NSTF .....	Arlon P. Cadiz EPS, CLMD
Closing Remarks .....	Librada M. Rubio, PhD Chief, CLMD



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Enclosure No. 6 to Regional Memorandum No. 319, s. 2021

**RSTF 2021 TECHNICAL WORKING GROUP (TWG)**

Erickson S.J. Serrano	Meycauayan National High School, SDO Meycauayan
Marlon B. Marvilla	City of Meycauayan Vocational Sr. High School, SDO Meycauayan
Catherine V. Gabriel	Bancal Integrated School, SDO Meycauayan
Joselito P. Mendoza	San Miguel National High School, SDO Bulacan
Mark Kevin L. Olimba	Sta. Lucia National High School, SDO Bulacan



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