



**November 4, 2019**

**DIVISION MEMORANDUM**

No. 676, s. 2019

**REGIONAL SCIENCE AND TECHNOLOGY FAIR FOR SCHOOL YEAR 2019-2020**

**To : Assistant Schools Division Superintendent  
Chiefs, CID & SGOD  
Education Program Supervisors / Coordinators  
Public Schools District Supervisors/ OICs  
Public Elementary and Secondary School Heads  
Heads, Private Elementary and Secondary Schools**

1. This Office disseminates Regional Memorandum No. 0567 s., 2019 dated October 22, 2019 entitled "Regional Science and Technology Fair for School Year 2019- 2020".
2. Immediate and wide dissemination of this Memorandum is desired.

  
**MARILYN STANDALES, ED. D., CESO V**  
Schools Division Superintendent



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

Office of the Regional Director

OCT 22 2019

REGIONAL MEMORANDUM  
No. 0567, s. 2019

**REGIONAL SCIENCE AND TECHNOLOGY FAIR FOR SCHOOL YEAR 2019-2020**

To: Schools Division Superintendents

1. Relative to DepEd Memorandum No. 113, s. 2019, this Office, through the Curriculum and Learning Management Division (CLMD), will conduct the **Regional Science and Technology Fair (RSTF) for S.Y. 2019-2020 on November 13-15, 2019** at the Deped - Ecotech Center, Sudlon, Lahug, Cebu City.
2. The RSTF aims to:
  - A. promote Science and Technology consciousness among learners;
  - B. identify the most creative/innovative and the best Science researchers who shall represent the Region in the National Science and Technology Fair;
  - C. encourage Science teachers' creativity in designing Strategic Intervention Materials (SIM); and
  - D. promote the use of technology in learning through Robot games.
3. Participants are the First Place winners of the respective SDOs for the Science Research competition (Researchers and Research Advisers) whose entries have been approved by the Regional Scientific Review Committee (SRC), First Place innovators/inventors, First Place elementary and secondary SIM Writers, student-contestants and coaches for the Science Quiz and Robot Games, Division Science Education Program Supervisors, CID Chiefs and Schools Division Superintendents.
4. The research plan and scientific research paper must follow the format specified in the **ISEF Rules**. All research projects from the school to the regional level must undergo peer, teacher and expert evaluation.
5. The complete required research forms and manuscripts, paper invention reports, copies of SIMs shall be submitted in hard and soft copies (excel format) on or before **October 25, 2019** to the Regional Office with an endorsement from the Schools Division Superintendent. The screening of the research projects shall be conducted on **October 30-31, 2019** at the Regional Office by the Regional Scientific Review Committee. The qualifiers for the Research Competition will be released through a Regional Memorandum while the entries for the Science Innovation Expo, SIM, Science Quiz and Robot Games shall automatically advance to the Regional Science and Technology Fair 2019-2020. Considering that there are 19 divisions, one entry per category must be observed.
6. Enclosed are the following documents for reference:
  - Enclosure No. 1 - RSTF Management Team;
  - Enclosure No. 2 - Program Schedule Matrix;
  - Enclosure No. 3 - Schedule for Check-in/out and First and Last Meals;
  - Enclosure No. 4 - DepEd Memorandum No. 113, s. 2019;

Enclosure No. 4 - Guidelines on the STF  
Schematic Diagram on the Flow of STF Activities  
Format of Research Paper  
Format of Paper Invention Report  
Format of Display Board for the Innovation Expo  
Format of the Data and Report  
Checkpoints for SRC Review  
SRC Review and Recommendation Report  
BOJ Project Evaluation Form

Enclosure No. 5 - Robot Games Official Game Rules  
Sumobot Official Game Rules  
Line Tracing Official Game Rules

Enclosure No. 6 - Mechanics for Science Quiz

Enclosure No. 7 - Criteria for Strategic Intervention Material (SIM)

7. A registration fee of **Two Thousand Nine Hundred Pesos (P2,900.00)** shall be collected from each participant to cover the expenses for board and lodging, venue, honoraria of judges, prizes and materials needed for the conduct of the Regional STF.

8. Registration fee, travel expenses and accident/life insurance that will be charged from each participant are chargeable against Division/School MOOE/RSHS/SEF/local funds and other fund sources subject to the usual government accounting and auditing rules and regulations.

9. The Division Science Supervisors and RSTF Technical Working Group/Staff are requested to report on November 13, 2019, 1:00 PM at the venue for the briefing and final preparations of the said event.

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



**SALUSTIANO T. JIMENEZ, Ed D, JD, CESO V**  
Director III  
Officer-in-Charge  
Office of the Regional Director

STJ/CAE/MJCD/carj  
CLMD'19

**REGIONAL SCIENCE AND TECHNOLOGY FAIR FOR SY: 2019-2020**

November 13-15, 2019


DepEd Ecotech Center, Sudlon, Lahug, Cebu City

**PROGRAM MANAGEMENT TEAM**

RSTF Director	RD Salustiano T. Jimenez
RSTF Assistant Director	ARD Cristito A. Eco
RSTF Manager	Dr. Maria Jesusa C. Despojo Chief ES, CLMD
RSTF Coordinator	Cesar A. Restauro, Jr. EPS, CLMD Science Coordinator
<b>RSTF Technical Working Group and Staff</b>	
Juanita F. Negapatan	RO7
Christian Pondar	RO7
Lorideth Edicto	RO7
Jeshel Baclado	RO7
Rey Pono	RO7
Ma. Jasmin Jabil	RO7
Salvacion Adana	Bais City Division
Adonis Rivera	Bayawan City Division
Hermenilda Gracio	Bohol Division
Meriam Abadilla	Carcar City Division
Raylene Manawatao	Cebu City Division
Juvinar Montolo	Cebu Province Division
Charmaine Ramos	City of Bogo Division
Genda de Gracia	City of Naga Division
Carmencita Lopez	City of Naga Division
Marlyn Canales	Danao City Division
Antonieta Vendiola	Dumaguete City Division
Jose Belono Jr.	Guihulngan City Division
Jennifer Mirasol	Lapu-Lapu City Division
Rufino Tudlasan Jr.	Mandaue City Division
Arnold Junco	Negros Oriental Division
Nicarterm Lomocso	Siquijor Division
Vida Encarquez	Tagbilaran City Division
Filipinas Barrios	Talisay City Division
Elsie Seneris	Tanjay City Division
Hermilina Bendoy	Toledo City Division
Donald Dungog	Lapu-Lapu City Division
Jonathan Cartilla	Lapu-Lapu City Division
Glenny Laping	Lapu-Lapu City Division
Federico Nunez	Lapu-Lapu City Division
Reyna Dolera	Lapu-Lapu City Division
Bobbie Lavador	Danao City Division
Reden Bastismo	City of Naga Division

**REGIONAL SCIENCE AND TECHNOLOGY FAIR FOR SY: 2019-2020**  
 November 13-15, 2019  
 DepEd Ecotech Center, Sudlon, Lahug, Cebu City

**PROGRAM SCHEDULE MATRIX (PSM)**

TIME	DAY 0	DAY 1	Day 2
	November 13, 2019	November 14, 2019	November 15, 2019
8:00-10:00 AM		Opening Program	
10:01-12:00 NN		On-Site Interview for the Science Research Competition/ Science Innovation Expo/ Strategic Intervention Materials Presentation Robot Games Science Quiz	Research Congress
12:01-1:00 PM		Lunch Break	
1:01-3:00 PM	Arrival and Registration	On-Site Interview for the Science Research Competition/ Science Innovation Expo/ Strategic Intervention Materials Presentation Robot Games Science Quiz	Project Teardown
3:01-5:00 PM	Setting-Up of Project Display	On-Site Interview for the Science Research Competition/ Science Innovation Expo/ Strategic Intervention Materials Presentation Robot Games Science Quiz	Awarding Ceremony

Enclosure No. 3 to Regional Memorandum No. 0567, s. 2019

**REGIONAL SCIENCE AND TECHNOLOGY FAIR FOR SY: 2019-2020**

November 13-15, 2019

DepEd Ecotech Center, Sudlon, Lahug, Cebu City

**Schedule for Check-In/Out and First/Last Meal**

<b>CHECK-IN</b>	<b>FIRST MEAL</b>	<b>CHECK-OUT</b>	<b>LAST MEAL</b>
2:00 PM November 13, 2019	Dinner of November 13, 2019	12:00 NN November 15, 2019	Lunch of November 15, 2019



Republic of the Philippines  
**Department of Education**

05 SEP 2019

DepEd MEMORANDUM  
 No. **113**, s. 2019

**NATIONAL SCIENCE AND TECHNOLOGY FAIR FOR SCHOOL YEAR 2019-2020**

To: Undersecretaries  
 Assistant Secretaries  
 Bureau and Service Directors  
 Regional Directors  
 Schools Division Superintendents  
 Public and Private Secondary School Heads  
 All Others Concerned

1. The Department of Education (DepEd), through the Bureau of Curriculum Development (BCD) announces the conduct of the **National Science and Technology Fair (NSTF) for School Year (SY) 2019-2020** from February 10 to 14, 2020 at a venue to be announced in a later date. The conduct of the school, division, and regional Science and Technology Fair (STF) shall be held on the following dates:

Level	Date
School	September 2019
Division	October 2019
Regional	November 2019

2. The STF aims to promote Science and Technology consciousness and a culture of innovation among the youth. The NSTF also aims to identify the most creative and innovative student researchers from the Junior and Senior High School who shall represent the country in the international Science research fairs. *shh*

3. In addition to the usual research competition, the **NSTF-Science Academy** shall be held to give the participants opportunity for learning and development through attendance in various talks designed to promote innovation, creativity and excellence in science and research. The Academy Speakers will be selected based from the criteria listed in Enclosure No. 4.

4. The **official participants** from each region at the national level National Science and Technology Fair shall only be the **Rank 1 Regional Winners** in each of the different categories whose entries have been **approved by the National Level Scientific Review Committee (SRC)**. Substitutes shall not be allowed. The description and maximum number of official participants are the following:

Maximum Number of Student Participants per Region	
Life Science Category (4)	
Individual	1
Team	3
Physical Science Category (4)	
Individual	1
Team	3

Robotics and Intelligent Machines Category (4)	
Individual	1
Team	3
Science Innovation Expo (4)*	
Individual	
Team	4*
<b>TOTAL</b>	<b>16*</b>

\*Maximum of 2 individual projects or one individual and a team project.

5. The number of other Official Party members are as follows:

<b>Maximum Number of Other Official Party per Region</b>	
Regional Director	1
Assistant Regional Director	1
Regional EPS-Science	1
Regional EPS-Math	1
Chief Education Program Supervisor-CLMD	1
Research Advisers (Qualified Projects)	2
Observers (one for every six student finalists)	2*

\*Observer slots may be given to the research adviser/s of the student finalist/s or Division Math/Science Education Program Supervisors.

6. The travel expenses and other incidental expenses of the participants in the national level STF shall be charged to local funds or other sources; whereas, the expenses of the BCD staff, board and lodging of official party, materials, transportation and communication relative to the activities, prizes and cash awards, and honoraria of members of the SRC, Board of Judges (BOJs) and external or non-DepEd resource persons shall be charged to the BCD Fund, subject to the usual accounting and auditing rules and regulations.

7. The following documents are enclosed for information and guidance of all concerned:

- Enclosure No. 1 - Guidelines on the National STF 2019-2020,
- Enclosure No. 2 - Schematic Diagram on the Flow of STF Activities,
- Enclosure No. 3 - 2019-2020 Calendar of Important STF Activities and Requirements,
- Enclosure No. 4 - Submission of Interested Science Academy Speakers,
- Enclosure No. 5 - Science Academy Symposium Presenter Application Form,
- Enclosure No. 6 - Format of Research Paper,
- Enclosure No. 7 - Format of Invention Report Paper,
- Enclosure No. 8 - Format of Display Board for the Innovation Expo,
- Enclosure No. 9 - Science Innovation Expo - Process Flow,
- Enclosure No. 10 - Data Submission to BCD by Regional Coordinators,
- Enclosure No. 11 - Updated Checkpoints for SRC Review,
- Enclosure No. 12 - SRC Review and Recommendation Report, and
- Enclosure No. 13 - BOJ Project Evaluation Form.

*shc*



8. Further, Regional Coordinators (RCs), Division Science and Math Supervisors, School Heads, and Participants are expected to download softcopies of the International Rules for Pre-college Science Research: Guidelines for Science and Engineering Fairs 2019-2020 from: <https://sspcdn.blob.core.windows.net/files/Documents/SEP/ISEF/2020/Rules/Book.pdf> and the fillable forms from: <https://sspcdn.blob.core.windows.net/files/Documents/SEP/ISEF/2020/Forms/All.pdf>.

9. The registration fee for each participant is as follows:

Level	Participant	Registration Fee
Division	<ul style="list-style-type: none"><li>• Students with entries</li><li>• Research advisers</li><li>• Supervisors in Science and Mathematics</li></ul>	P2,500
Regional	<ul style="list-style-type: none"><li>• Students with entries</li><li>• Research advisers</li><li>• Supervisors in Science and Mathematics</li></ul>	P5,000
National	<ul style="list-style-type: none"><li>• Research advisers*</li><li>• Observers*</li></ul>	P7,500

\*beyond the number of allowed official party

10. Registration fees shall be charged to local funds, subject to the usual accounting and auditing rules and regulations. This fee will cover board and lodging of the other members of the regional delegation. The subsidy to cover the payment for honoraria of the members of the SRC and BOJ relative to the conduct of Regional STF shall be downloaded to the regions.

11. The RCs are requested to submit to BCD, through email at [nstf@deped.gov.ph](mailto:nstf@deped.gov.ph), the reports using the format provided in Enclosure No. 5 on or before **December 6, 2019**. Failure to submit the report and projects on time shall **disqualify** the region in the national fair.

12. All other activities relative to Science, Technology, Engineering and Mathematics research projects including those of the private associations shall be harmonized with the activities of the NSTF from **February 10 to 14, 2020**. Furthermore, it is also strongly encouraged that the school level STF be participated by all students even those coming from other special interests programs.

13. For more information, please contact **Ms. Anna Liza M. Chan**, Senior Education Program Specialist, Bureau of Curriculum Development-Curriculum Standards Development Division, 3rd Floor Bonifacio Building, Department of Education Central Office, DepEd Complex, Meralco Avenue, Pasig City through email at [nstf@deped.gov.ph](mailto:nstf@deped.gov.ph) or at telephone nos. (02) 632-7746 and (02) 635-9822.

14. Immediate dissemination of this Memorandum is desired.

  
**LEONOR MAGTOLIS BRIONES**  
Secretary

Encls.:

As stated

Reference:

DepEd Memorandum No. 134, s. 2018

To be indicated in the Perpetual Index  
under the following subjects:

CELEBRATIONS AND FESTIVALS  
CONTESTS  
LEARNING AREA, SCIENCE  
SCHOOLS  
STUDENTS

SMMA, DM National Science and Technology Fair for School Year 2019-2020  
0456 - July 9/23, 2019

**GUIDELINES ON THE NATIONAL SCIENCE AND TECHNOLOGY FAIR 2019 - 2020**

Similar to the previous national level fair, the National Science and Technology Fair (STF) for 2019 -2020 is an ISEF-affiliated fair. As such, the requirements for affiliated fairs should be met and followed as stated in the ISEF guidelines mentioned on the succeeding pages of this Memorandum.

**1. The Science Fair**

The Bureau of Curriculum Development of the Department of Education (DepEd-BCD) shall conduct the **National STF 2019 -2020** on **February 10 to 14, 2019**.

The STF aims to promote Science and Technology consciousness and a culture of innovation among the youth. The NSTF also aims to identify the most creative and innovative student researchers from the Junior and Senior High School who shall represent the country in the international Science research fairs.

In addition to the existing research competition, there shall be other activities within the fair as described below.

**1.1 National Science Innovation Expo**

Innovation Expo is designed to showcase products and innovation of learners. It aims to crowd-source and display Science and Technology innovations and solutions to everyday challenges. Furthermore, it also aims at developing appropriate technologies, in particular, by taking advantage of patent information for identifying suitable solutions to technical problems.

The format of the paper is found in **Enclosure No. 6**.

The region can send two (2) inventions.

**Gawad Aglitekno (Ag - Agham, Li - Likha, Tek -Teknolohiya)** shall be awarded to the most innovative invention exhibited at the fair.

**2. The Research Competitions**

The competitions will be conducted among Junior and Senior High School students from both public and private schools. The first place winners in each of the categories at the Regional level shall represent the region to the National STF competition as approved by the national Scientific Review Committee (SRC).

The competition will start at the school level advancing to the division, regional, national then to the international level. Regional Science High Schools (RSHSs) are **expected** to join the regional fair directly. RSHSs may submit only one entry per category or a maximum of six (6) projects in the regional fair.

The participation of schools in the NSTF shall be clustered into **three major categories**: Life Science, Physical Science, Robotics and Intelligent Machines and Science Innovation Expo. These major categories are further classified into different subcategories.