



Republic of the Philippines
Department of Education
Region XI
SCHOOLS DIVISION OF DIGOS CITY
Digos City



#19292

October 5, 2018

Division Memorandum
No. 955 s. 2018

2018 Division Sci-Tech Expo and Science and Technology Fair

**To: Public Schools District Supervisors
School Principals/Administrators/Officers-in-Charge
Public and Private Elementary, Junior and Senior High Schools**

1. In reference to Division Memorandum No. 937, s. 2018, entitled "Conduct of the Division Festival of Talents," the 2018 Division Sci-Tech Expo and 2018 Division Science and Technology Fair (DSTF) will be held on October 11, 2018 at Ramon Magsaysay Central Elementary School, Digos City, with the theme: "Science for the People: Innovation for Collective Prosperity".
2. The 2018 Division Sci-Tech Expo and Science and Technology Fair have the following objectives:
 - a. Provide the learners and teachers with opportunities to showcase their talents through exhibition of their products and performances as evidence of learning;
 - b. Promote holistic development, camaraderie and sportsmanship through healthy competitions;
 - c. Promote Science and Technology consciousness, and a culture of innovation among the youth; and
 - d. Identify contestants who shall represent the Division to the Regional and other levels of competitions.
3. The events to be contested and the number of contestants per event are as follows:

Event	Number of Participants
Science Quiz (Elementary) Grade 3-6	Top three (3) winners for every grade level from each District (for public schools) and top three (2) winners from each private school.
Science Quiz (Secondary) Grade 7-10, SHS	Top three (3) winners for every grade level from each public and private school
Science Investigatory Project (SIP) for Elementary	Top two (2) winners for the team and individual categories from each District
Strategic Intervention Material (SIM)	One entry per grade level from each District and each secondary school
Performance Output Display	One Display per District/School Cluster (Mt. Apo, Digos Occidental, Digos Oriental, Digos South, DICNHS Main, SHS in DC, Kapatagan NHS/Soong HS Annex, Ruparan NHS/Goma HS Annex/Balabag HS, Igpit HS Annex/Matti NHS, Dawis HS/Aplaya HS Extension)
Science and Technology Fair (SIP Secondary)	Top two (2) winners in each category in each secondary school (Life Science, Physical Science and Robotics and Intelligent Machines Category both Individual and Team subcategory)

4. The participants to this activity are the contestants, coaches, District Science Coordinators, School Research Coordinators, event facilitators, judges and members of the working committee.

5. Entries for the 2018 Science and Technology Fair must adhere to the Guidelines on National Science and Technology Fair for School Year 2018-2019 as stipulated in DepEd Memorandum No. 134, s. 2018, dated August 20, 2018, and the Intel International Science and Engineering Fair Rules and Guidelines.
6. Research papers must be submitted to the Education Program Supervisor in Science in 3 copies (in print) on or before 5:00 pm of October 9, 2018 as well as a soft copy of the research paper thru email address: luzmindaj@yahoo.com. The display board shall be set up on October 11, 2018 before the opening program at Ramon Magsaysay Central Elementary School Library.
7. No registration fee shall be collected from the participants. The participants shall take charge of their meals and snacks. Travel and other incidental expenses of the participants shall be charged to local funds/MOOE and other funds subject to the usual accounting and auditing rules and regulations.
8. School heads are requested to make necessary arrangements such that classes of teacher-participants are taken care of.
9. Attached are the List of Working Committees, Event Facilitators and Judges and the Guidelines for the Science Competitions.
10. For information, guidance and compliance.

WINNIE E. BATOON, EdD.
Officer-in-Charge
Office of the Schools Division Superintendent

For and in the absence of the
Schools Division Superintendent

Encls: As stated

References: Division Memorandum No. 937, dated October 1, 2017
DepEd Memorandum No. 134, s. 2018

gwendolyn - Oliver 10/17/18
SOLLIE B. OLIVER, LLB
Chief ES-SGOD
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To be indicated in the Perpetual Index under the following subjects:

CURRICULUM

SCIENCE

COMPETITIONS

lbg: 2018 division sci-tech expo and science and technology fair
5 October, 2018

DepEd Schools Division of Digos
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2018 Sci-Tech Expo and 2018 Division Science and Technology Fair
October 11, 2018
Ramon Magsaysay Central Elementary School

Working Committees, Event Facilitators and Judges

A. Working Committees

Committees	Chairperson	Members
Hall/Contest Venues Preparation and Decoration	Relydia Banlasan	RMCES Teachers
Certificates Preparation and Documentation	Janely Pantinople	Eileen Artiaga, Maribel Solis, Beth Dedace, Evelyn Flores
Registration and Awards (Elementary)	Cecilia Pilapil	Armelita Bechaida, Judith Galaraga, Jade Dabalos
Registration and Awards, (Secondary)	Aida Duropan	Mary Jane Boncayao, Angelisa Cabalquinto, Ariane Krystal Catubig
Food Preparation	Lito Cagas	Mary Jane Boncayao
Light, Sound and Multimedia Equipment Preparation	Jaymar Llanos	Jimmy Laranjo, Relydia Banlasan
SIP Exhibits	Mary Ann Suazo	Vina Aguilar

B. Quiz Event Facilitators

Event	Quiz Master		Proctor	
	Public	Private	Public	Private
Science 3	Marilyn Delos Santos	Shiela Donayre	Rochelle Camarillo	Cherilyn Montefalcon
Science 4	Ana Brenda Geral	Jonabeth Bangay	Ruby Paderanga	Edna Narida
Science 5	Alvisa Calipayan	Larrah Mae Asor	Sheila Joy Fondevilla	Analiza Diacosta
Science 6	Lolita Enfesta	Geneveil Subtiniente	Elma Grace Amacio	Kenneth Aldeguer
Science 7	Marilyn Delos Santos	Shiela Donayre	Rochelle Camarillo	Cherilyn Montefalcon
Science 8	Ana Brenda Geral	Jonabeth Bangay	Ruby Paderanga	Edna Narida
Science 9	Alvisa Calipayan	Larrah Mae Asor	Sheila Joy Fondevilla	Analiza Diacosta
Science 10	Lolita Enfesta	Geneveil Subtiniente	Elma Grace Amacio	Kenneth Aldeguer
SHS Science	Hannah Baron	Nancy Dumagan	Judith Abellon	Gina Jalop

C. SIM, SIP and Performance Output Competitions Facilitators and Judges

Events	Facilitators	Judges
SIM	Boots Liwayway Relampago	Janely Pantinople, Mylene Robiños, Ronald Dedace
SIP (Elementary)	Christy Cabahug	Jean Hernan, Maricel Manceras, Marilou Diana
SIP (Secondary)	Marisol Limpangog	Garnette Mae Balacy, Athena Bien, Eleser Mateo
Performance Output Exhibit	Omaira Grande	Juvy Comaingking, Zandria Sy, Mary Joy Fortun, Julieta Trazo, Aldin Barsalote, Mishel Cadungog

Steering Committee:

Chairperson: Beverly S. Daugdaug, Ed.D.
Chief Supervisor-CID

Co-Chair: 
LUZMINDA B. JASMIN
EPS-Science

Guidelines for the Science Competitions

A. Registration:

1. Each District/School shall prepare and submit the accomplished registration form to the registration committee using the following template:

School:			
Event:		Grade Level:	
Name of Contestant	Signature	Coach	Signature

This shall be accomplished in two copies and use one page per grade level.

B. Science Quiz Bee (Phase 1)

There will only be one phase in the quiz. Questions shall be of three categories: easy, average and difficult with scoring of 1,2 and 3 points, respectively. Questions will be read orally by the quiz master twice and the contestants will write their answer within the allotted time. The total score for the three levels will be the basis for declaring the winners.

In case of a tie within rank 1 to 3, clincher questions will be given to break the tie following the same mechanics though each item will be given one point only. The first to get a point will be declared winner. Top three winners will be declared and given certificate of merit.

The contestants will be responsible for providing their own illustration board/white board, chalk/white board marker and eraser.

Quiz Show (Phase 2). The Quiz show shall be conducted to select contestants for the Regional Quiz Bee (Team of three (3) per Category –Intermediate, Junior High School & Senior High School)

The top 3 winners from the public schools in the elementary and Junior High Schools shall undergo a second phase. The top three (3) scorers shall be declared champion, first runner-up and second runner-up in the Quiz Show and shall compose the team who shall represent the division at the regional level competition. Rules for tie breaking shall follow the Science Quiz guidelines.

C. Strategic Intervention Material (SIM) for teachers

All Strategic Intervention Materials shall include the following: Title Card, Guide Card, Activity Card, Assessment Card, Enrichment Card, Reference Card and Answer Card. The criteria for judging will be as follows:

Criteria	Points
1. Sub-tasking	15
2. Congruence	15
3. Usability/Functionality	45
4. Replicability	25
Total	100

The manuscript shall use A4 paper size and shall attach the action research and assessment result showing the least learned competency data. This shall be submitted upon registration.

D. Science Investigatory Project (SIP) for Elementary

The Science Investigatory Projects shall be of two categories: Individual and Team (with maximum of 3 members) regardless of the theme of the project (Physical or Life Science). The project shall be evaluated using the following criteria:

Criteria	Points
1. Creative Ability	30
2. Scientific Thought	30
3. Thoroughness	15
4. Skill	15
5. Clarity	10
Total	100

Three (3) copies of the manuscript shall be submitted on or before 5:00 pm of October 9, 2018.

Each entry shall set up their Display Board on October 11, 2018, before the opening program at the designated rooms at the SPED area of RMCES. Display board shall be prepared using the Nationals Science and Technology Fair 2018-2019 Guidelines (DepEd Memorandum No. 134, s. 2018)

E. Division Science and Technology Fair (DSTF)

The Division Science and Technology Fair shall be conducted following the guidelines of the National Science and Technology Fair 2018-2019 as stipulated in DepEd Memorandum No. 134, s. 2018 and the Intel International Science and Engineering Fair Guidelines.

There shall be three (3) categories: Life Science (LS), Physical Science (PS) and Robotics and Intelligent Machines (RIM) with subcategories - individual and team.

The project shall be evaluated using the following criteria:

Criteria	Points
1. Creative Ability	30
2. Scientific Thought	30
3. Thoroughness	15
4. Skill	15
5. Clarity	10
Total	100

Top three winners will be declared in each category.

F. Performance Output Display:

A display of the performance output of learners shall be made by district/School Cluster. Performance outputs of learners in Science may include projects/products, multimedia presentations, research projects, written reports, models, etc. which are prepared in line with the performance standards provided in the K to 12 Curriculum.

The following shall be the criteria for judging the Performance Output Display:

Criteria	Points
1. Creativity, originality and alignment with curriculum standards	30
2. Demonstration and integration of knowledge, understanding and skills in various context	30
3. Quality and variety of collection	20
4. Presentation	20
Total	100

Top three display shall be given certificate of recognition.

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Prepared by:


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