

September 18, 2019

Division Memorandum

Nr 581 s. 2019

2019 DIVISION SCIENCE FAIR AND COMPETITION - ELEMENTARY LEVEL

To: Assistant Schools Division Superintendents
Chiefs, SGOD & CID
Education Supervisors/ Coordinators
District Supervisors/ OIC
Elementary School Heads

1. This office announces the conduct of the 2019 Division Science Fair and Competition- Elementary Level with a theme " Science for the People: Enabling Technologies for Sustainable Development " on October 4, 2019 (Friday) at Asturias Central School, Asturias South District.
2. Only the first place winners of the following categories in every district will be eligible to participate :
 - Science Quiz (Written) (Gr.4 to 6)
 - Poster Making
 - Slogan Writing
 - Investigatory Projects
 - SIM (Teacher Category-any grade level, medium is English, and should address the Least Mastered Competency)
3. Parents' Consent signed by both father and mother or guardian allowing their child to participate the competition is needed.
4. Registration fee for the 2019 Division Science Fair and Competition-Elementary Level is 20php/participant, 30php/coach and 200php/ district to defray the expenses for the certificates, medals, simple decoration and honoraria and food of judges that are chargeable against School Club Funds/ Local School Board/ SEF/ PTA Funds, while transportation and other related expenses to be used in the contest with official receipts and per dime incurred in connection to the activities shall be chargeable to Local/School MOOE or any available funds subject to the usual accounting and auditing rules and regulations.
5. Austerity measures must be observed in this activity.
6. Attached is the final list of 2019-Division Science Fair and Competition Working Committees- Elementary Level and the criteria for judging.

7. This Memorandum serves as **AUTHORITY TO TRAVEL** of the participants, coaches, DSSs- Science, DASPIs/School Heads, Working Committees and PSDSs in the 2019 Division Science Fair and Competition-Elementary Level.
8. PSDSs and School Heads are directed to minimize the no. of teachers to go with the district delegation for the Area Level and to ensure that **NO classes** will be left unattended due to the attendance /participation of the teachers to these activities .
9. Immediate and wide dissemination of this **Memorandum** is desired.


RHEA MAR A. ANGTUD, ED.D.
Schools Division Superintendent

2019-DIVISION SCIENCE FAIR AND COMPETITION-ELEMENTARY LEVEL

Venue : Asturias Central School, Asturias South District

Date: October 4, 2019

(The no. of committee members are reduced due to lesser no. of contestants)

- WORKING COMMITTEES -

SCIENCE QUIZ :

Grade 4 : Chairman – Retiz S. Bucag
 Co- Chairman- Glenda U. Dela Pena
 Member-Lerma S. Gardos

Grade 5: Chairman-Emma V. Panugaling
 Co- Chairman-Jocelyn T. Bayato
 Member- Marylou M. Nunes

Grade 6: Chairman-Analiza C. Crisologo
 Co-Chairman- Yeldez M. Ricarte
 Member-Marieclar Z. Cuyos

SLOGAN WRITING

Chairman: Leonor M. Belarma
Co-Chairman: Jocelyn T. Itol
Membes: Felicitas M. Manchete
Lybenina Legarde

POSTER MAKING

Chairman: Rita Del Castillo
Co-Chairman: Jonah Espeleta
Members: Felilia Ceniza

SCIENCE INVESTIGATORY PROJECT (SIP)

Chairman: Aladin Cabanig
Co-Chairman; Ramil Montecillo
Members: Fortunato B. Broa Jr.
Leona B. Martinez

SCIENCE INTERVENTION MATERIAL (SIM)

Chairman: Raquel Solis
Co-Chairman : Roseville Alon
Members: Judilyn Suquib
Alice Carin

DOCUMENTATION and AWARDS:

Chairman: Ma. Laarni C. Necesario
Co-Chairman: Virginia I. Dela Pena
Members: All Chairmen of the different committees

PROGRAM and INVITATION:

Chairman: Maria Elena Milan
Co- Chairman: Ana Flor Gasta
Members: All School Science Coordinators of Asturias South District

REGISTRATION and FINANCE COMMITTEE:

Chairman: Michelle E. Dobluis
Co- Chairman: Ma. Leilani Josie B. Narvios
Members: All science teachers of Asturias CS, Asturias South District

Noted:



JUVIMAR E. MONTOLO
Education Program Supervisor-Science



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



MECHANICS FOR JUDGING

SLOGAN WRITING CONTEST MECHANICS

1. The participants should be officially registered by the registration committee. There should only be one (1) participant / entry from each district/municipality.
2. The materials required are
One-half white cartolina (landscape) Pencil, ruler and crayons
Any .7blackballpen Black pentel (for borders only)
3. The following are the guidelines
-The slogan consists of seven (7) words ONLY. Hyphenated IS ONE WORD. Punctuation not counted.
-No repetition of words from the theme,
- One inch (1-inch) all-around margin (pre-made) using pentel pen
-No limit of color
-Plain background
-Crayon or .7 black ballpen for outlining the words and the black pentel pen for making the border. Colored pens not allowed for tracing.
4. Criteria for Judging
Relevance to the Theme 30%
Creativity / Style 30%
Technical Skill 20%
Visual Impact 10%
Neatness and Correctness 10%
TOTAL **100%**
5. NO bringing of copies (actual illustration, etc) of their slogan, or else the entry will be disqualified.
6. The contest is good for one (1) hour.
7. The decision of the Board of Judges is final and irrevocable.

POSTER MAKING CONTEST MECHANICS

1. The participants should be officially registered by the registration committee. There should only be one (1) participant/entry from each district/municipality.
2. The materials needed are
One (1) whole white cartolina (portrait or landscape) Pencil
Ruler Eraser
Black pentel pen for border Crayons
3. The following are the guidelines:
- Pentel pens acceptable for outlining the figures
-Top and two sides One inch (1-inch), bottom 2 inches (prepared in advance)
- Abstract and NO additional texts is allowed in the poster made. All spaces must be filled with colors even if it is intended to be white.
- Use only the prescribed materials.
4. Criteria for Judging
Relevance to the Theme 30%
Creativity / Style 30%
Technical Skill 20%
Visual Impact 10%
Neatness 10%
TOTAL **100%**
5. NO bringing of small (actual illustration, etc.) copy of their poster.
6. The contest is good for two (2) hours.



7. The decision of the Board of Judges is final and irrevocable.

SCIENCE QUIZ WRITTEN MECHANICS

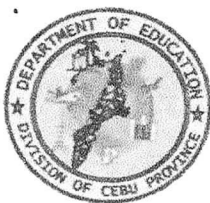
4. The participants should be officially registered by the registration committee. There should only be one (1) participant from each year level from each school.
2. The materials needed are
 - Ballpen (black/blue)
 - Clean paper for scratch only
3. The following are the guidelines
 - Contestants will answer 40 ITEMS test for 40 minutes.
 - In case of tie, CLINCHER will be facilitated.
 - Calculators are NOT allowed.
 - * Coverage is First and Second Quarter.
6. The facilitators are the only authorized persons to check the test papers and record the scores.
7. After checking and recording, return the test papers to the contestants.

CRITERIA FOR STRATEGIC INTERVENTION MATERIALS (SIM)-Teacher Category

Note: Be prepared beforehand. Prepare a soft copy of the SIM to be presented within 3 to 5 minutes.
MOV's of usability/functionality/classroom use- LP, Form 14 and Ass with a minimum of 30 pupils for elementary and 40 students for secondary.

		ENTRIES					
AREA		1	2	3	4	5	6
1.Subtasking	15%						
-Competency-based	5						
-Bloom's Taxonomy followed	6						
-SMAR-C (Specific, Measurable, Attainable, Relevant and Concise)	4						
2.Congruence	15%						
-Activities in line with content and skills	5						
-Assessment in line with content and skills	10						
3.Usability/Functionality	45%						
a.Language	3						
b.Title Card	2						
c.Guide Card	4						
d.Activity Card	14						
e.Assessment Card	3						
f.Enrichment Card	3						
g.Reference Card	3						
h.Answer Card	2						
i.Packaging	8						
j.Functionality	3						
4.Replicability	25%						
-Validated before classroom use	5						
-Developed Material based on least learned learning competency	5						
-Materials used improved mastery level	10						
-Handy and easy to copy	3						
-Cost	2						
TOTAL	100%						

Note : Items a,b,h, & i of no.3 no rubrics in attached separate page.



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3. Usability/ Functionality (No a, b, h, i, j)
rubrics

Guide Card

1. Gives preview of what students will learn
2. Stimulates interests in the topic
3. Presents the focus skills
 - a. Mentions the learning competencies
 - b. States at least three sub-tasks (activities)
 - c. Builds on prior learning/pre-requisites
 - d. Mentions the concrete outcome or product students are expected to demonstrate/produce
4. Cites briefly the activities
5. Challenges the learner in performing the tasks

Activity Card

1. Translate the focus skills into at least three activities
2. Provides activities that/where:
 - a. are organized based on the sequence of the focus skills (in the Guide Card)
 - b. have clear directions
 - c. provide examples to concretize the concepts particularly those drawn from real-life experience
 - d. students can complete independently, in pairs, or in small groups
 - e. allow students to make discoveries and formulate ideas of their own
 - f. guides and challenges students' thinking and learning
 - g. uses local data and situations (e.g. interacting with people in the community)
3. Provides transition statements that recognize students' accomplishments
4. Provides questions that:
 - a. guide the development of concepts/focus skill
 - b. elicit the message or reasoning that a student can take away from an activity/experience
 - c. establish the relationship between the topic/lesson and what is/are familiar to them
 - d. develop the skills in the three domain

Assessment Card

1. Provide questions, drills and activities that allow students to:
 - a. assess their understanding of what they have learned and correct errors when appropriate
 - b. monitor their learning and use feedback about their progress
2. Formulates standard tests formats to give students practice in test-taking techniques
3. Gives clear directions
4. Provides an answer key (in separate card)

Enrichment Card

1. Provides activities that reinforce the content of the lesson
2. Provides opportunities for students to:
 - a. apply what they have learned to other subject areas or in new context
 - b. work independently or in groups to explore answers to their own questions

Reference Card

1. Provides readings that relate content with students' experiences
2. Provides a carefully researched list of resources that:
 - a. will reinforce concepts/skills learned
 - b. provide additional content not found in the textbook
 - c. students may refer for further reading

Functionality

1. A study was conducted and submitted by the teacher as to why and how the SIM was prepared
2. SIM has been in used:
 - a. Less than a year (1 point)
 - b. 1 - 3 years (4 points)
 - c. 4 years and more (5 points)



CRITERIA FOR SCIENCE INVESTIGATORY PROJECTS

Scientific Thoughts and Engineering Goals _____ **30%**

1. Scientific Thought

- a. Brief and clear statement of the problem
- b. Well defined procedure

2. Engineering Goals

- a. Clear and relevant objectives
- b. Economically feasible solutions

3. Potential contributions/practical value

Creativity, Resourcefulness and Inventiveness _____ **30%**

- a. Creative ability in presenting the problem/ in the approach to solve the problem
- b. Innovative design/ new idea shown
- c. Intelligence and imagination in finding ways/ means to undertake the project

Thoroughness _____ **15%**

- a. Familiarity with scientific literature in the relative field
- b. Awareness of other approaches or theories
- c. Appropriateness of methodology

Research Skill _____ **15%**

- a. Use of laboratory equipment/ innovative resources
- b. Appropriate, orderly and effective presentation of data

Oral Presentation Skill _____ **10%**

- a. Clear and thorough discussion of the project
- b. Clarity and consciousness of explanation pertaining to important aspects of the research proposal
- c. Presentation aided by AV materials
- d. Over-all personality
 - self confidence
 - enthusiasm

TOTAL _____ **100%**



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Region VII, Central Visayas
DIVISION OF CEBU PROVINCE**

2019: Division Science Fair and Competition- Elementary Level

Venue: ; Asturias Central School, Asturias South District

Date: October 4, 2019

REGISTRATION FORM

Name of District/Municipality

Name of Competition	Name of Pupil/s or Participant	Name of Coach	Name of School
1. Science Quiz (Written)			
Science Quiz Gr.4			
Science Quiz Gr.5			
Science Quiz Gr.6			
2. Poster Making			
3. Slogan Writing			
4. Investigatory Project (Individual Category)			
-Life Science			
- Physical Science			
6. Investigatory Project (Team Category)			
- Life Science			
- Physical Science			
-Robotics and Intelligent Machine			

Prepared by: _____
DSS- Science

Noted by:

PSDS/ DASPI

(Note: Please accomplish in two copies- 1 copy for the district, 1 copy for the registration)

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