

September 26, 2018

Division Memorandum
No. 654, s. 2018

**2018-DIVISION SCIENCE FAIR AND COMPETITION-
ELEMENTARY LEVEL**

To: Assistant Superintendents
Chiefs, SGOD and CID
Education Supervisors / Coordinators
District Supervisors / OICs
Elementary School Heads
Heads, Private Elementary Schools

1. This office announces the conduct of the “ 2018-Division Science Fair and Competition-Elementary Level “ with the theme “ **WAVEFRONT : Accentuating potentials, activating technological advancements.** ” on **October 12, 2018** , at **Alegria Central School , Alegria District, Alegria, Cebu.**
2. Only the first place winners of the following categories in every municipality will be eligible to participate:
 - Science Quiz (Written) (Grades 4 to 6)
 - Poster Making
 - Slogan Writing
 - Investigatory Projects
 - SIM (Teacher Category -any grade level as long as it addresses the Least Mastered Competency)
3. Relative to this, all public and private secondary schools are enjoined to participate this contest.
4. School heads are directed to ensure that no classes will be left unattended due to the attendance/participation of the said teachers to this competition.
5. Registration is 20php/contestant and 30php for the coach will be collected to defray the expenses for the honoraria of panel of judges of Investigatory Projects (IPs), Poster Making, Slogan Writing and Strategic Intervention Material(SIM) are chargeable against Science Club Funds/ Local School Board/SEF/PTA Funds, while transportation, materials and other related expenses to be used in the contest and per dime incurred in connection with the activities shall be chargeable to Local /School MOOE or any available funds subject to the usual accounting and auditing rules and regulations.
6. Deadline for the submission of IP entries will be on October 1, 2018.
6. Attached is the final list 2018- Division Science Fair and Competition Working Committees – Elementary Level and the criteria for judging.
6. This Memorandum serves as **Authority to Travel** of the participants, coaches, Secondary Science Specialists, Secondary Science Officers, Secondary School Heads and District Supervisors.
7. Immediate dissemination of this Memorandum is desired.

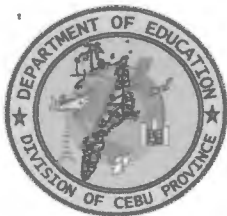

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Schools Division Superintendent

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**2018-DIVISION SCIENCE FAIR AND COMPETITION-
ELEMENTARY LEVEL**

-WORKING COMMITTEES-

Science Quiz-Gr.IV-Chairman : Glenda Dela Pena

Co- Chairman: Retiz S. Bucag

**Members: Charisse C.Unabia
Theodalinda R.Siao
Vivien Alquilos
Elvie Rose C. Suico
Jessa Espiritu
Teresita N. Descartin**

**Ana Lerma S. Cardoso
Aida B. Guarin
Rosalie Cabanit
Dahlia T. Montemayor
Lourdesita Sigamata
Japhet R. Lagumbay**

Science Quiz-Gr.V- Chairman: Emma V. Panugaling

Co-Chairman : Jocelyn T. Bayato

**Members: Marylou M. Nunez
Calixta S.Grengia
Jocelyn E.Sacnanas**

**Ermenlinda C. Mata
Lilybeth Y. Dinopol
Vivian Lumapay**

Science Quiz-Gr.VI-Chairman :Chairman : Marieclar Z. Cuyos

Co-Chairman : Virginia I. Dela Pena

**Members: Analiza C. Crisologo
Letecia G. Isidro
Lourdes A. Bustamante
Antonio Ariel F. Causing
Dioscora Mahinay
Teresa Bregente
Crispina B. Tatang**

**Yeldez M.Ricarte
Julieta A. Ylanan
Ma. Leilani Josie B. Narvios
Temotea Abella
Grace A. Jayme
Laarni Giduqui**

Poster Making –Chairman : Rita Del Castillo

Co-Chairman:Joelina M. Molde

**Members: Jona A.Espeleta
Nora T.Bejoc
Estrella G. Mercader
Marilou Y.Tabas
Isidro Porio
Alice C. Zurita
Mitchell P. Nuevo**

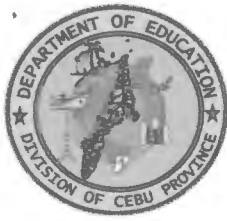
**Felilia B.Ceniza
Mercedita Piamonte
Maria Cherry B. Quiapo
Carlos Andrino
Macario L. Ricarte, Jr.
Jurenda M. Cinco**

Slogan Writing –Chairman :Leonor M. Belarma

Co-Chairman: Alice Carin

**Members: Jeanesa A.Monceda
Juvelyn T. Leones
Judy V. Hayo
Tessie A. Caparoso
Madelaine A. Ortaliz
Erwin B. Jaron**

**Victoria M. Galo
Joy Eden Z. Borja
Felicitas M. Machete
Rolando Novabos
Jocelyn T. Itol**



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



Science Investigatory Project (SIP) Chairman: Aladin E. Cabanig-Cel. No. 09292578545

Co-Chairman: Ramil B. Montecillo

Members: Malauren R. Pinol

Montanietta Rigonan

Bernardita T. Rellin

Vita Mier

Marife L. Logdonio

Leona B. Martinez

Joselieta S. Bangcuyan

Fortunato Broa, Jr.

Gwendolyn B. Sordilla

SIM (Teacher Category) - Chairman: Josephine S. Dela Torre

CO-Chairman: Maria Elena M. Milan

Members: Erlinda Legaspino

Lolita F. Bihag

Judilyn S. Suquib

Ellen Gulfan

Marilyn Ewican

Austrelina A. Monzales

Mercedita Gabido

Raquel C. Solis

Marivic Mangubat

Roseville A. Aion

Julletta Abellana

Angeles Bugtai

Documentation and Awards : Chairman : Lybenina L. Legarde

Members: Ma. Laarni C. Necesario

Susan Sumampong

Salvacion Teves

Chariss Cabag

Bebelyn Tiengo

Rebecca Dibdib

Registration : Chairman : Michelle E. Dobluis

Co-Chairman: Ana Lerma Cardoso

Members : Elsa Abatayo

Bernadita Pinez

Artemio Baluntang

Hazna Mae L. Quinanola

Mary Jane Dinampo

Mrs. Laarni C. Necesario

DSS- Secretary

Noted:

JUVIMAR E. MONTOLO

EPS-Science



MECHANICS FOR JUDGING

SLOGAN WRITING CONTEST MECHANICS

- The participants should be officially registered by the registration committee. There should only be one (1) participant / entry from each district/municipality.
- The materials required are

One-half white cartolina (landscape)	Pencil, ruler and crayons
Any .7 blackballpen	Black pentel (for borders only)
- 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.
- Criteria for Judging

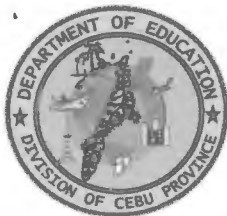
Relevance to the Theme	30%
Creativity / Style	30%
Technical Skill	20%
Visual Impact	10%
Neatness and Correctness	<u>10%</u>
TOTAL	100%
- NO bringing of copies (actual illustration, etc) of their slogan, or else the entry will be disqualified.
- The contest is good for one (1) hour.
- The decision of the Board of Judges is final and irrevocable.

POSTER MAKING CONTEST MECHANICS

- The participants should be officially registered by the registration committee. There should only be one (1) participant/entry from each district/municipality.
- The materials needed are

One (1) whole white cartolina (portrait or landscape)	Pencil
Ruler	Eraser
Black pentel pen for border	Crayons
- 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.
- Criteria for Judging

Relevance to the Theme	30%
Creativity / Style	30%
Technical Skill	20%
Visual Impact	10%
Neatness	<u>10%</u>
TOTAL	100%
- NO bringing of small (actual illustration, etc.) copy of their poster.
- 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.

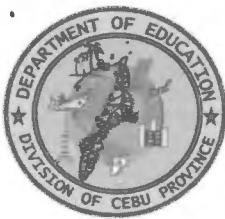
CRITERIA FOR STRATEGIC INTERVENTION MATERIALS (SIM)-Teacher Category

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

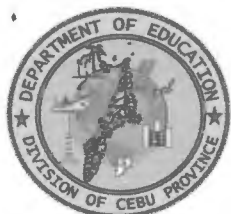
ENTRIES

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.



3. Usability/ Functionality (No a, b, h, d, i) rubrics
- c. 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
 - d. 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 parts, 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 meaning 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
 - e. Assessment Card %
 - 1. Provide exercises, 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)
 - f. Enrichment Card %
 - 1. Provides activities that reinforces 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
 - g. 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
 - j. 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

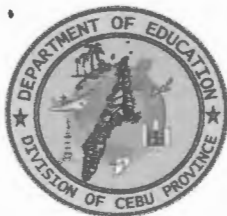
Research Skill-----15%

- 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%



**Department of Education
 Region VII, Central Visayas
 DIVISION OF CEBU RPOVINCE**

**2018- Division Science Fair and Competition- Elementary Level
 Venue: Alegria Central School, Alegria District, Alegria, Cebu**

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)