



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



September 6, 2015

Division Memorandum  
No. 577, s. 2015

**2015-DIVISION SCIENCE FAIR AND COMPETITION  
ELEMENTARY LEVEL**

To: Assistant Superintendent  
Education Supervisors / Coordinators  
District Supervisors / OICs  
Elementary School Heads  
Heads, Private Elementary Schools

1. This office announces the conduct of the “**2015-Division Science Fair and Competition Elementary Level**” with the theme “**MateREALIZE : Synthesizing Ideas, Extracting Knowledge, Forging Science Clubbers as Agents of Innovation**” on September 25, 2015, at Tapon Central Elementary School, Daan Bantayan District-2, Daan Bantayan , Cebu.
2. Only first place winners of the following categories will be eligible to participate in every district:
  - Science Quiz- Grades III- VI- ( Medium all in English)
  - Essay Writing
  - Poster Making
  - Slogan Writing
  - Investigatory Project
  - Strategic Intervention Material-( Medium is English )
3. Transportation, materials and other related expenses to be used in the contest and per diem incurred in connection with the activities shall be chargeable against Local School Board/ SEF/School MOOE/PTA Funds/Science Club Funds or any available funds subject to the usual accounting and auditing rules and regulations.
4. Attached is the list 2015-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, DSSes, DASPIs and Division SCAAP officers.

*ARDEN D. MONISIT*  
**ARDEN D. MONISIT, Ed.D.**  
Schools Division Superintendent

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## **Division Science Fair 2015 Working Committees**

### **Science Quiz - Grade Three**

Chairman: Ma. Laarni C. Necesario

Co-Chairman: Rebecca B. Dibdib

Members: Jocelyn Itol

Letecia G. Isidro

Milagros Petallo

Ellen Gulfan

Alice Zunita

Susan Baring

Ellen Maningo

Marivic Mangubat

Ramil Agustines

### **Essay-Writing**

Chairman: Evelyn Pantaleon

Co-Chairman: Roseville Alon

Members: Alice Carin

Estrella Mercader

Judith Haylo

Marilou Larona

Angeles Bugtai

Marilou Tabas

Lyn Legaspi

Loreta G. Taan

### **Science Quiz - Grade Four**

Chairman: Glenda U. de la Pena

Co-Chairman: Jocelyn Bayato

Members: Retiz Bucag

Marie Joy Pacilan

Ana Lerma Cardosa

Ramil Agustinez

Vivien Alquilos

Theodalinda Siao

Vivian G. Lumapay

Montanieta D.Rigonan

Charrise C. Unabia

### **Investigatory Project**

Chairman: Aladin Cabanig

Co-Chairman: Ramil Montecillo

Members: Ma. Victoria Delantes

Bernardita Rellin

Joselieta Bangcuyan

Madelaine Ortaliz

Vita Mier

Malauren Pinol

Lolita F. Bihag

Jurenda M. Cince

Fortunato B. Broa Jr.

Leona B. Martinez

### **Science Quiz- Grade Five**

Chairman: Analiza C. Crisologo

Co-chairman: Ermelinda Mata

Members: Yeldez M. Ricarte

Calixta Gringia

Lilibeth Dinopol

Margelina Maratas

Elena Milan

Aida Guarin

Rosalie Cabanit

Lucita R. Ynoy

### **Poster Making Contest**

Chairman: Roquito L. Uraca

Co-Chairman: Rita del Castillo

Members: Ethel Barte

Eleodora Cullamat

Marilou Regala

Nena Limpangog

Lolita Uytico

Carlos Andrino

Jackylien Mangabon

Jona A. Espeleta

Alan Antecristo

Nora Bejoc

**Science Quiz- Grade Six**

Chairman: Marieclar Cuyos

Co-chairman: Antonio Ariel Causing

Members: Virginia de la Pena

Timotea Abella

Dioscora Mahinay

Julieta Ylanan

Lilian T. Cabilino

Tomas Diamante

Lourdes Bustamante

Achilles P. Baron

Dorothy Caracas

**Strategic Intervention material Committee**

Chairman: Mrs. Elisa E. Matulac

Co-Chairman: Mrs. Ursula Villaver

Members : Mercedita Sabido

Judilyn Suquib

Lani Narvios

Austrelina Monzales

Eleonor Omolon

Sabina Divinagracia

Mercedita Sabido

**Slogan Writing Contest Committee**

Chairman: Leonor Belarma

Co-Chairman: Raquel Solis

Members: Jeanesa A. Monceda

Ma. Wilma Golla

Azucena Pacquiao

Emma Panugaling

Aida Causin

Claro Nudalo

Delia Cases

Lybenina L. Legarde

Macario Ricarte Jr.

**Registration and Finance**

Chairman: Michelle E. Dobluis

Co-Chairman: Panchita Valdoza

Members: Bernardita Pinez

Artemio Baluntang

Rosario R. Dublin

Leonor Belarma

**Documentation**

Chairman: Amor Banares

Members: Japhet R. Lagumbay

Salve Bucita

Jeane Y. Silva

Charlene Camino

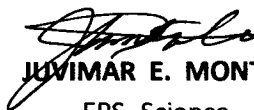
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Prepared by:

(Sgd.) **MA. LAARNI C. NECESARIO**

Secretary

Noted:



**JUVIMAR E. MONTOLO**

EPS- Science



Republic of the Philippines  
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**SEPTEMBER-SCIENCE MONTH CELEBRATION**

**CRITERIA FOR JUDGING**

**I. INVESTIGATORY PROJECT :**

**Scientific Thought 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 objective/s
  - 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 conciseness 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%**

**II-SCIENCE QUIZ: Written –(One (1) pupil from each grade level)**

**Coverage- First and second rating**

**No. of Items- Grade III- 36 items**

**Grade IV-VI- 40 items**

### RULES

1. Participants in the different competitions must be officially registered by the committee concerned.
2. The top 3 winners in the different competitions will be recognized and be given awards.
3. The decision of the board of judges is final and irrevocable.
4. The first place winners in all competitions will participate in the Division Science Fair.

### SCI-QUIZ

1. The test is written with 36 items for Grade III and 40 items for Grades IV, V & VI.
2. Time allotment to answer the test is 40 minutes.
3. There is only 1 contestant from each grade level.
4. The coverage is from first to second rating period.

### POSTER MAKING

1. Allotted time to do the work is 2 hrs.
2. Contestants are required to use 1 whole white cartolina, black pentel, pencil, ruler and crayons.
3. Margin -- top and 2 sides 1 inch, bottom 2 inches.
4. No additional text is allowed in the poster made.

#### CRITERIA

A. Relevance to the theme	-	30%
B. Creativity / Style	-	30%
C. Technical Skill	-	20%
D. Neatness & Correctness	-	10%
E. Visual Impact	-	10%
<b>Total</b>		<b>100%</b>

### SLOGAN MAKING

1. Allotted time to do the work is 1 hr.
2. Materials to be used are ½ white cartolina, black pentel, <sup>(7) black</sup> my-gel ballpen, pencil, ruler and crayons.
3. The Slogan starts with a verb consisting of 7 words only *w/out background*
4. My-gel black ballpen is used for outlining the words and the black pentel pen for making the boarder
5. Margin: 1 inch up, sides and bottom.

#### CRITERIA

A. Relevance to the theme	-	30%
B. Creativity / Style	-	30%
C. Technical Skill	-	20%
D. Neatness & Correctness	-	10%
E. Visual Impact	-	10%
<b>Total</b>		<b>100%</b>

### ESSAY WRITING

1. Allotted time to write is 1 hr.
2. The essay should have a minimum of 250 and a maximum of 300 words.
3. There should only be 1 contestant per school. The contestant may either be a Grade V or Grade VI pupil.
4. The contestant will use an intermediate pad paper.

#### CRITERIA

A. Relevance to the theme	-	30%
B. Organization Coherence & Emphasis	-	40%
C. Originality	-	20%
D. Neatness	-	10%
<b>Total</b>		<b>100%</b>

**CRITERIA FOR STRATEGIC INTERVENTION MATERIAL**

- Handwritten mark: a stylized signature or symbol in the top left corner.*
- I. 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
  - II. 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
  - III. 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)
  - IV. 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
  - V. 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
  - VI. 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)
  - VII. Replicability** ..... %
- Total** ..... **100%**

**CRITERIA FOR SCIENCE INTERVENTION MATERIAL**

Grade/Year Level: \_\_\_\_\_

AREA	E N T R I E S					
	2	3	4	5	6	
<b>1. Subtasking . . . . . 15%</b>						
• Competency-based 5						
• Bloom's Taxonomy followed 6						
• SMAR-C 4						
<b>2. Congruence. . . . . 15%</b>						
• Activities in line with content and skills . . . . . 5						
• Assessment in line with content & skills. . . . . 10						
<b>3. Usability/Functionality. . . . . 45%</b>						
• Language 3						
• Title Card 2						
• Guide Card 4						
• Activity Card 14						
• Assessment Card 3						
• Enrichment Card 3						
• Reference Card 3						
• Answer Card 2						
• Packaging 8						
• Functionality 3						
<b>4. Replicability . . . . . 25%</b>						
• Validated before classroom use 5						
• Dev. material based on least learned LC 5						
• Mat. used improved mastery Level 10						
• Handy and easy to copy 3						
• Cost 2						
<b>TOTAL. . . . . 100%</b>						

\_\_\_\_\_  
Judge