



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



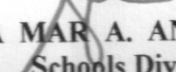
September 15, 2017

Division Memorandum
No. 599, s. 2017

**2017-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 “ 2017-Division Science Fair and Competition- Elementary Level “ with the theme “ **Earthbeat: Excavating the Abyss, Pulsing the Current, Steering the Youth as Stewards of Sustainable Development** ” on October 6, 2017 , at San Remigio Central School, San Remigio District 1, San Remigio, Cebu.
2. Only first place winners of the following categories in every district is eligible to participate:
 - Science Quiz-Gr.IV
 - Science Quiz-Gr.V
 - Science Quiz-Gr.VI
 - Poster Making
 - Investigatory Projects (Team and Individual Categories)
 - Strategic Intervention Material –SIM (Teacher Category)
 - Slogan Writing
3. Relative to this, all public and private elementary schools are enjoined to join this contest .
4. School heads are directed to ensure that no classes will be left unattended due to the attendance of said teachers to this competition.
5. 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 fund subject to the usual accounting and auditing rules and regulations.
6. Attached is the list 2017 - 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 , DSSes and DASPIs.
8. Immediate dissemination of this Memorandum is desired .


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

**2017-DIVISION SCIENCE FAIR AND COMPETITION-
ELEMENTARY LEVEL
-WORKING COMMITTEES-**

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

Co- Chairman: Ritez S. Bucag

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

**Ana Lerma S. Cardosa
Aida B. Guarin
Rosalie Cabanit
Judith N. Haylo**

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

Co-Chairman : Jocelyn T. Bayato

**Members: Marlou M. Nunez
Calixta S. Grengia
Azunena T. Pacquiao
Jocelyn E. Sacnanas
Susana R. Abordo**

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

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

Co-Chairman : Virginia I. Dela Pena

**Memebers: Analiza C. Crisologo
Letecia G. Isidro
Lourdes A. Bustamante
Antonio Ariel F. Causing**

**Maria Elena Milan
Julieta A. Ylanan
Ma. Leilani B. Narvios
Panchita G. Baldoza**

Poster Making –Chairman : Rita Del Castillo

Co-Chairman: Joelina M. Molde

**Members: Marilou Regala
Nora T. Bejoc
Estrella G. Mercader
Jerceda M. Cinco
Alan Anticristo**

**Jona A. Espeleta
Felilia B. Ceniza
Mercedita Diamante
Marilou Y. Tabas
Carlos Andrino**

Slogan Writing –Chairman :Leonor M. Belarma

Co-Chairman:Lybenina L. Legarde

**Members: Ma. Wilma Giolla A.Codilla
Ellen Maningo
Alice Carin
Ma. Rebecca Dibdib
Lucita Ynoy**

**Jeanesa A. Monceda
Jocelyn Itol
Japhet Lagumbay
Marilou Laroma
Erlinda Legaspino**

Science Investigatory Project (SIP) Chairman: Aladin E. Cabanig

Co-Chairman: Ramil B. Montecillo

**Members: Malauren R. Pinol
Ma. Victoria A. Delantes
Bernardita T. Rellin
Montanietta Rignonan**

**Leona B. Martinez
Joselieta S. Bangcuyan
Fortunato Broa, Jr.
Vita C. Mier**

SIM (Teacher Category)-Chairman: Angeles Z. Bugtai

Members: Erlinda Legaspino

**Lolita F. Bihag
Judilyn S. Suquib
Ethel B. Barte
Marivic Mangubat**

**Mercedita Gabido
Raquel C. Solis
Alice S. Carin
Roseville A. Alon
Rosalie Cabanit**

Documentation and Awards : Chairman : Macario L. Ricarte

Co-Chairman: Ma. Laarni C. Necesario

**Members : Yeldey M. Ricarte
Jocilyn Sinadjan
Jocelyn Dadula
Patria Teano
Leah Mendaros**

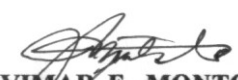
Registration : Chairman : Michelle E. Dobluis

Co-Chairman : Josephine Dela Torre

**Members : Bernadita Pinez
Etcher Duterte**

**Mrs. Laarni C. Necesario
DSS- Secretary**

Noted:


**JUVIMAR E. MONTOLO
EPS-Science**

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

**2017- Division Science Fair and Competition- Elementary Level
Venue: San Remigio Central School, San Remigio District 1, San Remigio, 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 | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Prepared by: _____
DSS- Science

Noted by: _____
PSDS/ DASPI

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

CK



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 Inventiveness30%

- 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 skill15%

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

Oral Presentation Skill10%

- 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 IV-VI- 40 items

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

SCI-QUIZ

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

POSTER MAKING

Prepared margin

- Allotted time to do the work is 2 hrs.
- Contestants are required to use 1 whole white cartolina, black pentel, pencil, ruler and crayons. *pentel pen acceptable for outlining the figures*
- Margin - top and 2 sides 1 inch, bottom 2 inches
- 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% |
| Total | | 100% |

SLOGAN MAKING

- Allotted time to do the work is 1 hr
- Materials to be used are $\frac{1}{2}$ white cartolina, black pentel, ~~black~~ ^{my-gel} ballpen, pencil. *(7) black*
- The Slogan starts with a verb consisting of 7 words only
- My-gel black ballpen is used for outlining the words and the black pentel pen for making the boarder, *crayons are also accepted for outlining the words*
- 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% |
| Total | | 100% |

** hyperated word - is one word*
** punctuation not included*
** prepared margin*
** without background*

ESSAY WRITING

- Allotted time to write is 1 hr
- The essay should have a minimum of 250 and a maximum of 300 words
- There should only be 1 contestant per school. The contestant may either be a Grade V or Grade VI pupil
- 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% |
| Total | | 100% |

Not included

Not included

CRITERIA FOR SCIENCE INTERVENTION MATERIAL

Grade/Year Level: _____

| AREA | | ENTRIES | | | | | |
|--|------|---------|---|---|---|---|--|
| | | 2 | 3 | 4 | 5 | 6 | |
| 1. Subtasking | 15% | | | | | | |
| • Competency-based | 5 | | | | | | |
| • Bloom's Taxonomy followed | 6 | | | | | | |
| • SMAR-C | 4 | | | | | | |
| 2. Congruence | 15% | | | | | | |
| • Activities in line with content and skills | 5 | | | | | | |
| • Assessment in line with content & 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 | | | | | | |
| • Dev. material based on least learned LC | 5 | | | | | | |
| • Mat. used improved mastery Level | 10 | | | | | | |
| • Handy and easy to copy | 3 | | | | | | |
| • Cost | 2 | | | | | | |
| TOTAL | 100% | | | | | | |

Pls. see attached rubrics

Judge _____

Note: Only items a, b, h & i of no. 3 has ^{NO} rubrics in separate page as a guide.

[Signature]

[Handwritten mark]

3. Usability/ Functionality (No a, b, h, d, i) rubrics
- U
- 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 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
- 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)