



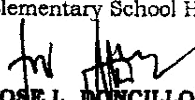
Republic of the Philippines
Department of Education
REGION V (BICOL)
DIVISION OF CATANDUANES
 Virac



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Division Memorandum
 No. 120 s. 2013

TO: Education Program Supervisors/Coordinators
 Public Schools District Supervisor
 Elementary School Heads

FROM: 
JOSE L. DUNCILLO, CESO VI
 OIC, Asst. Schools Division Superintendent

SUBJECT: **2013 Division Festival of Talents in Elementary Science**

DATE: November 19, 2013

1. Pursuant to Regional Memorandum No. 155, s. 2013 entitled, "**Regional Festival of Talents (Elementary)**", this division will conduct the *2013 Division of Talents in Elementary Science* on **December 5, 2013** at the Virac Pilot Elementary School with the theme, "*Learn, Grow and Succeed in the K to 12 Education*".
2. The objectives of this competition are:
 - a. show pupils' performance and products as evidence of their learning;
 - b. encourage pupils' to strive for excellence;
 - c. enhance pupils' level of confidence and competence through friendly competitions; and
 - d. provide them with opportunities in leadership and cooperative undertaking.
3. Participants to the festival are the following:
 - a. **Elementary Science Quiz** - 1st place winners in the district for Grades III, IV, V & VI, 1 contestant per Grade for VPES-SSES and JMAMES SPED.
 - b. **Science Fair**
 - Fair I-- Life Science*
 3 winners for individual category
 3 winners for Team category
 - Fair II-- Physical/Applied Science*
 3 winners for Individual category
 3 winners for Team category
 - c. **Action Research (Teacher)** - 1st place winner in the district, VPES-SSES and JMAMES SPED
 - d. **Science Art Contest** - 1st place winner in the district, VPES-SSES and JMAMES SPED.
4. **First Place** winners in the division level in Science Quiz III, IV, V and VI, Action Research, Scie-Art Contest and Top 3 winners in the Science Fair shall represent the division in the Regional Festival of Talents at **tinago Central School, Naga City** on December 12, 2013.
5. **Specific** guidelines or the mechanics of the contests and the different working committees are contained in the **attached** enclosures.
6. A registration fee of Fifty Pesos (Php 50.00) shall be charged to each participant and coaches for operational **expenses**, meals and honorarium of judges and other expenses relative to the conduct of this activity.
7. **Travel** and other expenses relative to this activity shall be charged against MOOE/School and PTA Funds **subject** to the usual accounting and auditing rules and regulations.
8. **Widest** dissemination of and compliance to this memorandum is desired.

Ref.: Regional Memorandum No. 155, S. 2013

To be indicated in the Perpetual Index
 Under the following subjects:

CONTESTS	FESTIVAL OF TALENTS	SCIENCE	QUIZ
INVESTIGATORY PROJECT	PUPILS	SCIE-ART	

CONTESTS GUIDELINES

A. SCIENCE QUIZ

1. Each contestant shall be provided with permanent number.
2. There shall be three (3) rounds for all categories: easy, Average, and Difficult. There shall be **ten (10) easy questions**, **five (5) average questions** and **five (5) difficult questions**. All contestants shall answer all questions in the 3 rounds. Each correct answer in every round will be given corresponding points, to wit:

Easy -	1 point
Average -	2 points
Difficult -	3 points

3. Each question must be answered within the time allocated for it. **Ten (10) seconds** for non-computational and **thirty (30) seconds** for computational.
4. The quizmaster shall read each question twice and the time shall start only after the quizmaster says, "go". The contestants may begin to answer only after the quizmaster says "go".
5. The contestant must write his/her final answer on the answer sheet. If a contestant wishes to change his/her answer, the former answer should be crossed-out and the final answer encircled.
6. All answers must be **spelled correctly** to be considered correct. If the answer is a **proper noun, capitalization of the first letter of the word is also a basis in declaring an answer correct. Use of calculators shall not be allowed.**
7. After the time limit has expired, each contestant must show his/her answer to the audience before the quizmaster reads the correct answer. Solutions may be checked by the board of judges if needed.
8. The total score of the contestant after three rounds shall be his/her score.
9. The contestant with the highest final score shall be declared as the first place winner, the second highest, second place winner, the third highest as the third place winner, and so on.
10. In case of a tie, a **Clincher Round** shall be played. It shall be a knock out system between or among the contestants with equal scores until a winner emerges. The first one who can answer correctly will be the winner.
11. The duly registered coach of the contestant is the only person authorized to file a protest. All protest should be referred to the Board of Judges before the quizmaster reads the next question. No protest shall be entertained by the Board of Judges when the quizmaster started reading the next question.
12. Any violation of the aforementioned rules shall cause the disqualification of the contestant concerned.

B. SCIENCE FAIR

I. REQUIREMENTS FOR THE PROJECT

A. Content

1. Contribute to the advancement of science and technology.
2. Have socio-economic significance and relevance in the environmental protection and conservation of the ecosystem.
3. Demonstrate scientific principles to provide new knowledge and new discoveries.

B. Physical Set-Up

The physical set-up must be well-organized and attractive. Use clear and informative displays. Make headings clearly and label them correctly. A two-page project abstract must be posted in one corner.

C. Abstract

The abstract should consist of short description of the problem and its solution. It must be encoded, single spaced with a maximum of 300 words, font 12 (Arial or Times New Roman). The abstract must include the following: purpose, procedure used, results and conclusions.

D. Research Paper

The research paper for the Division entry should contain the following: a) Problem/s; b) Objectives; c) Methods and Procedures; d) Results; e) Conclusions and Recommendations; and f) Bibliography

E. Classification of Entries

Fair I – Life Science

- 3 winners for individual category
- 3 winners for Team category

Fair II – Physical/Applied Science

- 3 winners for Individual category
- 3 winners for Team category

F. Categorization of Entries

Individual Project – conducted by one student only in any of the identified disciplines under life sciences or physical science.

Team Project – conducted by 2 or 3 in a team in any of the identified disciplines under life sciences or physical science.

CRITERIA FOR JUDGING THE SCIENCE FAIR (INDIVIDUAL CATEGORY)

Scientific Thought and Engineering Goals 30%

1. Science Thought
 - a. Brief and clear statement of the problem
 - b. Well defined objectives and procedure
 - c. Adequate data to support conclusions
2. Engineering Goals
 - a. Clear and relevant objective/s
 - b. Economically feasible solutions
3. Potential contributions/practical value.

Creative, Resourcefulness and Inventiveness 30%

- a. Creative ability in presenting the problem/ in the approach to solve the problem.
- b. Innovative design/ new ideas 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 10%

- a. Use of laboratory equipment/ innovative resources.
- b. Appropriate, orderly and effective presentation of data.
- c. Clear and thorough discussion of the project.

Presentation Skills 15%

- a. Exhibit
 1. Clear, orderly and effective presentation of project
 2. Presentation of results
 3. Conformity with the required physical specifications.
- b. Oral Presentation Skills
 1. Clear and thorough discussion of the project
 2. Clarity and conciseness of explanation pertaining to important aspects of the research proposal
 3. Presentation aided by AV materials
 4. Over-all personality
 - Self-Confidence
 - Enthusiasm

CRITERIA FOR JUDGING THE SCIENCE FAIR (TEAM CATEGORY)

Creative, Resourcefulness and Inventiveness 25%

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

Scientific Thought and Engineering Goals 25%

4. Science Thought
 - d. Brief and clear statement of the problem
 - e. Well defined objectives and procedure
 - f. Adequate data to support conclusions
5. Engineering Goals
 - c. Clear and relevant objective/s
 - d. Economically feasible solutions
6. Potential contributions/ practical value.

Thoroughness 12%

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

Research Skill 12%

- a. Use of laboratory equipment/ innovative resources.
- b. Appropriate, orderly and effective presentation of data.
- c. Clear and thorough discussion of the project.

Clarity 10%

- a. Exhibit
 1. Clear, orderly and effective presentation of project
 2. Presentation of results
 3. Conformity with the required physical specifications.
- b. Oral Presentation Skills
 1. Clear and thorough discussion of the project
 2. Clarity and conciseness of explanation pertaining to important aspects of the research proposal.
 3. Presentation aided by AV materials
 4. Over-all personality
 - Self-Confidence
 - Enthusiasm

Teamwork 16%

ACTION RESEARCH

1. Participant must be a Science teacher of any elementary school.
2. He/She must be adjudged as a District winner.
3. During the Division Contest, every teacher-contestant shall be given 10 minutes to explain his/her study. However, there will be no time limit for the interrogation portion after the ten minute presentation.
4. Five copies of the project write-up shall contain the following parts:

Title Page

Abstract

I. Introduction

- a. ~~Situation~~ and Review of Related Studies/Projects and or Literature
- b. ~~Objectives~~
- c. **Significance of the Project**
- d. **Application (attach Lesson Plan/s used the teaching device/gadget)**

II. Methodology

- a. Materials
- b. Procedure in the preparation of the device
- c. Testing on the functionality of the device and its effectiveness

III. Results and Discussions

As used by the teacher-investigator

- a. Findings

As corroborated by other teacher-users of the device

- a. Analysis of Results

IV. Conclusion

V. Recommendations

- a. **The criteria for judging the projects**

Workmanship/physical appearance	20%
Economically/Durability	15%
Usability/Functionality	20%
Effectiveness	25%
Creativity	20%
TOTAL	100%

SCI- ART CONTEST

1. **Each** district should be represented by one (1) contestant only.
2. **Each** contestant should bring $\frac{1}{2}$ illustration board and poster paints/color (red, blue, and yellow **only**) as materials.
3. **Borrowing** of materials from the contestants during the contest shall not be allowed.
4. **Duration** of the contest should not exceed two (2) hours. There shall be no extension of the time **for late comers**.
5. **Finished** output should not contain the contestant's name.
6. **Criteria** for judging are as follows:

Creativity/Authenticity	25%
Relevance to the theme	30%
Color Harmony	25%
Neatness	10%
Visual Impact	10%

7. The decision of the judges shall be final and unappealable.

WORKING COMMITTEES

A. Science Quiz

GRADE	CONTEST ADMINISTRATORS/ JUDGE	QUIZ MASTERS	QUIZ TIMER	QUIZ SCORERS
III	Merly Gozales PSDS, Virac South	Jocelyn Burce ESP-I, Gogon ES	Felix M. Sorra Jr. ESHT-III, Bigaa ES	Delfin Tabuzo (Board) VPES Pedro Gimenez (Table) Taytay ES
IV	Erlinda Borbe PSDS, Caramoran North	Frankie Turalde ESP-II, Virac Central ES	Joan Correo ESHT-II, Hicming ES	Jose Angelo Aquino (Board) VPES Mark Eustaquio (Table) Simamla ES
V	Belen Tapas PSDS, San Miguel North	Lina Mariano ESP-I, Palnab ES	Gregorio C. Velasco ESHT-II, Dugui Too ES	Jose Antonio Tupas (Board) VPES Richard Guerrero (Table) Sto. Niño ES
VI	Roger de Mesa PSDS, Bato West	Gina L. Custodio ESP-III, VPES	Genry Tayam ESHT-II, Hawan Grande ES	Jayson Floranza (Board) Gary Tañon (Table) Taytay ES

B.

Science Fair – Individual/Team Category

Chairman: Lilibeth Tabuzo
Members: Yolanda Tayam
Analyn Carpio

Scie – Art Contest

Chairman: Jose Ruben Tria
Members: Pamfilo Sarmiento
Jayson Vargas

Science Action Research (Teacher)

Chairman: Cynthia T. Soneja
Member: Zarita M. Boneo

C.

PROGRAM AND INVITATION

Chairman: Marisol T. Lim
Members: Rushell Imperial
Analyn Carpio

REGISTRATION

Chairman: Ruth B. Sorrera
Members: Salve T. Templo
Nimfa Tablizo
Lalina Abundo

AWARDS

Chairman: Felicitas Mendez
Members: Arlene Alberto
Evelyn Garcia

DOCUMENTATION

Chairman: Miguel Rodriguez
 Members: Araceli Tenerife
 Marites Vargas

FOOD SERVICE

Chairman: Salvacion Tresmanio
 Members: Rebecca Tolentino
 Rochelle Avila

ACCOMMODATION/SOUNDS/STAGE DECORATIONS

Chairman: Gina L. Custodio
 Members: Cecilia Camacho
 Jason Yutan
 Michelle Anne Ogalinola
 Pamfilo Sarmiento
 Jose Antonio Tupas
 Delfin Tabuzo

ROOM ASSIGNMENTS:**A. Science Quiz**

GRADE	GABALDON BUILDING
III	Mrs. Aileen Sarmiento's Room - Right Wing
IV	Mrs Imelda Auditor;s Room - Right Wing
V	Mrs. Susan Molod's Room - Right Wing
VI	Mrs. Francia Gimenez' Room - Near the District Office
Scie - Art	VPES Library
ScienceFair	Ms. Michelle Anne Ogalinola's Room - Left Wing
Action Research (Teacher)	Mrs. Remy Tabilin's Room - Left Wing