



Republic of the Philippines
Department of Education
Cordillera Administrative Region
DIVISION OF BAGUIO CITY
#82 Military Cut-off Road, Baguio City



August 28, 2015

DIVISION MEMORANDUM



No. *136* s. 2015

DEPED DIVISION OF
BAGUIO CITY
SEP 10 2015
RELEASED

GUIDELINES ON THE 2015 DIVISION SCIENCE AND MATHEMATICS FESTIVALS

To : Public Schools District Supervisors
School Administrators, Principals, Head Teachers
Elementary and Secondary Science and Math Teachers
(Public and Private Schools)

1. In line with the 2015 Division Science and Mathematics Festivals on October 9 and 10, 2015 at Lucban Elementary School for Mathematics and Baguio City National High School for Science, the guidelines can be downloaded in our website, www.depedpines.com
2. It aims to provide comprehensive guidelines for the adoption of elementary and secondary schools per district/cluster of the Division of Baguio City.
3. These guidelines stipulate the specific mechanism, criteria and processes for the selection of participants per district/cluster in each contest for elementary and secondary categories.
4. It shall take effect immediately upon its issuance.
5. Immediate and wide dissemination of this memorandum is desired.


FRANCIS CESAR B. BRINGAS, CESO VI
Schools Division Superintendent 

GUIDELINES ON THE 2015 DIVISION MATHEMATICS FESTIVAL

1. QUIZ BEE

Elementary Level – Participants are top three (3) winners in the District Level Competition

- a. Grades 4 and 5 – Individual oral quiz
- b. Grade 6 – Individual written quiz and Team oral quiz (2 members)
- Separate contestants for Individual and Team

Secondary Level – Participants per group/cluster shall be as follows.

- a. West Baguio Central District & Baguio Central District 4
- b. North Quezon District and Quezon District 4
- c. Lucban District and Mabini District 4
- d. Baguio City National High School 4
- e. Philippine Science High School 1

Grades 7 to 9 – Individual oral quiz

Grades 10 – Individual written quiz and Team oral quiz (2 members)

- Separate contestants for Individual and Team

2. DAMATH - *Per level (Elementary), per grade level (Secondary)*

Elementary Level – Participants are top three (3) winners in the District Level Competition

Secondary Level – Participants per group/cluster shall be as follows

- a. West Baguio Central District and Baguio Central District 6
- b. North Quezon District and Quezon District 6
- c. Lucban District and Mabini District 6
- d. Baguio City National High School 6
- e. Philippine Science High School 1

Three brackets per level

Categories

Elementary (only levels II and III will advance to the regional contest)

Level I Grades I and II Counting Damath

Level II Grades III and IV Whole Number Damath

Level III Grades V and VI Positive Fraction Damath

Secondary

Grade seven Integer Damath

Grade eight Rational Damath

Grade nine Radical Damath

Grade ten Polynomial Damath

Note: Calculator is allowed.

3. MATHEMATICS INVESTIGATION PROJECTS (SECONDARY LEVEL ONLY)

Individual and Team (2 members)

Cluster 1 – Regular class

Cluster II – Science class

Top 3 to qualify for the regional contest

Deadline of submission at the division office – September 30, 2015

Note: Entry per group/cluster will submit only top 3 winners (3 copies each)

4. SUDOKU – Individual Contest and open to any grade level

Elementary Level – Participants are top three (3) winners in the District Level competition

Secondary Level – Participants are top three (3) winners in the group/cluster level competition

TEACHER CATEGORY – No limit as to number of entries (Due September 30, 2015)

5. ACTION RESEARCH – (Past three years – from SY 2012-2013 to Nov. 2014)

Elementary and Secondary (Division Level – one copy only)

FORMAT

- Certification/Approval Sheet of the proposal signed by either the School Head or Division Office

TITLE PAGE

I. Table of Contents

- a. Situation Introduction
- b. Problem Statement
- c. Statement of Hypothesis
- d. Significance of the Study
- e. Generation of Alternative Solutions

II. Plan of Action (Tabular)

- a. Objectives
- b. Time Frame
- c. Target Subjects
- d. Activities Undertaken

III. Evaluation Criteria

IV. Research Design/Methodology

V. Presentation and Interpretation of Results

VI. Conclusion and Recommendations

VII. Reflection

Bibliography

Appendices

Top 2 for both elementary and secondary to qualify for the regional contest (3 copies each)

6. STRATEGIC INTERVENTION MATERIALS (Past three years)

Division Level – one copy only

- With write up and approved by the School Head or Supervisor

Write up format:

Title

Proponent

Rationale – Indicate the least learned competency

Objectives

Prepared and submitted by

Note: Localized pictures and separate key answer per problem

Top 2 for both elementary and secondary to qualify for the regional contest (to be submitted in 3 copies)

Registration Fee of P100.00 shall be collected from each pupil/student and teacher participant to defray expenses for the contest materials, certificates, judges and other incidental expenses to be charged against, school canteen, PTA funds and other sources subject to the usual accounting and auditing rules and regulations.

Payment and submission of list of participants must be on or before September 30, 2015, c/o Mr. Francisco C. Copsiyan, EPS Math.



(Enclosure B to Division Memo 136 s. 2015

GUIDELINES ON THE 2015 DIVISION SCIENCE FESTIVAL

Venue : Baguio City National High School

1. QUIZ BEE

Grade/ Year level	Participants	Total Participants
Elementary Level (Grades 3 - 6)	Top five (5) winners in the District Level Competition (6 Districts)	120 pupils
Secondary Level (Grades 7- 10)	Top five (5) winners in the District Level Competition (4 Districts)	80 students
Phil. Science High School	One (1) participant per Year level	4 Students

Agreements with District Coordinators :

- Coverage for Science quiz will include First and Second Quarter topics.
- For Grades 3, 4, Grades 7 to 10, topics will be based on the K-12 Curriculum guide.
- For Grade 5 and 6, topics will be based on RBEC 2010 Curriculum guide.
Grade 5-Reproductive, Respiratory and Urinary Systems , Plants and Animals
Grade 6- Nervous and Circulatory systems (except Lymphatic and endocrine system),
Ecosystem
- All coaches are to prepare questions ; one per category : Easy (Multiple choice),
Average , Difficult and Clincher (Fill in the blanks / Identification).
All questions submitted will be deliberated upon but only ten (10) questions per category,
by draw lots will be read and answered by the contestants.

2. SCI-DAMA

Grade/ Year Level	Participants	Total Participants
Elementary Level (Grades 3 & 4) –Water patrol (Grade 5 & 6) – Power Patrol	Top three (3) winners in the District Level Competition per category (6 Districts)	36 pupils
Secondary Level (Grades 7- 10)	Top three (3) winners in the District Level Competition per grade level (4 Districts)	48 students
Phil. Science High School	One (1) participant per Year level	4 Students

Note: Bring your own board and chips

3. SCIENCE INVESTIGATORY PROJECTS

Grade/ Year Level	Participants	Total Participants
Elementary Level Only One Category (Individual and Team - with three members)	Top five (5) winners in the District Level (Individual and Team) (6 Districts)	Individual – 30 pupils Team – 90 pupils

Secondary Level Two Categories Physical Science (Individual and Team) Life Science (Individual and Team)	Top five (5) winners in the District Level Competition per category (Individual and Team) (4 Districts)	Physical (Individual)= 20 students Life (Individual)= 20 students Life (Team) = 60 students
Phil. Science High School	Top 1 winner per category in the school level competition. They will not join the Division Level Science Fair but will submit their write ups to the Division Office on or before September 30, 2015 for review by the Division Review Committee.	

- For Investigatory Projects
 1. No more cluster I and II
 2. No tarpaulins allowed; use illustration boards for display
 3. Team category with three members
 4. Use Intel forms and guidelines
 5. Write ups should be submitted on or before September 30, 2015.
- 4. **Strategic Intervention Materials (Past three years)**
 - Top Five Winners in the District Level Competition per grade level ; submit three copies
 - Write up format
 - a. Title
 - b. Proponent
 - c. Rationale –Indicate the least mastered competency
 - d. Objectives
 - e. Other parts of the SIM
 - f. Prepared and submitted by

Note: Please get criteria from your PSDS or EPS in Science

Working Committees :

Elementary:

Science Quiz - Lucban District
 SCI-DAMA- Mabini/ Baguio Central District
 SIP- North Quezon / Quezon District
 SIM- West Baguio District

Secondary

Quiz - West Baguio/Baguio Central District
 SCI-DAMA - Baguio City High School District
 SIP – North Quezon/ Quezon District
 SIM- Lucban / Mabini District

Program & Invitation – c/o Secretary-Jocelyn Amading

Certificates – Secondary Vice President –Victor Valdez

Judges - c/o EPS

Finance – Treasure / Auditor – Gertrudes Soliven / Cherry Madume

Physical Facilities – c/o Vice President & Baguio City High School

Medals – Business Managers

Registration Fee of P100.00 shall be collected from each pupil/student and teacher participant to defray expenses for the contest materials, certificates, judges and other incidental expenses to be charged against school canteen, PTA funds and other sources subject to the usual accounting and auditing rules and regulations.

Payment and submission of list of participants must be on or before September 30, 2015 , c/o Jacqueline Lampac, EPS Science.