



Republic of the Philippines
Department of Education
REGION III
SCHOOLS DIVISION OFFICE OF BATAAN

DIVISION MEMORANDUM

No. 460 s. 2025

OCT 15 2025

CONDUCT OF THE DIVISION SCIENCE AND TECHNOLOGY FAIR 2025

To: Chief Education Supervisors
Education Program Supervisors
Public Schools District Supervisors
Public and Private School Heads
All Others Concerned

1. The Schools Division Office of Bataan, through the Curriculum Implementation Division, will conduct the **Division Science and Technology Fair 2025** with the theme **"Harnessing the Unknown: Powering the Future Through Science and Innovation"** on the following dates and venues:

Date	Activity	Venue
October 22–23, 2025	Division Science Quiz Bee (Grades 3–12)	Vista Mall, Balanga City
November 7-8, 2025	Science Investigatory Project (SIP) Contest	SDO Bataan-BBB, Abucay, Bataan

2. This annual event aims to:

- promote scientific literacy among learners through engaging and competitive activities;
- encourage innovation and creativity in addressing real-world problems through investigatory research;
- provide opportunities for collaboration and healthy competition among learners from various grade levels and schools;
- identify and nurture potential student-researchers who will represent SDO Bataan in regional and national competitions; and
- strengthen school, community, and private sector partnerships in promoting STEM education.



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3. The activities include the following major components:
 - a) **Science Quiz Bee (Grades 3–12)** – Written examination aligned with the K–12 Science Curriculum; and
 - b) **Science Investigatory Project (SIP) Contest** – Oral presentation and defense in the categories of Life Science, Physical Science, Mathematics and Computational Science, and Robotics & Intelligent Machines.
4. All student-participants are advised to wear their **official school uniforms with IDs** while facilitators and coaches are encouraged to wear DepEd prescribed polo shirt/blouse.
5. To ensure the smooth conduct of activities, the following must be strictly observed:
 - a) **Time-on-Task:** Activities must not compromise instructional time and must comply with DepEd Order (DO) No. 012, s. 2025 (Multi-Year Implementing Guidelines on the School Calendar), DO No. 9, s. 2005 (Instituting Measures to Increase Engaged Time-on-Task), and DO No. 66, s. 2017 (Policy on Off-Campus Activities).
 - b) **No Collection Policy:** Consistent with Republic Act No. 5546 (Ganzon Law), DO No. 19, s. 2008, and DepEd Memorandum No. 041, s. 2024, no fees, tickets, or contributions shall be collected from learners, teachers, or parents in connection with RMSC-related activities.
 - c) **Safety and Security:** School heads and activity organizers must ensure learner safety, proper supervision, and compliance with outdoor safety protocols. Expenses related to the conduct of the activities may be charged to local funds, School Maintenance and Other Operating Expenses (MOOE), or other available funds, subject to the usual accounting and auditing rules and regulations.
6. Attached is the official list of facilitators, which will serve as the Travel Authority for the identified participants for reference.
7. Immediate and wide dissemination of this Memorandum is earnestly desired


CAROLINA S. VIOLETA, EdD, CESO V
Schools Division Superintendent

Encls.: as stated
References: None
To be indicated in the Perpetual Index
Under the following subjects:

SCIENCE COMPETITION COMPETITIONS RESEARCH



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LIST OF FACILITATORS - QUIZ BEE
October 22-23, 2025

Grade level	Facilitators		
	Leader	Members	
3	Eloisa T. San Juan	Rose Anne P. Pangilinan	Salvacion F. Dagdag
4	Mark Anthony T. Atienza	Belen R. Peregrino	Menandro S. Reyes
5	Alexander Salazar	Maricel M. Cantara	Erasto Erwin G. Agkis
6	Neri D. Mangalindan	Cristina Samaniego	Patricia Norice L. Canoy
7	Jhenie R. Agustin	Janeleen M. De Guzman	Alma F. Garcia
8	Kristine Joy Matilla	Argee G. Atuan	Narchelle R. Palustre
9	Christian N. Carizal	Maria Concepcion V. Macalinao	Evelyn D. Monta
10	Hilda T. De Vivar	Evangeline D. Tala	Mary Jane L. Aquino
11	Maria Ailene L. Libao	Josephine D. Avanceña	Emelina A. Guzon
12	Ana Liza V. Dominguez	Nelly Ann O. Sanchez	Reya G. Tinao



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LIST OF FACILITATORS - SCIENCE INVESTIGATORY PROJECTS
November 7-8, 2025

Category	Facilitators		
	Leader	Member	
Life Science - Individual	Leonard S. Malang	Rose Ann Ponce	Danlyn Mae P. Tubera
Life Science -Team	Ma. Linda V. Manzano	Deo Derro Ducot	Alberto R. Padilla Jr.
Physical Science - Individual	Leonardo M. Apales	Loreta Manabat	Patricia Norice L. Canoy
Physical Science - Team	Jane D. Robles	Marites P. Banzon	Belen R. Peregrino
Mathematics & Computational Science - Individual	Mary Ann M. De Mesa	Evelyn Perez	Jem T. Lumabas-Crisostomo
Mathematics & Computational Science - Team	Maria May S. Forio	Rosalyn C. Flores	Arny R. Paraiso
Robotics & Intelligent Machine - Individual	Maria Cecilia D. Flores	Robylene M. Hara	Gina B. Aducal
Robotics & Intelligent Machine - Team	Mary Ann A. Del Rosario	Amelia T. Marcaida	Angela Marie M. Diwa



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MECHANICS AND GUIDELINES

DIVISION SCIENCE QUIZ BEE AND SCIENCE INVESTIGATORY PROJECT (SIP) CONTEST

I. SCIENCE QUIZ BEE

A. Objectives

To promote learners' interest, enthusiasm, and appreciation of Science as a discipline.

To enhance critical thinking, problem-solving, and application of scientific knowledge and principles.

To recognize outstanding learners who demonstrate mastery and excellence in Science concepts.

B. Participants

Each district shall be represented by **three (3) participants per grade level** from **Grades 3 to 6**.

Junior and Senior High Schools shall each be represented by **one (1) participant per grade level**.

All **private schools**, both elementary and secondary, are encouraged to join and shall be represented by **one (1) participant per grade level**.

All participants must be **bona fide learners** officially enrolled for the current school year.

All participants are requested to bring 1/8 illustration board or folder and ballpen.

C. Board of Judges and Facilitators

Each grade level shall have a **Board of Judges** composed of **three (3) members**.

Contest facilitators shall be composed of designated teachers under the supervision of the **Education Program Supervisor in Science**.

D. Coverage

Quiz questions shall be based on the **K–12 Science Curriculum** for each grade level, emphasizing **understanding, application, and higher-order thinking skills (HOTS)**.

Areas include: Life Science, Physical Science, Earth and Space Science, Chemistry and Physics, Science, Technology, and Society



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E. Contest Format

Participants shall be provided with answer sheets and testing materials.

The written round shall last **one (1) hour and 30 minutes**.

Questions shall be categorized as follows:

Part I: Easy – 1 point each

Part II: Average – 2 points each

Scores from all levels will be combined to determine the **final ranking**.

In case of a tie, the score of average round will be used to determine the winner.

The **Top 10 contestants per grade level** will be declared winners.

F. Awards

Medals and Certificates will be awarded to the **Top 10 winners per grade level**.

All participants will receive **Certificates of Participation**.

Winners will be recognized during the official **Awarding Ceremony** of the Division Science and Technology Fair.

G. Conduct and Decorum

Participants must wear their **official school uniforms with IDs**.

Coaches and observers must maintain silence and decorum during the contest.

The **decisions of the Board of Judges** are **final and irrevocable**.

II. SCIENCE INVESTIGATORY PROJECT (SIP) CONTEST

A. Objectives

To develop learners' skills in scientific inquiry, research, experimentation, and innovation.

To inspire students to explore and provide solutions to real-world problems through Science and Technology.

To select outstanding research projects that will represent **SDO Bataan** in the **Regional Science and Technology Fair (RSTF)**.



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B. Categories

Life Science – Individual and Team

Physical Science – Individual and Team

Mathematics and Computational Science – Individual and Team

Robotics and Intelligent Machines – Individual and Team

C. Participants

Each school may submit **one (1) or more entries**, provided that all entries have passed the **school or district level screening**.

Each team entry shall be composed of a **maximum of three (3) student-researchers** and **one (1) coach/adviser**.

Participants must be officially enrolled learners for the current school year.

D. Project Requirements

Projects must follow the **Scientific Method** or the **Engineering Design Process**.

Each research entry must include a **Research Paper** in the attached **prescribed format**, both **printed and digital copies**.

All participants must submit (3) three copies of the manuscript during the SIP presentation and oral defense.

Participants must prepare for a **5-minute oral presentation** followed by a **10-minute Question and Answer (Q&A)** with the judges.

E. Judging Criteria

Criteria	Percentage
Scientific Thought / Engineering Design	30%
Creativity and Innovation	20%
Methodology and Data Analysis	20%
Presentation and Oral Defense	15%
Potential Contribution / Relevance	15%



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Criteria	Percentage
Total	100%

F. Presentation Mechanics

Each entry shall be assigned a **presentation room** and corresponding schedule.

Student-researchers must be ready to present and defend their study before the Board of Judges.

Judges will evaluate the **research paper** and **oral presentation**.

Only the **student-researchers** are allowed to present and defend; **coaches/advisers are not permitted to intervene** during the defense.

G. Awards

Certificates and Medals will be given to the **Top 5 winners per category** (Individual and Team).

Outstanding entries will be **endorsed to the Regional Science and Technology Fair (RSTF)**.

H. General Rules

Plagiarism, data falsification, or fabrication is strictly prohibited.

The use of **hazardous, explosive, or biohazard materials** is not allowed.

Participants must follow **ethical research standards** and **safety protocols**.

The **decisions of the Board of Judges** are final and not subject to appeal.

III. GENERAL PROVISIONS

All participants, facilitators, and coaches must **arrive at least 30 minutes before** the start of the activity.

Schools are encouraged to provide **logistical and moral support** to their participants.

The organizing committee reserves the right to **adjust the schedule or mechanics** whenever necessary to ensure fairness and efficiency.



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Science Investigatory Projects Research Format

Title
Form 1,1A,1B (NSTF)
Research Plan
Approval Form (NSTF)
ISEF Abstract
Qualified Scientist Form

Research Paper
Title Page
Table of Contents
Abstract

Introduction
Background of the Study
Statement of the Problem
Hypothesis
Objective of the Study
Significance of the Study
Scope and Delimitations

Theoretical Framework
Relevant Theories
Relevant Literature
Related Studies
Conceptual Framework
Conceptual Paradigm

Methodology
Materials
Procedures
Experimental Design
Ethical Considerations

Results and Discussions
Data Analysis and Statistical Interpretation

Conclusion
Recommendations
References
Appendices

Project Evaluation Form
Project Logbook