



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

03 Sept 2026

DIVISION MEMORANDUM

No. 343, s. 2026

To: Division Superintendent
Chief Education Supervisors
Public Schools District Supervisors
Elementary, Secondary, Integrated and Senior High School Heads
All Others Concerned

2026 DIVISION SCIENCE, TECHNOLOGY FAIR (DSTF)

1. This is to announce the conduct of the 2025 Division Science and Technology Fair with the theme **“Next-Gen STEM: Innovating for a Sustainable and Smart Tomorrow”** on September 09, 2026, at 8:00 am STEM Center, Dr. Clemente N. Dayrit Elementary School Compound, Angeles City.
2. The activity aims to:
 - a. Foster a strong awareness and appreciation for science and technology among students by engaging them in hands-on learning experiences.
 - b. Enhance learners' practical skills in utilizing scientific equipment and devices, while also cultivating critical science process skills such as observation, experimentation, and analysis.
 - c. Recognize and celebrate the most creative, innovative, and outstanding student researchers, selecting those who will represent the Division in the upcoming Regional Science and Technology Fair (RSTF).
3. This year's DSTF features two (2) major activities for both Elementary and Secondary learners, namely:
 - a.) Science Mind Challenge
 - b.) Science-In-Action
4. Enclosures are the following:
Enclosure No. 1- Activity Matrix & Technical Working Committee
Enclosure No. 2- Science Mind Challenge Guidelines/Mechanics
Enclosure No. 3- Science-In-Action Guidelines/Mechanics
5. The time and venues of the activities

No.	Contest Category	Time	Venue
1	Science Mind Challenge	9:00-12:00 PM	SSES Building, Room 1-6
2	Science- In -Action	1:00- 4:00 PM	STEM Center Laboratory and School Grounds



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6. The distribution and the maximum number of official participants are the following:

Science Mind Challenge		Science-in-Action		Robotics	
Grade Level	No. Of Participants per school	Level	No. of participants per team	Level	No. of participants per team
3	1	Grades 3-6	4	Elementary	5
4	1				
5	1				
6	1	Grades 7-10	4	Secondary	5
7	1				
8	1				
9	1				
10	1				
11	1	Grades 11-12	2		
12	1				

7. The food, transportation, and other incidental expenses of the official participants shall be charged against the School Local Funds subject to the usual accounting and auditing rules and regulations.

8. Secondary school heads are requested to inform their Science Department Heads or Science leaders and STE Program Coordinators of the Online Orientation Meeting on September 4, 2026, at 9:00 am at meet.google.com/btk-ahdj-mow.

9. The School Science Coordinators are requested to accomplish the Registration Form at the given link before **September 7, 2026**. Immediate and wide dissemination of this Memorandum is earnestly desired.

Digitally signed by
Edgard C.
Domingo
Date: 2026.09.03
13:44:52 +08'00'

ENGR. EDGARD C. DOMINGO PhD, CESO V
Schools Division Superintendent 

Encl: As stated

References: Advisory from BCD, s. 2025

School, Division, Regional, and National Science and Technology Fair Guidebook (unpublished)

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

CONTEST
SCIENCE
LEARNERS
SCIENCE AND TECHNOLOGY FAIRS
CID-EPSVR/GAE/October 30, 202



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Enclosure No. 1 to Division Memorandum No. 343, s. 2026

DSTF 2026 Program Matrix and Technical Working Group

Time	Activity	Persons Involved	Venue/ Platform
7:00- 8:30 am	Registration	Technical Working Group	Covered court
8:30- 9:00 am	Opening Program	Technical Working Group	Covered court
9:00 – 12:00 pm	Science Mind Challenge	EPS and Contest Admin., group participants	SSES Rooms
12:00 pm-1:00 pm	Lunch Break	Lunch Break	Lunch Break
1:00 pm - 4:00 pm	Science-In-Action	Contest Administrators	STEM Center
	Robotic Games	Judges/Panel	STEM Center
4:00 pm - 5:00 pm	Awarding of Winners	Technical Working Group	STEM Center

DSTF 2025 Technical Working Committee

A. Science Mind Challenge Facilitators / Judges (9:00 AM- 12:00 PM)

Grade Level	Time of Contest	Elementary	Grade Level	Secondary
3	9:00 am-10:30 am	1. Arnel C. Perez 2. Perlita L. Dungca 3. Juliet R. Santos	7	Michael Lugtu Angelo Cortes Lorna D. Lacsina
4	10:30 am-12:00 pm		8	
5	9:00 am -10:30 pm	4. Larissa Manalili 5. Editha S. Hipolito 6. Jenny Tongol	9	Arnie Guevarra Eric De Dios Jasmin Hernandez
6	10:30 am-12:00 pm		10	
			11/12	Lorie L. Macatula Elsie M. Paras Zenaida Calma
Overall in Charge:		Rina Lyn T. Reyes		

B. Science -In-Action Facilitator/Judges (1:00 PM- 5:00 PM)

Stations	Elementary	Junior High School	Senior High School
1	Arnel C. Perez	Michael Lugtu	Lolita G. Bautista
2	Perlita Dungca	Angelo Cortes	Raquel Yumul
3	Larissa M. Manalili	Arnie Guevarra	Romina Quilla
4	Rosana Torres	Eric De Dios	Zenaida Calma
5	Jenny Tongol	Lorna D. Lacsina	Lorie Macatula
6	Juliet Santos	Jasmin Hernandez	Elsie M. Paras
Tabulator	Editha M. Hipolito	Ronald Coricor	Rosana Torres



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Enclosure No. 2 to Division Memorandum No. 343, s. 2026

A. Science Mind Challenge Guidelines/Mechanics

Science Mind Challenge	is an annual inter-grade, quiz-bee-like competition for students.																						
Objectives	The activity aims to foster a deeper interest in science, promote critical thinking, and evaluate students' mastery of science concepts aligned with the standard learning competencies. • Encourage mastery of science competencies across grade levels. • Challenge students to apply scientific principles to real-world scenarios. • Provide a platform for young minds to showcase their academic talents in a healthy, competitive environment.																						
Participants	One (1) student per grade level (Grades 3-12)																						
Competition Mechanics	The competition is structured into progressive rounds of increasing difficulty. <table><tr><th>Round</th><th>Type</th><th>Description</th><th>Scoring</th></tr><tr><td>Round 1</td><td>Easy</td><td>Multiple-choice questions testing basic recall and fundamental definitions.</td><td>1 point per correct answer</td></tr><tr><td>Round 2</td><td>Average</td><td>Conceptual and analytical questions requiring application of principles.</td><td>2points per correct answer</td></tr><tr><td>Round 3</td><td>Difficult</td><td>Problem-solving, data analysis, and advanced scenario-based questions.</td><td>3points per correct answer</td></tr><tr><td>Round 4</td><td>Clincher (<i>Tie-breaker</i>)</td><td>Rapid-fire buzzer round used only if there are ties for top spots.</td><td>1 point per correct answer</td></tr></table>			Round	Type	Description	Scoring	Round 1	Easy	Multiple-choice questions testing basic recall and fundamental definitions.	1 point per correct answer	Round 2	Average	Conceptual and analytical questions requiring application of principles.	2points per correct answer	Round 3	Difficult	Problem-solving, data analysis, and advanced scenario-based questions.	3points per correct answer	Round 4	Clincher (<i>Tie-breaker</i>)	Rapid-fire buzzer round used only if there are ties for top spots.	1 point per correct answer
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				(first to lock in)
	Time Limits: Easy: 10–15 seconds per item. Average: 20–30 seconds per item. Difficult: 45–60 seconds per item.			
Scope of Contents/Learning Competencies	Elementary	Junior High School	Senior High School	
	Term 1 Learning Competencies	Term 1 Learning Competencies	General Science-Term 1 Learning Competencies	
Rules and Regulations	1. Conduct of Participants: - Participants must be seated in their designated areas at least 15 minutes before the start of the event. - Communication or sharing of answers among contestants is strictly prohibited and will result in immediate disqualification. 2. Materials: - Contestants will be provided with scratch paper and writing instruments (or specialized quiz platforms/whiteboards). All personal notes or electronic devices are banned. 3. Protests and Appeals: - Any clarification, protest, or contest regarding an answer must be raised immediately after the question is read or before the next question is flashed. - The decision of the Board of Judges is final and irrevocable.			
Awards and Recognition	Top Honors: First, Second, Third, Fourth, and Fifth Place winners will be awarded medals and certificates of recognition per grade level. Certificates of Participation: All contestants and their respective coaches will receive certificates of participation.			



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Enclosure No. 3 to Division Memorandum No. 343, s. 2026

B. Science In Action Contest Guidelines/Mechanics

Science-In-Action	is a performance-based, practical assessment activity designed to evaluate learners' scientific process skills, laboratory proficiency, and ability to address localized environmental challenges. Unlike traditional quiz bees that focus on recall, this activity emphasizes hands-on application, direct manipulation of apparatus, and inquiry-based problem-solving aligned with the Revised K to 12 Curriculum Budget of Work.		
Objectives	1. Measure learners' competencies in observing, measuring, hypothesizing, experimenting, and concluding. 2. Test the correct and safe handling of common science tools and instruments. 3. Challenge students to formulate well-reasoned, science-based proposals addressing real-world environmental issues		
Team Composition	Elementary	Junior High School	Senior High School
	Grade 3-6	Grades 7-10	Grades 11-12
	Team Structure: Competed in teams of 4 members per school to foster collaborative scientific inquiry. Role of Coaches: Each team must have one faculty coach responsible for registration and ensuring safety briefing compliance, but coaches are strictly prohibited from assisting during active problem-solving or proposal-writing phases		
Competition Format and Challenges	• Description: Teams rotate through timed stations to execute specific technical tasks or identify/utilize standard laboratory apparatus. • Tasks May Include: Stations 1-5 (Familiarization and utilization of Laboratory Apparatus) • Tasks: ○ Measuring volume accurately using graduated cylinders and pipettes. ○ Setting up a simple filtration apparatus or alcohol lamp safely. ○ Using a microscope to focus on a prepared slide and drawing/labeling observations. ○ Reading measurements from spring balances, thermometers, or electrical multimeters. • Duration: 5–7 minutes per station.		



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	<table><tr><th>Category</th><th>Stations</th><th>No. of points/ station</th><th>Total points</th></tr><tr><td>Easy</td><td>1,2,3</td><td>10 points</td><td>30</td></tr><tr><td>Average</td><td>4,5</td><td>20 points</td><td>40</td></tr><tr><td>Difficult</td><td>6</td><td>30 points</td><td>30</td></tr><tr><td>Total</td><td></td><td></td><td>100</td></tr></table>	Category	Stations	No. of points/ station	Total points	Easy	1,2,3	10 points	30	Average	4,5	20 points	40	Difficult	6	30 points	30	Total			100
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Total			100																		
	Station 6: Environmental Problem-Solving Investigation Proposal (For Elementary , No Required format, Just write the solutions only) and for the Secondary, use the proposal components requirement below) • Description: Teams are given an on-the-spot environmental scenario or problem based on curriculum competencies (e.g., waste management, water pollution, soil erosion, or energy conservation). Instead of building physical prototypes, teams are tasked with formulating a concise, structured scientific proposal addressing the issue. • Proposal Components Required: 1. Statement of the Problem: Brief identification of the local environmental issue based on the prompt. 2. Scientific Basis / Objective: The underlying scientific principles (e.g., chemical filtration, biological decomposition, or ecosystem balance) and the goals of the intervention. 3. Proposed Methodology / Action Plan: Step-by-step procedures, required materials/apparatus, and implementation strategy. 4. Expected Impact & Evaluation: How success will be measured and the projected environmental benefit. • Duration: 50 mins for brainstorming, data evaluation, and writing the final proposal on provided official sheets.																				
Criteria for Judging	Performances and written outputs will be evaluated by a panel of judges based on the following criteria: <table><tr><td>Scientific Accuracy & Process Skills/Solutions</td><td>Correct execution of methods</td><td>40%</td></tr><tr><td>Proper Instrument/Apparatus Handling/Plan of Action/Methodology</td><td>Precision, adherence to laboratory safety protocols, and proper technique at the lab stations.</td><td>30%</td></tr></table>	Scientific Accuracy & Process Skills/Solutions	Correct execution of methods	40%	Proper Instrument/Apparatus Handling/Plan of Action/Methodology	Precision, adherence to laboratory safety protocols, and proper technique at the lab stations.	30%														
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	Teamwork and Documentation	Collaborative coordination in performing the Tasks and in answering the Questions	30%
	Total		100%
Standard Materials and Setup	• Provided by Organizers: ○ Common laboratory glassware and basic instruments (beakers, flasks, test tubes, rulers, balances, droppers) for reference or data verification during the proposal phase. ○ Official paper/templates for drafting the environmental proposal. ○ Writing instruments and reference charts (e.g., periodic tables or formula sheets if applicable). • Prohibited Items: Personal electronic devices, pre-written templates, notes, or outside research materials.		
Rules and Regulations	1. Safety First Policy: ○ Proper laboratory attire (closed-toe shoes, school-prescribed lab gowns if required) must be worn during the laboratory station rotation. ○ Any unsafe behavior results in an immediate point deduction or disqualification. 2. Time Management: ○ Teams must complete their station rotations and finalize their written proposals strictly within the allotted time. ○ Timers will be visible to all contestants. 3. Integrity and Collaboration: Discussions must be kept internal to the team. Sharing ideas, text, or data between competing teams is grounds for disqualification.		
Scoring and Awards	Scoring System Implementation • Digital real-time scoring through station verification • Individual judge scoring followed by panel consensus • Final verification by Head Judge and Technical Committee		
Award Categories	Main Awards: ○ Overall Champion (Medals + Certificates) ○ First Runner-up (Medals + Certificates) ○ Second Runner-up (Medals + Certificates) ○ Third Runner-up (Certificates) ○ Fourth Runner-up (Certificates)		