



### Department of Education

## SOCCSKSARGEN REGION SCHOOLS DIVISION OF SARANGANI

11 Sep 2025

#### **DIVISION MEMORANDUM**

No. **142** , s. 2025

#### DIVISION SCIENCE AND TECHNOLOGY FAIR 2025

To: Assistant Schools Division Superintendent

Chief Education Supervisors

Public Schools District Supervisors

Public Secondary and Elementary School Heads

- 1. DepEd recognizes the vital role of the Science and Technology Fair in fostering essential research skills among students, including critical thinking, problem-solving, innovation, and creativity. These competencies are essential for academic success and provide valuable preparation for future educational and career endeavors.
- 2. In line with this, the Division Science and Technology Fair 2025 will be held with the theme: "Harnessing the Unknown: Powering the Future through Science and Innovation." Through the Curriculum Implementation Division, this office informs all schools within the Division of Sarangani of their expected participation in the said activity, scheduled on October 17, 2025, at Malungon National High School, Malungon, Sarangani Province
- 3. The events with categories to be competed in are as follows:

A. Tuklas Event	Individual	No.of	Team	No.of
(for Key Stage 3 & 4)		Coach		Coach
1.Life Science	1	1	3	1
2.Physical Science	1	1	3	1
3.Mathematics and	1	1	3	1
Computational Science				
4.Robotics and Intelligent				
Machine	1	1	3	1
5. National Science Innovation	1	1	3	1
Expo				
Total	5	5	15	5
B. Other Science				
Activities				
(for Key Stage 2,3, & 4)				
1.Science Spelling Bee	1 participant per district			
2.Science Quiz Bee	1 participant per district			
3.Poster Making Contes (KS2)	ster Making Contes (KS2) 1 participant per district			
4.Video Editing (KS3 & 4)	1 participan	t per distri	ict	·







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### Department of Education

## SOCCSKSARGEN REGION SCHOOLS DIVISION OF SARANGANI

- 4. Attached is the guidelines and mechanics of the different events to be contested, as well as the references and the Division Technical Working Group.
- 5. The food allowance, travel expenses, materials of the participants and DTWG, and other incidental expenses shall be charged against the local funds, PTA funds, or school MOOE, subject to applicable accounting and auditing rules and regulations.
- 6. The billeting quarters for those far-flung schools that will come a day before the conduct of the DSTF 2025 will be at Malungon Central Elementary School SPED Center.
- 7. For inquiries, contact Ms. Marlou M. De Arce at 09186185458.
- 8. Immediate dissemination of this memorandum is desired.

RUTH L. ESTACIO PhD, CESO V

Schools Division Superintendent

Encl.: As stated Reference: N o n e

To be indicated in the <u>Perpetual Index</u> under the following subjects:

**PROGRAMS** 

Judith B. Alba/CID/DM – division science and technology fair 2025 0853/September  $11,\,2025$ 









### Department of Education

## SOCCSKSARGEN REGION SCHOOLS DIVISION OF SARANGANI

Enclosure to Division Memorandum CID-2025-142

A. Tuklas or Science Investigatory Projects:

Guidelines and Mechanics, and forms for the 2025 DSTF can be accessed through **DepEd Order No. 16, s. 2025, Guidelines on the National Science and Technology Fair 2024-2025** and through <a href="https://sspcdn.blob.core.windows.net/files/Documents/SEP/ISEF/2026/Rules/Book.pdf">https://sspcdn.blob.core.windows.net/files/Documents/SEP/ISEF/2026/Rules/Book.pdf</a> and for the changes in forms <a href="https://sspcdn.blob.core.windows.net/files/Documents/SEP/ISEF/2026/Forms/All.pdf">https://sspcdn.blob.core.windows.net/files/Documents/SEP/ISEF/2026/Forms/All.pdf</a>

B. Other Science Activities:

#### SCIENCE SPELLING BEE (Individual/written)

Key stages 2,3, & 4

#### Participant's Eligibility:

- 1. All bona fide Grade 4, 5 and 6 elementary school pupils from the 23 districts of this division are invited to join the contest. (key stage 2)
- 2. All bona fide Grade 7-10 students from the 37 secondary schools and Integrated Schools of this division are invited to join the contest. (Key stage 3)
- 3. All bona fide Grade 11 & 12 students from the secondary schools and Integrated Schools of this division are invited to join the contest. (Key stage 4)
- 4. Only 1 participant per key stage per district is the entry for this event.

#### Objective:

To enhance scientific vocabulary, reinforce correct spelling, and foster interest in science among Key Stage 2 to 4 learners.

#### **Word Lists:**

- 1. The items include 10 easy, 10 average and 10 difficult words aligned to the learning competencies of keys stage 2-4.
- 2. The words will be science-related, appropriate to the KS2-4 curriculum.

#### **GUIDELINES AND MECHANICS:**

1. In each stage of the participants, there will be 23 learners only. Meaning 1 contestant per district.







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### Department of Education

# SOCCSKSARGEN REGION SCHOOLS DIVISION OF SARANGANI

- 2. The answers will be written on the printed materials provided. Answers must be written CLEARLY and LEGIBLY. Unclear, ambiguous and incomplete answers are considered wrong.
- 3. Each word will be read twice. The Quizmaster will say the **word**, use it in a **science-related sentence**, and repeat the **word**. Contestants may begin answering even while the word is still being read.
- 4. The timer starts after the word is read twice.
- 5. Time limit: **15 seconds** to start spelling after the word is given. (Can be extended to 30 seconds for difficult words)
- 6. Repeat mechanics number 3 until all the words in the list are spelled.
- 7. The judges/facilitator/timekeeper and quizmaster will collect the answer sheets or printed materials provided from the contestants for the checking and ranking.

#### Judging Panel:

\*Typically includes 1 quizmaster, 1 timekeeper, and 1–2 judges.

#### Venue Setup:

\*Classroom assigned for Science Spelling Bee contest (Key stage 2, 3, & 4).

#### **SCORING:**

- **Correct spelling** = 1 point for easy words, 2 points for average, 3 points for difficult words and 5 points for the clincher/tiebreaker word.
- Incorrect spelling = does not earn a point
- In case of a tie, the contenders will be asked tie-breaker word in a suddendeath round.

#### TIEBREAKER RULES:

#### If there's a tie:

- Conduct a **sudden-death round** with progressively harder words for 10 seconds time limit.
- Continue until one participant spells correctly while the other participants misspelled.

#### WINNING CRITERIA:

- The participant who got the highest score wins the contest.
- **Award**: 1st, 2nd, and 3rd placers can be awarded.

#### SCIENCE QUIZ BEE (Individual/written)

Key stages 2,3, & 4







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#### Participant's Eligibility:

- 1. All bona fide Grade 4, 5 and 6 elementary school pupils from the 23 districts of this division are invited to join the contest (key stage 2)
- 2. All bona fide Grade 7-10 students from the 37 secondary schools and Integrated Schools of this division are invited to join the contest (Key stage 3).
- 3. All bona fide Grade 11 & 12 students from the secondary schools and Integrated Schools of this division are invited to join the contest (Key stage 4).
- 4. Only 1 participant per key stage per district is the entry for this event.

#### Objective:

To enhance scientific knowledge and critical thinking, promote academic excellence through healthy competition, and increase interest and engagement in science for all participants, fostering confidence and a lifelong love of learning.

#### Guidelines for Science Quiz Bee- Individual/Written (Key Stage 2,3, & 4)

- 1. **Coverage of Content:** All quiz items are aligned with the Learning competencies of each key stage.
- 2. **Question Types:** The type of questions can be Multiple Choice, identification, True or False, Matching type, short answer, and Problem solving (for higher-order thinking skill).
  - Grade 4–6: focus more on recall, basic concepts, and simple application.
  - o Grade 7–12: include analysis, problem-solving, experimental design, and critical thinking.

#### 3. Number of Items and Time Allotment:

Key Stage	Number of Items	Time Allotment
KS2 (Grades 4–6):	40 items	45 minutes
KS3 (Grades 7–10):	50 items	50 minutes
KS4 (Grades 11–12):	50 items	60 minutes

4. **Clarity:** The given instruction is simple and direct. It is age-appropriate and tricky questions are avoided.





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### Department of Education

# SOCCSKSARGEN REGION SCHOOLS DIVISION OF SARANGANI

- 5. **Scoring:** \* Correct answer = 1 point for easy questions, 2 points for average, 3 points for difficult questions and 5 points for the clincher/tiebreaker questions.
  - \* Incorrect answer = does not earn a point.
  - \* In higher-order questions included (essay/problem-solving), a rubric will be used.
  - \*In case of a tie, the contenders are asked to answer tie-breaker question in a sudden-death round.

#### Mechanics of the Science Quiz Bee (Individual/Written) for all stages:

#### 1. Preparation:

- a. The proctors arrange the contestants based on the registration form.
- b. He/She ensures that the contestants have only the required material-ballpen.

#### 2. Distribution:

- a. The proctor distributes copies of the quiz (printed material) to the contestants.
- b. The proctor reminds them to write their name, grade, and date.

#### 3. Instructions

- a. The quizmaster reads the general instructions aloud before starting.
- b. The quizmaster explains the point system (e.g., "Each correct answer equals 1 point" for the easy questions, 2 points for the average questions and 3 points for the difficult questions).
  - c. She or He sets the time limit clearly and encourages questions from the learners.
  - d. If all participants are ready, the timekeeper rings the bell for the start of the quiz.
  - 4. **Conduct:** a. During the duration of the quiz bee, silence and orderliness must be observed.
    - b. Strictly prohibit cheating, sharing answers, or unnecessary communication.
    - c. Quizmaster and proctor monitor actively the activity.
  - **Submission:** When the bell signals the end of the allotted time, contestants must immediately stop writing and submit their test materials. No extension is allowed.







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### Department of Education

# SOCCSKSARGEN REGION SCHOOLS DIVISION OF SARANGANI

#### Checking & Feedback:

a.The Judges, proctor and timekeeper check the quiz materials based on answer

key/rubric.

- b. They rank the results based on the authentic outputs.
- c.The participant who got the highest score wins the contest.
- Decision: Judges' decisions are final and irrevocable. Once the judges
  made the decision, no other questions will be entertained.

#### POSTER MAKING CONTEST (Key stage 2)

For: Grades 4-6

#### Objective:

To encourage young learners to express their thoughts and creativity through visual art, while promoting awareness and understanding of the chosen theme.

#### **GENERAL GUIDELINES**

- 1. Participants' Eligibility:
  - a. All bona fide Grade 4, 5 and 6 elementary school pupils from the 23 districts of this division are invited to join the contest (key stage).
    - b. Entries are individual category only. Each participant per key stage per district may submit only **one entry.**
- 2. Theme: "Harnessing the Unknown: Powering the Future Through Science and Innovation"
  - \*All posters must illustrate the assigned theme clearly.
  - \*Interpretation of the theme should be **age-appropriate** and **educational**.
- 3. Poster Size & Orientation:
  - a. Use **A3 size** (29.7 cm  $\times$  42.0 cm) or  $\frac{1}{4}$  illustration board (care off to the contestants).
  - b. Orientation: Portrait or landscape (student's choice)
- 4. **Medium:** Any **traditional art materials** are allowed: crayons, colored pencils, markers, watercolor, oil pastels, etc. (these materials are owned by the contestants)
- 5. Purely hand- drawn only. No digital art or printed images.







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### Department of Education

## SOCCSKSARGEN REGION SCHOOLS DIVISION OF SARANGANI

6. **Labeling:** At the back of the poster, include Full name of the student, Grade level and section, School name, title of the artwork.

#### ✓ CONTEST MECHANICS

- 1. The contest is **On-the-spot** (with time-limit of up to 2 hours). As soon as the participants and all the materials are ready, the timekeeper rings the bell to start the activity.
- 2. **Materials:** a.) All materials must be brought by the participants.
  - b.) The poster must be the **original work** of the learners.
- 3. **Submission:** When the bell signals the end of the allotted time, contestants must immediately stop the drawing and submit their poster outputs to the facilitators. No extension is allowed. Late entries will **not** be accepted.
- 4. **Decision:** Judges' decisions are final and irrevocable. Once the judges make the decision, no other questions will be entertained.

#### **6** JUDGING CRITERIA

Criteria	Description	Points
Relevance to Theme	How clearly the poster represents and communicates the theme	30 pts
Creativity & Originality	Unique approach, imaginative expression, and innovation	25 pts
Artistic Quality	Use of color, composition, neatness, and overall visual impact	25 pts
Message Clarity	Is the message understandable and meaningful?	20 pts
TOTAL		100 pts

### O DISQUALIFICATION RULES

A participant will be disqualified if:

- The work is not original or has copied/traced elements.
- The poster contains offensive, plagiarized, or inappropriate content.
- The format and size guidelines are not followed.







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# SOCCSKSARGEN REGION SCHOOLS DIVISION OF SARANGANI

• The student receives **unfair assistance** from others.

#### SUGGESTED AWARDS: First, Second and Third (medals)

\* All participants may receive **certificates** of participation

#### **VIDEO EDITING CONTEST**

For: Grades 7-12

#### **Objective:**

To showcase students' creativity, storytelling, and technical skills in video editing through the creation of short, meaningful videos.

#### **GENERAL GUIDELINES:**

- 7. **Participant's Eligibility:** All bona fide Grade 7- 12 students from the secondary schools and Integrated Schools of this division are invited to join the contest (Key stages 3 & 4). Each participant per key stage per district may submit only **one entry.**
- 8. Theme/Topic: "Harnessing the Unknown: Powering the Future Through Science and Innovation"

\*All videos must revolve around the assigned theme.

\*Creativity in interpreting the theme is encouraged.

#### 9. Video Format:

- 1. Length: 1 to 3 minutes (including intro and credits).
- 2. Format: MP4 or MOV.
- 3. Resolution: At least 720p (HD) preferred.
- 4. Orientation: Landscape (horizontal).

#### 10. Editing Tools:

- a. Any video editing software is allowed (e.g., CapCut, iMovie, Adobe Premiere, DaVinci Resolve, Filmora, etc.).
- b. AI-generated or fully AI-edited videos are **not** allowed; human editing must be evident.

#### 11. Submission:

- a. Videos must be submitted via Google Drive, Dropbox, USB, or another agreed method.
- b. Deadline: (October 17, 2025 @ 12:00 nn)
- c. Late submissions will not be accepted.







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#### 12. Originality & Copyright:

- a. All content (footage, music, images, sound effects) must be original OR properly credited with proof of permission or royalty-free license.
- b. Plagiarized or downloaded videos will lead to disqualification.

#### **©** JUDGING CRITERIA

Criteria	Description	Points
Creativity & Originality	Freshness of concept, uniqueness of interpretation	25 pts
Relevance to Theme	How well the video aligns with the given theme	20 pts
Editing Skills	Transitions, cuts, pacing, use of effects, consistency	20 pts
Technical Quality	Clarity of visuals/audio, appropriate use of music, subtitles if needed	15 pts
Storytelling & Engagement	Emotional or narrative impact, flow of the video	20 pts
TOTAL		100 pts

#### **MECHANICS**

Pre-Contest Briefing: a. Orientation on rules, theme, and judging criteria.
 b. Tips and do's/don'ts of video production and editing.

#### 2. Video Creation Period:

- a. Contestants are given **3 hours** to create their videos using Samsung or iPhone.
- b. They may use footage they filmed themselves, animation, or royalty-free content with proper credit.

#### 3. Submission Phase:

- a. All entries must be submitted **15 minutes** before the deadline.
- b. Each video should be accompanied by: Title, Individual Name, Short description (2–3 sentences) and Software used.







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## Department of Education

# SOCCSKSARGEN REGION SCHOOLS DIVISION OF SARANGANI

#### 4. Screening & Judging:

- a. Judges watch all entries and give scores based on the criteria.
- b. A public screening can be held (optional).
- 5. **Decision:** Judges' decisions are final and irrevocable. Once the judges make the decision, no other questions will be entertained.
- 6. Announcement of Winners:
  - a. Medals and certificates awarded to 1st place, 2nd place and 3rd place winners.

#### **O** DISQUALIFICATION RULES

- Use of copyrighted materials without permission.
- Late submissions.
- Inappropriate content (violence, profanity, political content, etc.).
- Not following theme or time limits







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## Department of Education

SOCCSKSARGEN REGION SCHOOLS DIVISION OF SARANGANI

Enclosure No. 2 of the Division Memorandum CID-2025-

#### LIST OF THE MEMBERS OF THE DIVISION TECHNICAL WORKING GROUP FOR THE 2025 DSTF

Date: October 17, 2025

Venue: Malungon National High school

DTWG	Person/Group Assigned
Overall Management	Lead: Ruth L. Estacio, PhD, CESO V
_	Co-lead: Atty. Nelyn B. Frinal, CESE
	Member: Donna S. Panes, PhD.
	Maria Shirley M. Cardinal
Program Management	Lead: Marlou M. De Arce, EPS
Secretariat	Lead: Fernie Cabanalan
	Co-Lead: Suzzette C. Rodis
	1. Sarah Baliguat
	2. Jeni Ann Fiang
Venue and Hall	Lead: Noli Cabaylo
Preparation	Co-lead: Edgar Tagoon
_	1. Melinda Cartojano
	2. Quiarah Jeneca Cartojano
	3. Kemberlyn Boclaras
	4. Mark Anthony Vista
Food	Lead: Melinda Cartojano
	Co-lead: Neil Estanda
	1. Marie Joy Cruda
	2. Genevieve Estanda
	3. Mary Ann Bejona
Certificates, Medals,	Lead: Jaypee Caputolan
Tokens, Program	Co-lead: Haidee Samontina
, 6	1. Vanessa Ycot
	2. Roselyn Guilley
	3. Milcah Bulfa
Accommodation, Peace	Lead: Neil Estanda/Carlos Mendoza
and Security	Co-Lead: Joel Panerio
J	1. Bernard Remolleno
	2. Bryan Momo
Tabulators and Judges,	Lead: Marivic Lomocso
SRC	Co-lead: Lynn Marie S. Infante
	1. Harold C. Payunan
	2. Roselyn Gonzaga
	3. John Mark Manopo
QAME	TBA from QAD (1)
Medical Team	Lead: Estylinda Tudayan
	Member:
	1. Suzette Suficiencia - Bairoy
	<u> </u>







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	2. Arnold Pagaduan
	3. Victor Rey Gella
Scientific Review	1. Sheila Butil
Committee	2. Cristine Gay Tolentino
	3. Tito B. Cagang
Preparation of Materials	Lead: Fernie Cabanalan
Scoresheets, Tally sheets,	Co-Lead: Suzzette C. Rodis
Paper Strips, Scratch	1. Sarah Baliguat
Papers, Bell, Timer,	2. Jeni Ann Fiang
Registration Form, Coding	_
of Learners	

FACII	LITATORS PER EVENT (Tuklas 2025)
Individual Category	Facilitators
Life Science	Carmela Lumantas
	Marell Naungayan
	Leila Gersava
Physical Science	Elmarie Suico
	Jubiara Villaro
	Khristy Ann Cabidog
Robotics and Intelligent	Jeffry Paglinawan
Machines	Gene Dacayo
	Ailyn Grace Diez
Mathematics and	Charlie Ayonon
Computational Science	Live Angga
	Ruel Cervantes
National Science	April Love Entia
Innovation Expo	Jenelyn Numbre
	Angelica Poton
Team Category	Facilitators
Life Science	Rolicel Tribunalo
	Rosevel Madriaga
	Jemina Espedillon
Physical Science	Phoebe Ruiz
	Irish Beth Tambu - on
	Novym Matunog
Robotics and Intelligent	Rose Aton
Machines	Shalinee Nieves
	Dianne Abigail Mendoza
Mathematics and	Elizabeth Abasolo
Computational Science	Genevieve Castillon
	Marchael T. Cubi
National Science	Ludivina Saratan
Innovation Expo	Cleofe Floreno
	Erna Argoncillo
FACILITAT	ORS PER EVENT (Science Activities 2025)
Sci-Spelling Bee	



Key Stage 2





Quizmaster: Judith Ampuyas



## Department of Education

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	Proctor/Checker/Timer/Tabulator: Miraluna Dawa,	
	Cris Jan Brilliantes	
Key Stage 3	Quizmaster: Lyndon C. Omega	
	Proctor/Checker/Timer/Tabulator: Maria Dulce	
	Mayordomo, Irish Bacaron	
Key Stage 4	Quizmaster: Santiaga Villarin	
	Proctor/Checker/Timer/Tabulator: Irene Magan,	
	Ramon Rosco Jr.	
Individual Quiz (Written)		
Key Stage 2	Quizmaster: Charlotte Sabordino	
	Proctor/Checker/Timer/Tabulator: Rojean Montero,	
	Jesica Sacal	
Key Stage 3	Quizmaster: Eden Dela Cruz	
	Proctor/Checker/Timer/Tabulator: Sarah Pacatang,	
	Mylene Fulgencio	
Key Stage 4	Quizmaster: Ruby Ann Sambilad	
	Proctor/Checker/Timer/Tabulator: Leilanie Papa,	
	Anthony Lean Alonzo	
Poster Making		
Key Stage 2	Facilitatos: Kathlea Garcia	
	1. Roneth Lanes	
	2. Alfredo Maygay Jr.	
Video Editing		
Key Stage 3	Facilitators: Hazel O. Ladua	
_	1. Khym Alfante	
Key Stage 4	Facilitators: Shane Cawag	
	1. Chenie Villapane	





