Republic of the Philippines
Department of Education
Caraga Region
SCHOOLS DIVISION OF SURIGAO DEL SUR

DIVISION MEMORANDUM
No. 7166 , s. 2025

To: Education Program Supervisors, CID
Public Schools District Supervisors/Districts In-Charge
Public and Private School Heads
All Others Concerned

SCHOOL-BASED CELEBRATION OF THE NATIONAL SCIENCE CLUB MONTH (NSCM) 2025

1. Pursuant to the DepEd National Advisory for the National Science Club Month (NSCM) 2025 released on July 14, 2025, this Office directs all schools in the Division of Surigao del Sur to spearhead the school-based celebration of NSCM 2025 this September. The theme for this year is:

   "SPATIALYZE: Surveying Societies, Sensing Solutions."

2. This theme highlights the transformative role of science, data mapping, and innovative solutions in empowering learners to explore their environment, analyze data, and propose practical responses to societal challenges.

3. Aligned with the findings and recommendations of Loren (2024), this celebration also serves as an opportunity to:

   - reinforce discipline, time management, and problem-solving skills to address tendencies toward academic procrastination;
   - integrate teacher professional development strategies (effective questioning, modeling, fostering supportive learning environments) into Science activities to sustain learner engagement;
   - promote a growth mindset by reframing academic challenges into learning opportunities, thereby reducing negative failure attributions.

4. To ensure alignment with the theme, schools are encouraged to conduct a one-week celebration engaging all learners through fun, interactive, and educational activities. The school head, in close coordination with the school and district Science coordinators, shall lead the planning and implementation.

5. Suggested activities are listed in Enclosure No. 1. These may be enhanced or localized according to the needs of learners and available school resources.

6. All school Science coordinators are requested to submit a terminal report of their celebration, including activity summaries, photos, and participant counts, to the Division Office through the Division Science Coordinator not later than October 10, 2025. Reports shall be uploaded to this link: https://tinyurl.com/SciMonth2025.

7. Private schools may adopt or adapt this memorandum according to their respective contexts.

8. For further details, you may reach out to Ressil L. Tersona, Division Science Coordinator through:

   - Email: ressil.tersona@deped.gov.ph
   - Mobile: 0912 – 027 -2222 (TNT)
   - Facebook: Jhing Loren

9. Immediate and widest dissemination of this memorandum is desired.

LORENZO O. MACASOCOL PhD, CESO V
Schools Division Superintendent

Encl.: As stated

Reference: DepEd National Advisory for NSCM 2025 (July 14, 2025); Loren, V. L. (2024). Academic Procrastination on the Academic Failure Attribution of Students as Mediated by Teacher Professional Development. Multicultural Education Journal. https://doi.org/10.63186/mej.vi.67
To be indicated in the Perpetual Index
under the following subjects:

SCIENCE CLUB MONTH TEACHER DEVELOPMENT INNOVATION

CID/rlt
09/01/2025

Enclosure No. 1

Suggested Activities for the School-Based Celebration of National Science Club Month (NSCM) 2025

In line with the theme **"SPATIALYZE: Surveying Societies, Sensing Solutions"** and based on the recommendations of **Loren (2024)**, schools are encouraged to implement activities that not only promote scientific literacy but also foster **discipline, time management, growth mindset, and teacher-student engagement**. These activities aim to reduce procrastination tendencies, strengthen problem-solving skills, and encourage teachers to apply professional development strategies such as effective questioning, modeling, and creating supportive learning environments.

Recommended Activities

1. **Science Mapping Challenge** – Learners create maps of their school or community highlighting environmental, health, or science-related issues (e.g., waste hotspots, biodiversity zones, safe routes). Teachers guide students using effective questioning to deepen analysis.
2. **Data Detectives: Survey and Analyze** – Students conduct surveys (e.g., on waste management, energy use, water consumption) and present their findings through charts, infographics, or digital mapping. Teachers model data analysis strategies to strengthen interpretation skills.
3. **Innovation Fair: Sensing Solutions** – Exhibit of student-made devices, models, or apps addressing local challenges (e.g., low-cost sensors, eco-friendly designs, climate resilience tools). Teachers provide mentoring, emphasizing time management and project planning to reduce procrastination.
4. **Science Quiz Bee: Data and Discovery Edition** – A competition focusing on earth sciences, space, data science, and innovations. This activity builds accountability and reduces failure attribution by encouraging learners to prepare systematically.
5. **STEM Spatial Games and Challenges** – Problem-solving games that teach collaboration, discipline, and resilience:
    - *"Build a Bridge, Save a Village"* – Teams design bridges using limited materials.
    - *"Coordinate Quest"* – Scavenger hunt using coordinates, QR codes, and clues.
    - *"Data Dash"* – Relay challenge requiring quick analysis of maps, charts, and scientific problems under time pressure.
6. **Eco-Project Exhibit: Mapping Sustainability** – Students design eco-friendly projects (solar tools, water-saving devices, biodiversity maps). Teachers facilitate reflection sessions to reframe challenges into learning opportunities.

7. **Poster-Making Contest: "Surveying Societies, Sensing Solutions"** – Students create visual artworks that show how science, innovation, and resilience lead to community progress.
8. **Science Film Viewing and Reflection** – Screening of films/documentaries on space, climate change, or data science followed by teacher-led reflective questioning to deepen critical thinking.
9. **Growth Mindset and Time Management Seminars** – Student workshops and teacher-led sessions on overcoming procrastination, reframing failure, and building self-discipline, aligned with Loren (2024).
10. **Guest Talks / Webinars** – Invite scientists, innovators, or GIS specialists to discuss careers in science, data use in decision-making, and resilience strategies. Teachers model inquiry-based engagement with guest speakers.
11. **Hands-on Experiments and Demonstrations** – Activities where learners measure, observe, and record scientific data (weather monitoring, soil testing, sensor-based experiments) while practicing time management and accountability.
12. **Spatiallyze Escape Room** – A science-themed escape room where students solve puzzles on data interpretation, map decoding, and problem-solving within a set time limit, reinforcing perseverance and focus.
13. **Community Science Walk ("Survey Our Society")** – Learners survey environmental or social issues in the community (waste segregation, biodiversity, traffic flow) and propose evidence-based solutions. Teachers guide students in framing findings positively to minimize negative failure attributions.
14. **Science Olympics: Mapping and Measuring Edition** – Mini-games such as egg-drop impact measurement, paper airplane trajectory tracking, or water rocket launches, focusing on precision, experimentation, and resilience.
15. **Science Costume Parade and Exhibit** – Students portray scientists, innovators, and data-driven heroes (e.g., Galileo, Katherine Johnson, Filipino scientists). Exhibits showcase student research and science club projects to highlight discipline, creativity, and perseverance.