



Republic of the Philippines
Department of Education
NEGROS ISLAND REGION

OCT 14 2025

REGIONAL MEMORANDUM
No. 494, s. 2025

EY STEM LEARNING PROGRAM GUIDELINES

To: Schools Division Superintendents
All Others Concerned

1. Attached is a letter from the Junior Achievement of the Philippines, Inc. (JA Philippines) National Project Manager, Paula Patrice Dela Cruz on the reminder of the EY STEM Program Guidelines.
2. Immediate dissemination of and compliance with this Memorandum are desired.


RAMIR B. UYTICO EdD, CESO III
Regional Director

Encl.: As stated
Reference: As stated
To be indicated in the Perpetual Index
under the following subjects:

CURRICULUM PROGRAM

MMPR/CLMD-RM- EY STEM PROGRAM GUIDELINES
000/October 13, 2025



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EY STEM Application

About the Application

A platform featuring interactive modules, mentoring, and career exposure to inspire students and develop essential 21st century skills like collaboration, creativity, self-confidence, and critical thinking. This application aims to support and inspire students to take on STEM careers in the future!

Registration Process

1. Open PlayStore or App Store and search “**EY STEM App**”



2. **Download** the App.
3. Upon launching the Application, click “**Register**”
Note: A valid email address is required to register
4. **Create a password** that you can easily remember but is secure.
Note: Password must contain 10 characters and at least one (1) number or symbol
5. Enter your **First Name** and **Last Name**, and Click Next.
6. Enter your **Birthdate**.
7. Enter the **Community Code**, and click Finish:
 - For Students: **PH1001**
 - For Teachers: **PH1002**
8. Agree to the App's Privacy Policy and Terms of Services.

Features of the Application

1. **Homepage**
This is where users can explore featured activities, discover new learning opportunities, and access all the app's powerful features.



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2. Profile Page

Where learners can personalize their STEM learning experience. Users can update their personal details, customize their profiles, and track their progress through their rank display.

The rank system reflects how far students have progressed in completing challenges and learning activities, creating a motivating gamification element that encourages continued learning.

3. Channels

The heart of the app. The Channels open up a world of learning opportunities as they house an incredible collection of STEM activities, interactive lessons, and engaging quizzes. This includes **20 different modules** covering diverse topics, offering students access to countless learning opportunities that span the entire STEM spectrum. Completing Activities result in earning points.

4. Feed

Connects learners to a vibrant global community. The feed allows students to view accomplishments and updates from fellow learners - not just locally, but from across the Philippines and around the world. This creates inspiration and connection, showing learners they're part of a dynamic, global STEM community.

5. Partners

Represents the organizations supporting this initiative, bringing world-class STEM education to students, schools, and communities across the Philippines. These partnerships empower the next generation of innovators, creators, and problem-solvers.

6. My Alerts

Learners will receive alerts about new features, challenges, and improvements. This ensures they'll always be up-to-date with the latest STEM learning opportunities and never miss exciting new content.



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EY STEM Innovation Challenge

About the Challenge

The **EY STEM Innovation Challenge** is a nationwide competition that empowers High School and Senior High School students to create **innovative, STEM-based solutions to real-world problems**. The challenge aims to inspire creativity, collaboration, and practical problem-solving among the Filipino youth, while promoting inclusive participation across genders and backgrounds.

Objectives

- Encourage young Filipinos to apply STEM in solving community challenges
- Promote creativity, collaboration, and innovation in youth-led initiatives
- Provide a platform for students to showcase their ideas and leadership
- Foster gender inclusivity in STEM-related fields and innovation activities

Eligibility & Participation: Who Can Join?

- Open to all High School (Grades 7-10) and Senior High School (Grades 11-12) students
- Must be enrolled in schools based in the Philippines
- Participation is open to **all genders**
- Diverse and inclusive teams are encouraged

Team Structure

- Participants may join as individuals or in teams of **up to 4 members**
- Each team must have a teacher-adviser
- Teams can be formed across different grade levels within the eligible range

Challenge Themes

Choose **ONE** of the following themes to address:

1. Health and Well-being
2. Environment and Climate Action
3. Education and Digital Inclusion
4. Community Development and Livelihood
5. Smart Cities and Technology for Good

Submission Requirements

1. Project Proposal

Format: Maximum 1,000 words or 5 pages

Must Include:

- **Project Title and Theme** - Clear identification of chosen theme
- **Problem Statement** - Define the specific issue you're addressing
- **STEM-Based Solution** - Detailed explanation of your proposed solution
- **Innovation/Scientific or Technical Approach** - Methodology and technical aspects
- **Target Beneficiaries and Intended Impact** - Who will benefit and how
- **Plan for Implementation** - Step-by-step execution strategy
- **Sustainability and Scalability** - Long-term viability and expansion potential

2. Pitch Deck

Up to 10 slides in PDF format

Should cover:

- Problem overview and significance
- Proposed STEM solution
- Technical feasibility
- Implementation timeline
- Expected outcomes and impact
- Team roles and capabilities
- Resource requirements
- Sustainability plan

3. Video Pitch (Optional)

Maximum 3 minutes

Content Guidelines:

- Clear presentation of the problem and solution
- Demonstration of technical understanding
- Team member introductions and roles
- Compelling call to action
- Professional quality (good audio and visual clarity)



4. Team Information Sheet

Note: Template will be provided upon registration to the competition

Evaluation Criteria

Criteria	Weight
Innovation and Creativity Originality and inventiveness of the idea	25%
Relevance and Impact Importance of the issue addressed and potential benefit to community	25%
Technical Feasibility Scientific or technical soundness, practicality of implementation	20%
Sustainability and Scalability Potential for long-term use and expansion	15%
Clarity of Presentation Quality of proposal, visuals, and communication of ideas	15%

Bonus Points: Inclusive Team Composition gets a **+5%** additional points for gender-balanced or diverse teams

Timeline and Process

Phase 1: Registration and Submission

1. Register your team and receive the Team Information Sheet template
Registration Form: <https://forms.gle/8q4grxV6X9gkoR9fA>
2. Submit all required materials by the deadline
3. Ensure all submissions meet format requirements

Phase 2: Initial Evaluation

1. Expert panel reviews all submissions based on evaluation criteria
2. Shortlisted teams will be notified for the next phase

Phase 3: Final Presentation

1. Selected teams present their solutions to a panel of judges
2. Q&A session to demonstrate technical understanding
3. Final evaluation and winner selection