

Twin STEM For Sustainability Competition 2025

Overview

The Twin STEM for Sustainability Competition 2025 invites schools worldwide to join a challenge where students create STEM-based projects to solve real-world sustainability issues. This competition empowers young minds to develop innovative solutions for a better future.

Details

The competition is FREE to participate, and access to the Twin Educator Portal and training materials will be provided at no cost during the competition period.

Teachers will use the curriculum training available on the Twin Educator Portal, which includes engaging videos, resources, games, and experiments. Students will complete Twin's STEM for Sustainability training, guided by their mentor teachers. Meanwhile, they will access the Twin Student Application, where students can follow their learning journey with assigned content.

Through this training, students will gain the skills to build real-world prototypes that offer sustainability solutions to real-world challenges, aligned with the United Nations' Sustainable Development Goals.

Registration Link

<https://o2o.to/i/tMefcs>

Key Dates

1. **Registration Deadline:** November 15th
2. **Presentation Submission Deadline:** January 17th
3. **Results Announcement:** February 3rd

Competition Process

1. **Complete Registration:** Submit your registration form to start the process. Once your application is reviewed, our competition team will reach out to guide you through the next steps. Upon approval, your school will be officially registered for the competition.
2. **Access the Training Curriculum:** Teachers will gain access to the complete curriculum, including training videos, resources, and interactive content through the portal. Students will receive login details for the Student App, where they can follow learning modules.

3. **Ideate, Define and Develop a Solution:** Students will explore sustainability topics aligned with the UN SDGs to identify a real-world problem. Using insights from the curriculum, teams will brainstorm and design a project to address the issue.
4. **Prototype the Solution:** Teams will apply their knowledge of STEM and sustainability to create, prototype, and refine a working model. Their solution will be tailored to solve the specific challenge they have chosen, aligned with the United Nations SDGs.
5. **Record and Upload Project Presentation:** Teams will create a video presentation showcasing how their project tackles the identified problem. These presentations will be submitted through the portal, with the best projects advancing to the Virtual Finals.

Prizes

#1 Platinum	#2 Gold	#3 Silver	#4 Bronze	#5 Jury Special	All Participant Schools
One Twin STEM for Sustainability Kit	One Twin STEM for Sustainability Kit	One Twin STEM for Sustainability Kit			
250\$ Amazon Gift Card (1)	200\$ Amazon Gift Card (1)	150\$ Amazon Gift Card (1)	100\$ Amazon Gift Card (1)		
First Place School Plate	Second Place School Plate	Third Place School Place	Fourth Place School Plate	Jury Special School Plate	
Platinum Certificate	Gold Certificate	Silver Certificate	Bronze Certificate	Jury Special Certificate	Participation Certificate
Educator Portal Access for 1 Year	Educator Portal Access for 1 Year	Educator Portal Access for 1 Year	Educator Portal Access for 1 Year	Educator Portal Access for 1 Year	Educator Portal Access for 1 Year
1 Year Free Student App Subscription	1 Year Free Student App Subscription	1 Year Free Student App Subscription	1 Year Free Student App Subscription	1 Year Free Student App Subscription	1 Year Free Student App Subscription

Eligibility

Open to students aged 9-12. Only students within this age range will be eligible for the competition.

Fee for Registration

Participation in the competition is entirely FREE. Access to the Twin Educator Portal, training materials, and video resources will be provided at no cost for the duration of the competition. Winners will also receive extended access to additional resources. Each team will have access to the Twin Student App for games, learning modules, and other resources to support their project development.

Location

The competition is fully online, conducted through the Twin Educator Portal. Teachers will use the curriculum training available on the Twin Educator Portal. All curriculum components must be completed on the portal and the mobile application. Teams will create a video presentation showcasing how their project tackles the identified problem. These presentations will be submitted through the portal.

Team Structure & Mentorship

Each team is composed of a mentor teacher and 5 - 7 students. The team mentor, often a STEM, science, or computer science teacher, plays a crucial role in teaching the curriculum ensuring progress. Mentors should guide their students through the training, helping them understand SDGs. The submitted project should be developed by the students with no outside interference.

Evaluation

Evaluation will be based on the completion of the competition curriculum and the missions assigned to the students. A detailed evaluation rubric will be provided to mentor teachers to ensure transparency in the judging process.

Virtual Finals

The winning projects will be showcased during our Virtual Finals, where they will be presented to an audience of global education leaders, sustainability experts, and fellow STEM innovators. The virtual event will not require live participation; instead, it will be broadcast via YouTube, allowing the winners' projects to inspire others and promote a sustainable future.

Support Contact

If you have any questions, feel free to reach out to our competition team at competition@twinscience.com.