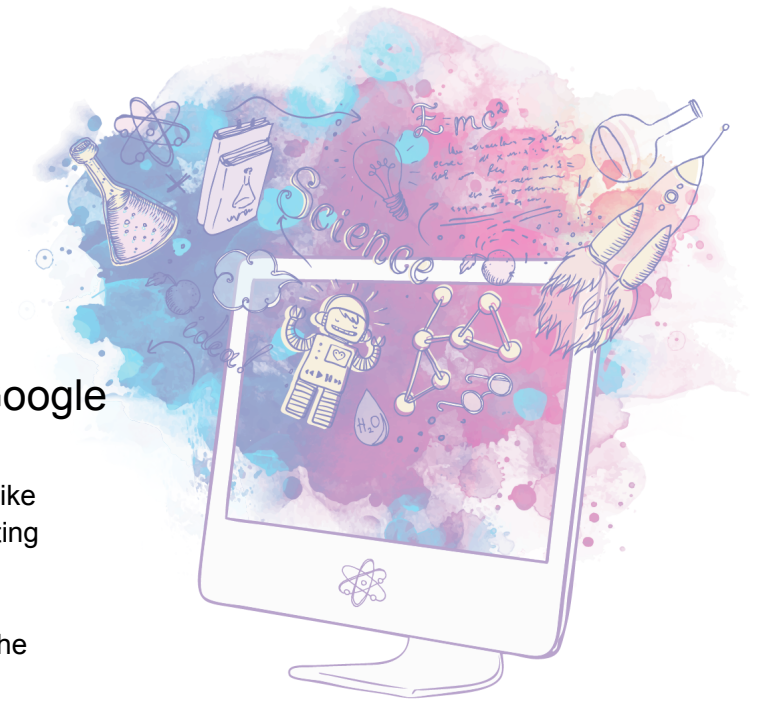




2024-2025 Girl Powered STEM Spotlight, presented by Google

Girl Powered is an initiative to redefine the face of STEM and make robotics look more like the diverse world we live in. Google and the REC Foundation are committed to highlighting how exciting it is to be involved with STEM, showcasing examples of how women are changing the world, providing tools for success, and creating environments where all students' confidence and abilities can flourish. Entries for this challenge will help show the robotics community at large just what it means to be a Girl Powered robotics team!

The challenge aims to celebrate and draw inspiration from the achievements of both historic and current female figures in STEM. By researching and showcasing these role models, interviewing a female STEM professional, and creating a video presentation, teams will gain insight, draw inspiration, develop skills, and foster empowerment.

Grade Levels	Programs	Submission Type
Elementary School Middle School High School University	VEX IQ Robotics Competition VEX V5 Robotics Competition VEX AI Robotics Competition VEX U Robotics Competition	Video

Prizes: Four finalists at each grade level will receive a \$100 VEX Robotics gift certificate. The winning entry at each grade level will receive a \$500 VEX Robotics gift certificate and a 1st place trophy. If a winning entry is from a VEX IQ, VEX V5, or VEX U Robotics Competition team that has competed with a physical robot during their competition season, they will also receive an automatic qualification to the 2025 VEX Robotics World Championship.

2024-2025 Girl Powered STEM Spotlight – Judging Rubric



ONLINE
CHALLENGES

This rubric will be used by Online Challenge judges to assess all submissions after the close of the competition. Each criterion will be scored from 0 to 5. Finalists and winners will be recommended by volunteer judges based on scores. *REC Foundation staff will determine awardees at their sole discretion with the guidance of volunteer judges and the minimum entry requirements.*

Criteria	Expert 4-5 Points	Proficient 2-3 Points	Emerging 0-1 Points
Research & Interview Quality	Comprehensive research with multiple credible sources, delivering insightful interviews that enhance understanding.	Adequate research; interview is basic	Minimal research or weak interview
Historical & Current Role Models	Effectively showcases the impact of both figures, drawing clear connections between them and STEM advancements.	Sufficiently highlights achievements, but lacks depth	Vague or disconnected from the figures
Creativity in Video Presentation	Highly engaging and original presentation that captivates the viewer.	Satisfactory creativity; somewhat engaging	Limited creativity, lacks engagement
Visual and Audio Quality	Polished and professional production with no distractions.	Acceptable, with minor issues	Poor audio or video quality
Adherence to Theme	Clearly aligned with the Girl Powered initiative, staying on theme throughout.	Mostly aligned with the theme	Lacks focus or relevance to the theme