



Unleashing Potential

CLSNP Hosts Hong Kong Inter-Primary Schools Eco-STEAM Competition 2025-2026: Solar-Powered Lunar Exploration Car Challenge



Collaborative Excellence: Empowering the Next Generation of Scientists

Concordia Lutheran School - North Point (CLSNP) has always been committed to fostering STEAM education and innovative thinking. On May 2, 2026, the "Hong Kong Inter-Primary Schools Eco-STEAM Competition 2025-2026: Solar-Powered Lunar Exploration Car Challenge" was successfully held at our campus. Jointly organized by our school and the Hong Kong Values Education Association, and strongly supported by Hong Kong Education City, the Ho Koon Nature Education cum Astronomical Centre and the Hong Kong China Education Fund, the event welcomed 11 primary schools from across Hong Kong to embrace scientific exploration.





Back to Basics: Innovation Unleashed Without Digital Assistance

A defining feature of this competition was the "Analog Challenge." Participants were required to design and assemble their solar-powered lunar cars without relying on the Internet. This setup encouraged students to tap into their original creativity and problem-solving skills. From conceptualizing the frame to assembling the solar power system, every unique vehicle was a product of the students' own logic, teamwork and imagination.

Engineering Resilience: Troubleshooting and Innovation on the Track

The atmosphere was filled with excitement and energy. During the assembly, troubleshooting, and track trial stages, teams often encountered mechanical hurdles. However, the students remained calm and determined, engaging in thoughtful discussions and repeatedly refining their designs. Their resilience in the face of failure demonstrated a remarkable scientific spirit. Teachers, parents, and guests alike highly praised the students' creativity and significant STEM progress.

A Holistic Journey: From Scientific Inquiry to the Victory Stage

Beyond the excitement of the races, the event offered a comprehensive learning experience. An astronomy seminar provided students with professional knowledge about lunar environments, bridging the gap between theory and practice. The awards ceremony was a touching highlight, celebrating the students' courage to try and their spirit to innovate. The venue was filled with laughter and mutual support, showcasing exceptional sportsmanship.

Future Horizons: Honoring Growth and Creative Perseverance

This competition was more than just a race; it was a powerful journey of self-discovery and growth for these "junior engineers." Witnessing their ability to liberate such immense potential without digital aid was truly inspiring. We extend our heartfelt gratitude to all supporting organizations, participating schools, and staff for making this event a resounding success. We look forward to continuing our efforts in promoting STEAM education in Hong Kong.

