



INTERMEDIATE SKILLS CHALLENGE RACE TO A GREENER FUTURE!

The **INTERMEDIATE SKILLS CHALLENGE (ISC)** is a full-day, hands-on design challenge for Grade 9 students across Nova Scotia, with Grade 8 students also welcomed to participate, as a chance to build early skills and prepare for next year's science curriculum.

Examples of green energy options include: saltwater fuel cells, solar panels, and mini wind turbines.

The ISC connects directly to the Grade 9 science curriculum by engaging students in electricity, efficiency, and renewable energy while highlighting links to climate change.

Curriculum Connections :

- Students explore power consumption, efficiency of appliances, and learn about making informed decisions.
- Students will propose a course of action with respect to human and environmental needs for electricity and energy.
- Students also explore the connections between energy production and climate change.
- This challenge reinforces classroom learning through applied, hands-on exploration while encouraging teamwork, problem-solving, and creativity.

THE CHALLENGE: Each team receives a base car kit and \$50 to customize and adapt their design with green energy technology. Students will have one month to design and build their model car at their own school. Cars must be ready to drive before arriving at the Discovery Centre for the event. Students will have time for touch-ups and final checks before racing in the ISC competition alongside teams from across the province.

WHEN: Tuesday, October 28, 2025

WHERE: Discovery Centre, 1215 Lower Water Street, Halifax, NS B3J 3S8

WINNER NEXT STEPS: The winning team will represent Nova Scotia at the Intermediate Skills Challenge in St. John's, NL, on November 22, 2025, competing against other students across the Maritimes to further explore and connect students with the green energy sector.

BE SURE TO SECURE YOUR SPOT TODAY! REGISTRATION CLOSES SEPTEMBER 19, 2025!

Presented by: