



TenPeaks

Free Money

Applied Learning

Compete for Prizes

10 Peaks Case Competition 2023-24

Energy and Sustainability Student Action Project

Brief Overview

The Ten Peaks Case Competition (10PC²) is an opportunity for students to apply concepts of sustainability in a real-world way. We encourage STEM related, Art & Culture, and Humanities related projects to be submitted. Micro-grants of \$100 are available to get your student group started, so get your applications in as soon as possible.

Ten Peaks Student Action Projects

1. Allies for a Clean Environment Project

Have you ever wondered how much impact your waste diversion actions have? Include sustainable behaviours in your day-to-day classroom activities and calculate your environmental impact benefits.

2. Microbial Fuel Cell – Alberta Challenge

Let microbial marvels spark curiosity. Join classes province-wide to build the bio-based batteries using soil. Teams will also join a friendly competition and learn about electricity and ingenuity.

3. Create your own!

Want to showcase your eco-club project or school garden? Want to combine dance or poetry with teaching sustainability? Does your foods, drama, sports teams, or other classroom have a creative link to energy and the environment? Submit a proposal and you may, in fact, qualify for a micro-grant.

Competition Criteria

Ten Peaks Innovation Alliance will be accepting applications for the competition from November 15 – December 15, 2023. All projects will include the following:

- A team of 2 – 30 Grade 7 – 12 students along with at least one mentor teacher.
- A 2 – 3 month student action project related to energy, sustainability, or innovation.
- A connection local to Alberta (though the project could affect areas outside Alberta)

General Workplan

(1) Initial Application

Submit a project proposal (maximum 2 pages) by December 15, 2023. Successful proposals will receive a micro-grant of \$100. Proposals will contain the following:

- Project summary
- Descriptions of project connection to energy, environment, innovation, and/or technology.
- A description of anticipated positive impacts.
- Proposed project timeline.



(2) Successful Project Proposals

Successful project proposals will receive mentorship from an industry specialist to help shape the project direction and craft the project presentation. Projects should be finished by April 30, 2024. Teams will submit the following outputs:

1. Project summary slideshow
 - Highlight what you did and the positive impacts arising from your project as it relates to energy, environment, innovation, technology, and/or entrepreneurship.
 - Assessed on clarity of communication, visual appeal, and ability to carry out the proposed project plan.
2. (Optional) 2-minute promotional video
 - Highlight what the students accomplished or plan to do.
 - Video assessed on story-telling ability, visual appeal, and creativity

(3) Project Finalists

Finalists will be determined prior to May 10, 2024. Finalists will present their project presentations either live or by video to a panel of judges in the 10PC² Judges Table (late May 2024). Prizes for finalists range from \$100-\$300.

Case Competition Timeline (2023-24)

Date	Event	Description
Nov 15 – Dec 15, 2023	10PC ² Proposal Submission	<ul style="list-style-type: none">• Case Competition proposals accepted for adjudication.• Project draft revisions allowed within submission period• Successful applications will be awarded a microgrant of \$100 to complete the project.• Rubrics for assessing team outputs distributed upon successful application.
Mid-January	Competition kick-off (virtual)	<ul style="list-style-type: none">• Receive specifics about the competition and meet some of the other teams involved
Jan – Apr 2024	Project Implementation	<ul style="list-style-type: none">• Carry out the proposed project.• Project teams prepare:<ul style="list-style-type: none">○ Project summary presentation○ (optional) 2-minute promotional video
April 30, 2024	Project submission	<ul style="list-style-type: none">• Final day for project submissions
May 1-10, 2024	Adjudication	<ul style="list-style-type: none">• Project submissions assessed and finalists announced
Late May 2024 (Date TBD)	10PC ² Final Competition (Virtual)	<ul style="list-style-type: none">• Top teams present their projects (live or recorded) to a panel of judges. Judging will be through web conferencing.• Team rankings determined and prizes awarded.

Submissions and Further Information

All Case Competition correspondence can be directed to Gideon at gideonchoi@10peaks.ca. This includes applications, project submissions, general inquiries, or asking about specific resources to help develop a small idea into a project.