

**ENVIRONMENTAL
EDUCATION IS THE
MOST POWERFUL
WEAPON TO CHANGE
THE WORLD!**



econova

**Catalog
2023-2024**

Grade 6 to 12

OUR WORKSHOPS



WHO IS IT FOR?

EcoNova workshops are designed to help shape tomorrow's eco-conscious citizens and professionals. Grounded in all relevant fields of science and learning best practices, we integrate environmental literacy transversally.

Our workshops are carefully crafted to instill a deep understanding of the environmental challenge of now and tomorrow, empowering young people with knowledge, skills and the necessary critical thinking to take on the triple planetary crisis.

DURATION

Workshops last from **60 to 120 minutes** but the lessons last a lifetime. These workshops represent special teaching time that should not be interrupted or reduced.




WHERE WE DELIVER

All our workshops are available **online**, and some are available **in-person** (subject to conditions).

OUR PROGRAMS

For classes wishing to construct a solid and comprehensive environmental culture, EcoNova offers a thematic program to follow throughout the year.

Our themes for the year are:

- Ecosystems (6-9) 
- Climate emergency (10-12) 
- Rethinking our consumption (10-12) 

Each program contains a series of workshops adapted to get progressively more challenging and includes a teacher's kit with curated resources to explore environmental issues in greater depth. The program offers priority to booking dates and times.

CONDITIONS



All equipment included.

10% discount for bookings of 5 or more workshops (on the total cost of all workshops booked, excluding additional fees).

In-person workshops may be subject to a minimum number of bookings per day and per school. Transportation fees may apply.

Subject to availability: micro-grants and subsidies are periodically available to help public schools finance enrichment learning programs. Please take a look at the booking form for up-to-date opportunities.

CORE COMPETENCIES

Each workshop develops students' **essential skills**. Find out which one in the descriptions throughout the catalogue.




Communication



Thinking



Personal et Social


EcoNova abides by the *Climate Education Framework* laid out by the province of New Brunswick, including the capabilities that must be developed for effective environmental education and climate action. [Find out more](#) 


The mysterious world of mushrooms

60 MIN / 6 TO 9

Whether they're scary or stylish, mushrooms play a very important role in the ecosystem and in biodiversity. In this workshop, your students are invited to immerse themselves in the wonderful world of mushrooms. Activities include: watching an educational video, learning to identify mushrooms, watching them grow in the classroom, solving riddles and discovering how they help us to fight climate change.

Exchanging observations and ideas about the environment. 

Analyzing living things in their environment. Curiosity about nature. 

Personal and collective responsibility for protecting biodiversity. 

60 TO 90 MIN / 6 TO 9

Stand for the forest!



Linking climate issues to forest protection.



Understanding interconnections in ecosystems.



Personal and collective responsibility for the use of planetary resources.

Our majestic forests are known beyond our borders, and the symbol of our country is a maple leaf. But how well do we really know our Canadian forests? This workshop focuses on the history of our forests, their enigmas and the secrets that must be preserved. But the workshop is also for eco-citizens: the Canadian forest is an incredible case study! Aboriginal rights, urban sprawl, forestry rights, climate justice and democratic issues... We'll explore these issues through the eyes of an environmentalist and an engaged citizen.



90 MIN / 6 TO 9

EQUIPMENT PROVIDED!



Exchanging observations and ideas about earthworms.



Reflecting on the importance of soil and the consequences of waste.



Personal and collective responsibility for resource use.

Investigating worm composting

Did you know that earthworms can help us reduce our waste? In this workshop, students explore their waste production and environmental impact. Vermicomposting is a simple and effective way to recycle organic waste. In an exciting hands-on activity, your students will raise earthworms, study their feeding habits, multiply and compost in the classroom.


WARNING: LIMITED QUANTITIES! AVAILABLE


Food waste is your business too!

60 MIN / 6 TO 9

WITH
**Better
Table.ca**

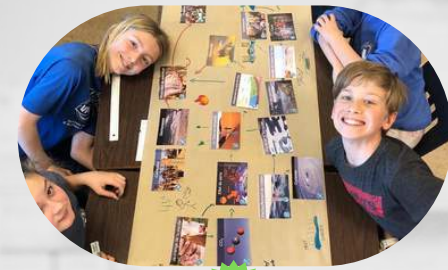
Full stomachs and empty garbage bins! This workshop gets students thinking about the food waste issue in Canada and its environmental and social consequences. They learn more about the food life cycle and the use of natural resources in food production. Discussions, games and activities help students come up with practical solutions and actions to reduce waste on a daily basis.

Collaborating and sharing information. 

Reflecting on the consequences of waste and seeking solutions. 

Formulating ethical choices. 

OUR SECONDARY SCHOOL WORKSHOPS



From
January
2024

The ocean, our blue lungs to protect

60 MIN / 6 TO 9

Immense, silent, mysterious, it provides us with so many services! The ocean is our main ally to regulate the climate, and so important for biodiversity. But it's also under threat from a number of other sources! This workshop's program includes games to map the oceans, the currents and even the plastic continent, experiments to help you understand the greenhouse effect and global warming, and investigations into the different forms of fishing.

Putting ideas into action to find a solution to ocean plastic pollution.

Understanding the role of marine ecosystems in climate regulation.

Understanding the impact of human activities on marine ecosystems.

90 MIN / 9 TO 12

Can you be green and stylish?

Collaborating on and sharing critical analysis.

Evaluating information. Curiosity about a social issue.

Cultural identity and personal, collective and ethical responsibility for our consumption habits.

Our clothes protect us and make us feel good... But are we prepared to sacrifice everything to look fashionable? The textile industry is one of the most polluting in the world. In this interactive workshop, we present the fast-fashion and its social and environmental consequences, work on critical thinking, discover the "life-cycle analysis" tool and learn to identify sustainable brands from greenwashing ones. Students take away practical solutions for challenging brands and dressing in a way that respects the planet, their health and the others!

60 MIN / 6 TO 9

My food carbon footprint

Communicating ideas in scientific language.

Integrating an abstract concept to evaluate concrete impacts.

Personal responsibility for food consumption and collective responsibility for food production.

In this workshop, students learn about the climate issues related to food consumption in Canada. After a dynamic quiz, they calculate their carbon footprint to find out how to take practical and creative action. Meat diet, omnivore, vegetarian... Eating responsibly, yes, but eating smart, healthy and tasty too!

Mini-conference!

Climate change

In Canada too, it's time to act!

At a time of climate emergency, extreme events are hitting the world and Canada. At a time when young people are expressing fear of the future and anger at climate inaction, this conference sets the frame on the Canadian situation today and the possible scenarios for 2030 and 2050. A conference aligned with Canada's climate commitments and framework, local context of the Provinces and Territories, and the new stories to be invented in order to design a desirable future together.

60 MIN / 9 TO 12

LED BY ALOÏS GALLEY, CONSULTANT AND AUTHOR.

Exchanging observations and ideas on soils.

Analyzing living things in their environment. Curiosity about nature.

Personal and collective responsibility for soil protection.

60 MIN / 10 TO 12

The ecological footprint

a tool for measuring sustainability

Exchanging observations and ideas. Sharing personal habits.

Integrating an abstract concept to evaluate concrete impacts. Imagining our future world.

Personal and collective responsibility for resource use.

To preserve the planet's habitability, human behavior must become sustainable. But what kind of sustainability are we talking about? Production, consumption, weak or strong sustainability? In this workshop, we delve into the famous Canadian metrics of Earth Overshoot Day. After a cross-country comparison, students can calculate their own ecological footprint. Talking about one's emotions is welcome, before a phase of collective discussion about concrete actions to be taken at school, at home and in the community.

WITH



60 MIN / 6 TO 9

Wolves, predators and guardians

Interacting. Exchanging local perspectives. Collaborating. Expressing opinions and emotions.

Understanding the interconnections in ecosystems. Reflecting on the wolf's role in the environment.

Taking personal responsibility for protecting biodiversity and natural ecosystems.

Precious wild animals or cruel predators? The reputation of these carnivores, present in many myths, is bad. Unfairly so! This workshop shows the richness of these social animals and their importance in our ecosystems. Students study a wolf pack and discover their lifestyle, intelligence and social structure. Who's better than teenagers to understand the importance of belonging to a group? Students also integrate the links between wolves and other species through a variation on the Werewolves game.



The Climate Fresk

120 MIN / 8 TO 12

Interacting. Exchanging local perspectives. Expressing opinions and emotions.

Integrating information and establish causal links. Analyzing scientific facts and draw conclusions.

Personal and collective responsibility for climate protection.

Based on collaborative intelligence and critical thinking, the Climate Fresk gets students to work together as a team to solve the climate change puzzle. The specific pedagogy encourages visualization and memorization of the climate system. After a playful section, there is time to discuss everyone's perspective and emotions. Finally, the Fresk ends with a guided collective discussion to identify possible actions at home, at school and at the city level.



90 MIN / 10 TO 12

Eco-activism!

Collaborating on and sharing a common project.

Tackling a complex, multi-actor problem. Creative thinking. Imagining an innovative project.

Forming a cultural identity. Collective responsibility for environmental protection.

Today's youth will be writing the future with the tools left to them by previous generations. This introduction to eco-activism is a must to help young people discuss, organize, express themselves and be heard on the ecological crisis. After taking a quiz to find out everyone's motivations and strengths, groups are made with the task of building various forms of campaign. Students leave the workshop with all the tools they need to run educational and committed campaigns. It's never too early to speak out, take positive action and make a difference!



2023 TESTIMONIES

It was very well planned and guided towards our students and the curriculum. It was great! I really appreciate your workshops.

Mélanie Saint-Louis, Conseil Scolaire Catholique Providence, 7th, ON

Aloïs explained the technical terms well and kept the students engaged. I liked the variety of activities for the students (bingo, Kahoot!, quiz, video).

Julia Bellemore, Pain Court Secondary School, 9th, ON

I've participated in several EcoNova workshops and the World of mushrooms is honestly one of my favorites. We really enjoyed the mushroom growing kit (so much, in fact, that I plan to buy one [...] next year). The sites we got to explore and the activity of figuring mushrooms types and the Kahoot quizzes were great! My students really enjoyed the activity breaks our presenter prepared!

Stephanie Girard, Monseigneur Jean Noël School, 6th, ON

Thank you, this is the best virtual workshop I've attended since 2020. The facilitator kept the students' attention despite the distance. The workshop was well structured, and its pace was good. Bravo and thank you!

Véronique Plourde, La Vérendrye School, 6/7th, BC,

The workshop on the mysterious world of mushrooms was brilliant! My students and I grew mushrooms in the classroom for the first time ever! The students were excited to come to school every day to watch the mushrooms grow and get bigger and bigger. We also ended this chapter by cooking the mushrooms in butter and garlic! Yummy! Thank you!

Andreanne Porlier, School of Grands-cèdres, 5/7th, BC

THEY TRUST US



AND IN IMMERSION SCHOOLS

Maple Ridge School District - Pitt Meadows, Prince George, Peace River North, Comox Valley, Campbell River, Abbotsford, Burnaby, Delta, Richmond, Vancouver, Victoria

OUR PARTNERS



Alexa Camargo, co-founder.

Long-time social and climate justice entrepreneur. Educator on ecological issues. Lawyer specializing in business law and intellectual property. Speaks French, English and Spanish.



Alois Gallet, co-founder.

Lawyer and economist, consultant and columnist. Referent for "The Climate Fresk". Councilor for the French Community in Western Canada. Speaks French, English and Spanish.



Caroline Malczuk, animator.

Journalist and educator. After coming face to face with the reality of climate change in British Columbia, she decided to give her energy and time to environmental education. Speaks French and English.



Enguerrand Bousselet, communication and event officer.

Former communications officer for an international group. Podcast Creator. Speaks French, English and Spanish.



Mars, communications volunteer

Bachelor's degree from the University of British Columbia in Ecology and Evolutionary Biology. She is passionate about communication that supports climate action and a circular economy. Speaks Portuguese, English and French.



Angell, volunteer

Angell is a passionate young professional eager to delve into sustainable development. With a bachelor's degree in environmental engineering, she studies energy management in Vancouver. Speaks Mandarin and English.



Katherine, volunteer

After working in both the private and public school systems for a few years in British Columbia and Alberta, Katherine decided to do more climate education for both students and teachers. Speaks French and English.

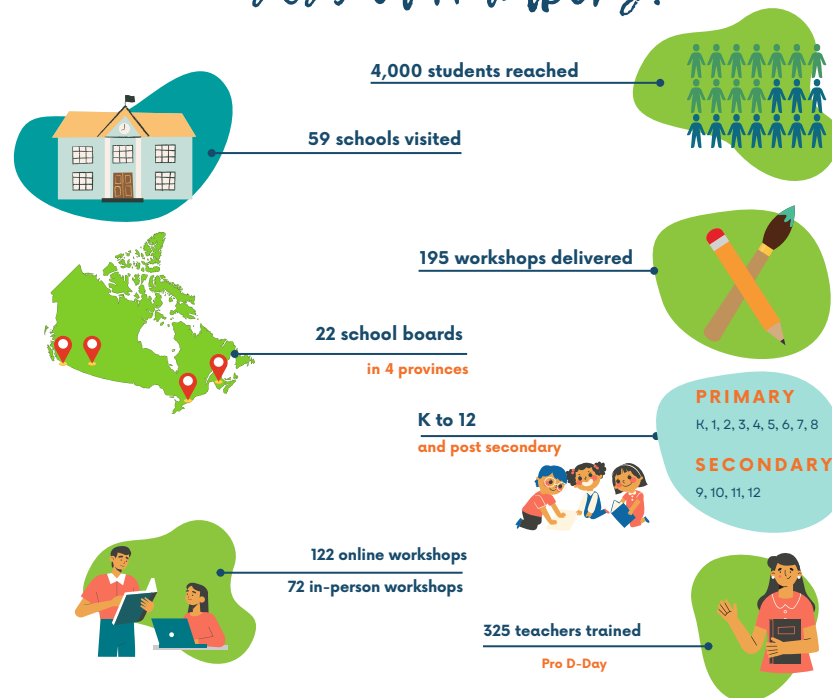


Since 2016, we've been providing quality interactive content on environmental science, sustainability and climate change for Canadian school students, K-12, and their educators. As a charitable organization, we have a mission: to trigger informed decisions, actions, critical thinking and behavioral change.

Provincial curricula are not designed to be updated every year, but in the era of ecological crises, we need to review our priorities regularly, invent tomorrow's professions, and prepare young people accordingly.

EcoNova's role is to provide this flexibility and connection between ecological priorities, scientific knowledge and education. Our aim is to help schools prepare young people for the ecological challenges of today and tomorrow.

2023 in Numbers!



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www.econova.ca



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