



Catalog 2024-2025

Kindergarten to Fifth grade

OUR ECO WORKSHOPS

WHO IS IT FOR?

EcoNova workshops are designed to **help educators shape tomorrow's eco-conscious citizens**. Grounded in cutting-edge science and education best practices, we integrate environmental education seamlessly into arts, science, languages, and social studies.

Our workshops are carefully crafted to instill a deep appreciation and understanding of the environment, empowering children, educators, and families to prevent harm and restore balance, drawing wisdom from indigenous knowledge. **Environmental education is not just a subject; it's a mindset.**

DURATION

Workshops last from **45 to 120 minutes** but projects lasts for weeks and months. 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: BC, Alberta, Ontario, New-Brunswick, Nova-Scotia** (subject to conditions). Let us know your preference.

OUR PROGRAM

One workshop is great, but sometimes it feels "not enough". For teachers wishing to build a solid and comprehensive environmental culture, EcoNova offers a thematic program delivered throughout the year.

Our themes for 2023-2024 are:

- Ecosystems (3 - 5)
- Biodiversity (K - 5)

Each program contains a series of workshops adapted to the level of the class. The program gets progressively more difficult, and includes a teacher's kit with numerous resources to help explore environmental topics independently. 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](#)



1,2,3... sprout!

45 MIN / K TO 2

Observing the environment. Discussing plant needs.

Interpreting the immediate environment. Developing curiosity about nature. Plan ahead.

Personal and collective responsibility for a living class project.

There's something magical about watching a plant emerge from the soil and blossom. That's why we're delighted to offer two workshops, in person and online, to help your students understand germination. They can even see it take shape before their eyes in the classroom with a hands-on activity! To memorize a plant's life cycle, your students will also learn a little dance with the animator.

The Anti-Waste Heroes

45 MIN / K TO 2

Sharing experiences of food processing in the local context.

Interpreting a story, understanding an abstract concept. Critical thinking about waste and its solutions.

Personal and collective responsibility for the use of natural resources.

It's time to put the food waste monster on a diet! With the help of the anti-waste heroes, your students will discover practical solutions to fight it on a daily basis. On the menu for this fun and informative workshop: telling the story of the monster Wastalot, creating a superhero mask, treasure hunting, and more! Let's not underestimate children's superpowers, such as creativity and motivation!

Our friends the carnivores

45 MIN / K TO 2

Exchanging observations and ideas about animals.

Analyzing and classifying living things. Reflecting on wild animals' place in the living world.

Respect for living beings around us. Responsibility for the use of space.

Large animals inhabit the forests and plains of Canada. Among them are the coyote, the black bear and the lynx. Understanding these three carnivores is essential to protect them. In this workshop, students learn about the importance of these animals for biodiversity, as well as the notion of territory and cohabitation. This is achieved through a short interactive presentation, an activity about the animals' diet, creative and sensory games.



From larva to butterfly

45 TO 60 MIN / K TO 5

SEASONAL WORKSHOP: APRIL, MAY, JUNE
FEW QUANTITIES LEFT!

Exchanging observations and ideas about insects.

Curiosity about nature, its beauty and ecological services.

Personal and collective responsibility for protecting living things.

Butterflies are wonderful insects that dazzle us as much as they serve us. Students will learn all about the stages of the butterfly's life cycle and its essential role in biodiversity. The workshop is punctuated by a visual presentation and dynamic activities (dance or interactive quiz). Not to mention an unforgettable butterfly-rearing experience! The butterflies are then released back into the wild.

Let's grow the 3 sisters

60 MIN / 3 TO 5
EQUIPMENT PROVIDED!

Exchanging observations and ideas on the environment, the plant world and plant needs.

Reflecting on conventional agriculture. Learning indigenous knowledge.

Taking personal and collective responsibility for protecting the environment and cultural heritage.

For millennials, the Indigenous People of Canada have observed that, in nature, certain plants live better together than apart. In this workshop, we take a look at the 3 sisters: corn, squash and beans. After an instructive story, students illustrate the notion of interconnections in nature through a creative activity. They also have the chance to put their new knowledge into practice by planting seeds from the 3 sisters.

Silver cap mushrooms

60 MIN / 3 TO 5

Exchanging observations and ideas about the environment.

Analyzing living things in their environment. Curiosity about nature.

Personal and collective responsibility for protecting biodiversity.

Neither plant nor animal: fungi are very special. Invaluable to ecosystems, fungi play a critical role on Earth. In this workshop, the class receives a fungus growth kit that awakens their interest in this atypical organism. Students are also introduced to the notion of symbiosis with a practical example: the mutual services provided by fungi and trees in the forest.

The anti-waste detectives

60 MIN / 3 TO 5

Collaborating on observations and sharing ideas.

Asking questions. Processing information. Reasoning. Making informed choices.

Taking personal and collective responsibility for resource use.

For millennials, the Indigenous People of Canada have observed that, in nature, certain plants live better together and have beneficial effects on one another when planted together. In this workshop, let's take a look at the 3 sisters: corn, squash and beans. After an instructive story, students can illustrate the notion of interconnections in nature through a creative activity. They also have the chance to put their new knowledge into practice by planting seeds from the 3 sisters.

The soil's secret life

60 MIN / 3 TO 5

Exchanging observations and ideas about soils.

Analyzing living things in their environment. Curiosity about nature.

Personal and collective responsibility for soil protection.

Beneath our feet, things are teeming. Insects, bacteria, fungi, animals: all these little creatures play an important role in this unknown and mysterious ecosystem. In this workshop, students discover how soil works and learn about the living creatures that inhabit it. In a hands-on activity, they reproduce a typical Canadian soil sample. Then the Kahoot! allow students to shine with their newly acquired knowledge.

The black bear, forest ranger

60 MIN / 3 TO 5

Collaborating on a common problem, then presenting it.

Understanding the interconnections in ecosystems.

Personal and collective responsibility for protecting ecosystems.

Discover the secrets of one of Canada's most emblematic animals: the black bear! This famous animal is much more essential to the forest than it seems... After a presentation of the bear's characteristics and habitat, a group activity will help students understand its connections to biodiversity. This is followed by a game to identify bear tracks, and a reflection on how to coexist harmoniously with bears.

The forest enchants us!

60 MIN / 3 TO 5

Exchanging observations and ideas on the environment, the plant world and plant needs.

Reflection on conventional agriculture. Learning about indigenous knowledge.

Taking personal and collective responsibility for protecting the environment and cultural heritage.

What is a forest? A zone of standing trees? A place to wander? It's much more than that! Home to thousands of species, the forest is the opposite of mathematics: the more complex, the better! The forest holds many secrets, such as communication between trees, and provides us with many services. Through an activity focusing on interconnectivity, students discover just how much the forest is a wonderful place of biodiversity to be protected.



TESTIMONIES



What an extraordinary workshop! My students and I enjoyed learning more about soil biodiversity. They're still talking about it. We loved the workshop. Very relevant and linked to the science curriculum.

The facilitator was patient, knowledgeable and engaging.

Francine Gilmour, Sacré-Cœur Elementary Catholic School, 3/4rd, ON

I am extremely satisfied with our program and your team's support to this day. Our students LOVE your workshops! Since I discovered your organisation last year, I haven't stopped recommending you to colleagues at other schools.

Marie-Pascale Brown, Francophone School of Kimberley, K/3rd, BC

We loved the "Larva to Butterfly" workshop! We enjoyed its interactivity and learned a lot. The students are fascinated by the new butterflies. It was a very fruitful experience for the students to see the process from larva to butterfly. Everything went really well! We really enjoyed it all.

Pascale Castonguay, Elementary Catholic School Élisabeth-Bruyère, K, ON

My students and I loved the workshop! The workshop activities - before, during and after the workshop- were great! The materials and information were perfect for my students' level. The instructors explained very well and asked good, relevant questions to the students. My class and I continue to take care of our potatoes and to learn about sprouting. Yesterday, we walked to my house (very close to the school) to see the mini potato farm in my garden. The workshop was educational and important for my students' lives. Thank you so much! Meryl Davies, Entre-Lacs School, 1st/2nd, BC

The way the workshop was presented allowed us to experience an investigative process, which develops my students' critical thinking skills. I really enjoyed it. The letter, the instructions and the video explanations were excellent. I think all my students learned something, since we don't often get the chance to explore mushrooms.

Patrick Revie, Elementary Catholic School Marius-Barbeau, 5th, ON

Thank you so much for the workshop. The information shared inspired some critical thinking about the impact of our daily choices. I can't wait to do the activities we didn't get to do and to continue the discussion. Thanks for sharing any resources you have to share. The facilitator was very engaging and knowledgeable.

Nathalie Roy, Conseil Scolaire Catholique Providence, Secondary, ON

THEY TRUST US



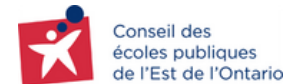
Ministère de l'Éducation



Patrimoine canadien



Conseil scolaire francophone de la Colombie-Britannique



AND IN IMMERSION SCHOOL

Prince Rupert Middle School (Prince Rupert), Kildala Elementary School (Kitimat), Caledonia Secondary School (Terrace), Duchess Park Secondary (Prince George), 100 Mile House Elementary School (100 Mile House), Millstream (Victoria), Inman Elementary (Burnaby), Pauline Johnson (West Vancouver), Windsor Secondary (North Vancouver), Trafalgar Elementary (Vancouver), Laura Secord Elementary School (Vancouver), Lord Selkirk Elementary (Vancouver) ...

OUR PARTNERS



Vous avez toutes les cartes en main



ABOUT ECONOVA



Caroline Malczuk, executive director.

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



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". Councillor for the French Community in Western Canada. Speaks French, English and Spanish.



Enguerrand Bousselet, Volunteer.

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



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.



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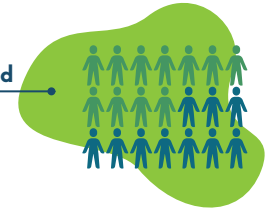
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2024, in Numbers!



3 562 students reached



56 schools visited



20 school boards

in 6 provinces

K to 12
and post secondary

PRIMARY

K, 1, 2, 3, 4, 5, 6, 7, 8

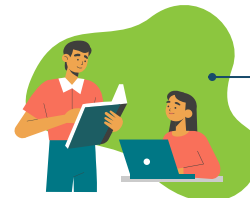
SECONDARY

9, 10, 11, 12



120 online workshops

77 in-person workshops



2 professional learning activities

Pro D-Day



1 climate song contest



1 ecological comic strip contest

