

10:10-11:10am

Building Strong EcoTeams

Versailles Salon

Partenariat Éco-GNO: partenariat entre les écoles secondaires/élémentaires/communautaire

Conseil scolaire public du Grand Nord de l'Ontario

Notre intention est de partager nos idées et notre enthousiasme avec les participants afin de prouver qu'être une ÉcoÉcole peut vraiment avoir un impact dans notre communauté. Nous allons démontrer comment établir des partenariats avec autres écoles et organismes en partageant nos réussites ainsi que nos stratégies gagnantes.

Moving Towards a Low-Carbon Economy

Le Parisien

Village of Renewable Energy

Dr. Jackman Institute of Child Studies

This workshop will introduce a successful STEAM project by Grade 6 students. The students were "hired" by Area 40 Construction Company to create a village powered by renewable energy. As architects, they were encouraged to design a building that used solar energy and other environmentally friendly modification that would save energy. Students created a 30 second commercial explaining their eco-friendly features and use of solar energy, a mini-model of their building, a proposed budget (pre-construction) and a final budget (post-construction). At the end, students collaborated as a community in the design of their Village of Renewable energy.

Targeting Zero Waste

Le Petit Est

7 R's of Fashion Crusaders

Fashion Takes Action

My Clothes My World is a creative classroom immersion program in schools across Ontario that digs into the environmental and social cost of fashion. In these curriculum connected workshops, we explore labour issues, the global supply chain, and what we've coined The 7 R's of Fashion Crusaders. Not just the 3 R's: Reduce, Reuse, Recycle, but, also Research, Repurpose, Repair & Rent. Personal leadership, positive solutions, and critical thinking are emphasized throughout because we want students to feel empowered with immediate actions they can take at home, in their community and when they shop.

Creating healthy schools: food and greening projects

Le Petit Ouest

Generation Nutrition: Raising food literate youth

Action Against Hunger Canada

Greening your school, teaching food literacy, experiential education on sustainability, fostering dialogue between your students and others around the country and world, and empowering youth to create change in their communities do not have to be separate endeavours. Join us as we plant together in mobile food garden boxes, experience engaging modules on environment and nutrition, dive into curriculum integration ideas, and explore how demographically diverse schools all have the same goals: raising food- and sustainability-literate youth as part of Generation Nutrition.

Learning In, About, For Environment

Le Parisien Salon

Tree for Me: Fostering environmental leadership and advocacy

Toronto Parks and Trees Foundation

Toronto Parks and Trees Foundation started Tree For Me as a way to match Toronto homeowners with native trees for their backyards. It quickly evolved into a student-led opportunity to meet objectives of the EcoSchools program by helping green their school neighbourhood and contribute to the overall abundance of trees in Toronto.

Tree For Me provides students an opportunity for experiential learning within their community, while viewing themselves as agents of change. This presentation will focus on curriculum connections, making student voices heard and how EcoSchools can extend their environmental actions to their communities.

Inspiring School-Wide Engagement

Le Petit Salon

Active Transportation Campaigns: Making it happen!

Green Communities Canada

This presentation and workshop will bring Ontario EcoSchools' Active Transportation Campaign Kit to life with inspiring case studies and real life examples, plus the opportunity for brainstorming and discussion around ideas for campaigns and the logistics of implementing them successfully.

Getting Outside

Outdoor Workshops

Presenters

Luce Lepage, enseignante et co-fondatrice du groupe OUICare, a initié le programme ÉcoÉcoles à l'École secondaire Hanmer. Sa passion lui permet de recruter des élèves, membres du personnel, autres écoles et gens de la communauté à s'impliquer dans tout ce qui touche le programme de recyclage, compostage et reverdissement de l'école et de la communauté. Elle est aussi reconnue comme étant la 'Green Queen'.

Lynne Dubeau, enseignante et fondatrice du groupe Mini OUICare a initié le programme ÉcoÉcoles au niveau élémentaire à l'École publique Foyer-Jeunesse en créant un partenariat avec Luce Lepage, du niveau secondaire. Sa vision est de minimiser l'empreinte écologique du conseil scolaire CSPGNO en entier. Elle est reconnue pour ses initiatives vertes qui impactent la communauté.

Tanya Demjanenko is a Grade 5 teacher at the Dr. Eric Jackman Institute for Child Studies at the University of Toronto. She is a former Digital Lead Learner and Math Leader within the Toronto District School Board. Using inquiry and STEAM project learning, Tanya works with children to address local environmental issues, empowering children to become active citizens from an early age.

Sarah Peel has focused her passion for positive change-making on the world of apparel since 2009. With a BES and BEd, Sarah has worked in classrooms, neighbourhood organizations, and social enterprises in Toronto and internationally. She brings all these together through her work in fashion innovation and consumer education in the grade 4-12 program, My Clothes My World.

Mira Lyonblum is Action Against Hunger Canada's National Programs Manager, working to improve the relationship between youth and their environment and food. She is a dynamic facilitator and experiential programmer, and knows that everyone has something unique to give the world - some just need a nudge to find it.

Karine Parvin is the National Programs Assistant and helps to develop Action Against Hunger Canada's newest program, Generation Nutrition. She holds a Master's degree in International Development from France and has recently moved to Toronto. She is a member of Food Secure Canada Youth Caucus and is passionate about food issues.

Margo Mullin is the Program Coordinator for Toronto Parks and Trees Foundation. Margo has been working with a team to develop Tree For Me in communities and schools across Toronto.

Luxshan Ambigaibagan is an Ontario Certified Teacher and graduate student at the University of Ontario Institute of Technology. He is a recent recipient of the Dr. David Suzuki Fellowship Award for excellence in environmental education.

Kate Berry is Senior Program Manager for Active & Safe Routes to School. Kate works with school boards, municipalities, public health and other civic organizations to promote active school travel and implement School Travel Planning in Ontario. Kate is a civil engineer and previously worked for Sustrans, a leading UK sustainable transport charity, where she managed the design and construction of active transportation infrastructure. Kate has also worked in Ontario as School Traffic Plan Coordinator for the Upper Grand District School Board, working with schools to improve traffic safety, reduce vehicle congestion, and increase student active travel.

Armi de Francia is a School Travel Planning Facilitator and has worked as an STP Facilitator serving Toronto schools since 2014. She is skilled at bringing together school communities and municipal stakeholders to promote and enable active school travel. Armi has a Masters in Urban Planning from McGill University where she focused her studies on community engagement. She previously worked at Montreal consulting agency, Convercité, where she conducted traffic studies, and obtained feedback from users with disabilities to improve public spaces and walking routes.

11:20-12:20pm

Building Strong EcoTeams

Versailles Salon

Tips and Strategies! How to motivate more schools to become EcoSchools

Upper Grand District School Board

Have you run out of ideas on how to encourage schools to participate in the wonderful EcoSchools program? In this presentation, you will learn new strategies on how to motivate key stakeholders and create a culture shift in your board and your schools. Implementing positive change requires knowing how to share the vision, provide resources, communicate effectively and provide continuous assistance. You will leave this workshop with your toolbox of ideas replenished and be re-energized to take on the challenge of ensuring the vital skills and knowledge of environmental sustainability reach even more students.

Moving Towards a Low-Carbon Economy

Le Parisien

Driving our Clean Energy Future

Plug'n Drive

Transportation is the key to meeting Ontario's climate change goals. We must help car owners understand the importance of making the switch from gas to electric, including the environmental and economic benefits.

Targeting Zero Waste

Le Petit Est

Let's Talk Climate Change: Opportunity through crisis & making a big difference through small actions

Halton Environmental Network

The presentation will give a dynamic overview on Climate Change, latest data and challenges. It will then focus on the opportunities and teaching strategies schools can take while discussing this challenging topic. With new strategies and engagement we can drive change in schools and in our community. Our presentation will focus on waste mitigation and diversion techniques to reduce greenhouse gas emissions. The successes of the #HaltonWasteChallenge will be discussed. We will present the motivation behind our program, outline the format of the program in schools, highlight some work of past participants, and run a multi-station workshop to demonstrate some of the hands-on options.

Creating healthy schools: food and greening projects

Le Petit Ouest

Hydroponics in the Classroom

FoodShare

Foodshare facilitators will lead a demonstration and hands on activities using content from our newly launched Good Food Machine program, which implements hydroponic grow towers in 14 schools across Toronto. While not a broad spectrum solution to food insecurity issues, hydroponic towers in the classroom serves as a great, year-round growing and learning opportunity to help build nature, food and nutrition connections and foster environmental leadership.

Learning In, About, For Environment

Le Parisien Salon

How to Organize an Eco-Fair: Building nature connection and experience

York Region District School Board

In this session, participants will learn about the journey of an Eco-Fair called Building Nature Connection and how to use an STAO Connex resource called 'Experience Sustainability' as a template for working with students in learning about environmental stewardship and community involvement.

Inspiring School-Wide Engagement

Le Petit Salon

Mobilizing Action Through Global Citizenship Education

High Resolves

A participatory workshop exploring how global citizenship education can be used to mobilize change in people's actions towards the environment. Participants will create and pitch solutions that inspire others to make positive actions that protect the environment.

Getting Outside

Outdoor Workshops

Beau temps ou mauvais temps: apprentissage en plein air (recontrez-vous dans la zone d'inscription)

À venir

Presenters

Karen Acton is an educator with over 25 years of experience as a teacher, principal, and Ministry education officer. She is currently the Environmental Sustainability Lead for the UGDSB and uses her passion and skills to foster a board-wide culture of positive change. Karen is also a doctoral candidate at OISE/UT, researching environmental teacher leadership.

Cara Clairman is the president and CEO of Plug'n Drive. She has 20 years of experience in sustainability and energy, as an environmental lawyer and sustainability professional. In just 6 years she has taken Plug'n Drive from an idea to a thriving not-for-profit that is recognized as a leader in the EV space.

Lisa Kohler is the Executive Director of the Halton Environmental Network. A Climate Realty Leader and community engager discussing climate challenges, strategies, mitigation and adaptation. Ms. Kohler is the orchestrator and facilitator of the Halton Climate Collective a dedicated team driving local climate change. She oversees two successful programs and networks with numerous environmental organizations, municipalities and community members to inspire change and action.

Heather Govender, PhD, OCT, is the Program Director of Halton Green Screens, a program of the Halton Environmental Network. Heather runs environmental film screenings and workshops in schools and the community to inspire environmental stewardship. She strives for a zero-waste lifestyle and shares her experiences online and at events.

Natalie Boustead is a trained teacher and long-time environmental/food justice educator. For the past year, Natalie has worked with Foodshare to implement The Good Food Machine program, based on the highly successful Green Bronx Machine program in NYC.

Michael Frankfort is an elementary teacher working for the York Region District School Board. He is also an executive member of the Science Teachers Association of Ontario, his school's Eco-Lead, a champion of social justice and education, a supporter and presenter about the pedagogy of robotics and a Sci-Fi Geek!

Chantelle Kohn, the High Resolves Program Director for Canada, is a passionate believer in the power of education to create positive change within individuals and society. She has experience in mobilizing youth and adults to take action in Australia, America, the UK and Canada.

Building Strong EcoTeams

Versailles Salon

Finding Common Ground: Conflict resolution for environmental teams
The Ripple Effect Education

Creating lasting environmental change takes a village. Environmental change can happen in a variety of ways, but what happens when that village can't get along to evoke those changes? In this workshop, participants will gain strategies for conflict resolution, mediation and active listening for student leadership groups. Together, these skills can build a strong and impactful team of environmental leaders within your school community.

Moving Towards a Low-Carbon Economy

Le Parisien

Have Green Teens Turned Blue? Changes in adolescent attitudes towards electricity conservation
University of Waterloo

The role of adolescents in the current, and future, story of energy in Ontario prompts an investigation into the attitudes and awareness of this demographic regarding electricity conservation. Are teenagers in tune with current electricity conservation issues? Are they aware of any conservation practices? Or are they simply not interested? This research explores the relationship between factors such as age, gender, parental education, and enrolment in an EcoSchool on the development of pro-electricity conservation attitudes. The findings provide valuable insight into the current state of these attitudes, and how we can best promote them in our students.

Targeting Zero Waste

Le Petit Est

Bridging the Digital Divide
Free Geek Toronto

E-Waste is an issue that is growing rapidly as our society becomes more dependent on the latest and greatest gizmo. Learn about how Free Geek Toronto giving electronics a second life through refurbishment, Open Source Software, and proper recycling practices. Our presentation will go over our process of refurbishing a desktop, from troubleshooting the main issues through sorting the parts to be recycled properly.

We will also spend some time discussing how using Linux can allow people to reuse their own older computers in a safe and secure manner.

Creating healthy schools: food and greening projects

Le Petit Ouest

Urban Trees from Seed
Green Thumbs Growing Kids

Students learn to spot local native trees that produce seed. This seed is adapted to the local conditions in which the tree is growing. The project supports biodiversity within the species, by propagating from seed instead of cuttings. Seed is grown out in classrooms or greenhouses, and planted in a tree nursery on school grounds. Students are (partly) responsible for finding permanent homes for the trees in the community.

Learning In, About, For Environment

Le Parisien Salon

Mindfulness In or About Nature
Peel District School Board

This workshop will guide and introduce a series of guided mindful meditations to educators for the purpose of teaching teachers how they can help their students re-connect with nature. The session will provide a document that teachers can take with them with instructions on how they can deliver mindfulness in their own classes that is themed around or takes place in nature and that fosters a deep love for and understanding of nature.

Inspiring School-Wide Engagement

Le Petit Salon

Défi des eaux Canadiennes
Waterlution

L'eau a construit notre histoire et façonné notre identité canadienne au travers de différentes communautés. L'eau se trouve également à l'intersection de différents thèmes, disciplines et sujets critiques tels que le développement rural et urbain, les droits autochtones, l'alimentation et l'énergie, et l'écosystème dans son sens large. Les ressources en eaux du Canada doivent être mises en avant et c'est pour cette raison que Waterlution a créé cet atelier pour inciter les jeunes à organiser des célébrations de l'eau dans tout le pays ! Les participants adultes quitteront cet atelier avec de nouvelles idées et compétences pour inciter les jeunes à travailler en équipes et prendre en main leurs projets.

Getting Outside

Outdoor Workshops
(meet in the registration area)

Breaking Barriers and Building Environmental Leadership
Peel District School Board Field Centres

Let's discuss how the barriers in your school community are preventing students from getting outside and feeling connected to the natural world. How can we foster their sense of belonging and encourage them to become environmental leaders? Join staff from the Peel Field Centres as they share with you some tips and tools to support cross curricular learning outdoors. The presentation will demonstrate through hands on activities ways to create positive and meaningful experiences for you, your colleagues, and your students in your own schoolyard or community.

Presenters

Katie Gingerich (BA) is the director of TREE, based in the Kindred Credit Union Centre for Peace Advancement. For over five years, she has developed peace education programs for camps and classrooms, and is passionate about giving youth the tools they need to transform conflict and seek justice.

Aaron Holden (BA, BEd, OCT) is a TREE Classrooms facilitator. He has experience teaching outdoor and conflict resolution education programs. He strongly believes in equity and fairness for all.

Samra Amir is completing her Masters of Environmental Studies at the University of Waterloo. She completed her BSc and BEd before working as a teacher for two years. She decided to return to school to pursue her passion for sustainability, and find new ways to integrate education and the environment

Ryan Fukunaga, Executive Director of Free Geek Toronto, has been working in the non-profit and educational sector for the last seven years, with a focus on technology and digital literacy.

Sunday Harrison is the founder and Executive Director at Green Thumbs Growing Kids. GTGK has been operating in downtown east Toronto schools for 18 years, growing food and native plants in school garden ecosystems.

Christine Lynes, a.k.a. CreativeSOULyoga, has taught yoga in and around the GTA for the past 15 years. One of her proudest moments was when she created a movement therapy class for youth with Downs Syndrome at the False Creek community centre in Vancouver B.C. while working for Vancouver Social Services. Most recently, she taught yoga with Brad Warner (Hardcore Zen) at a conference in Toronto, Ontario (November 2017).

Ludiwine Clouzot travaille pour Waterlution en tant qu'agente de liaison avec les écoles et pour le Musée Royal de l'Ontario comme enseignante bilingue. Elle a développé de nombreux jeux, vidéos, ateliers, leçons et spectacles interactifs éducatifs sur le thème de l'eau en combinant la science, le jeu et l'art. Ludiwine a un doctorat en génie de l'eau et plus de 15 ans d'expérience en éducation.

Stephanie Woodworth est une étudiante en Master à l'Université de Toronto. Sa recherche explore les marches de l'eau pour la Terre, notre mère, afin de comprendre comment transformer les relations individuelles et communautaires avec l'eau, de la négligence vers l'amour et la reconnaissance. Elle est actuellement une conseillère jeunesse bénévole pour le Défi des eaux canadiennes (DEC) de Waterlution. Elle a aussi gagné le premier prix du DEC 2016-2017 et sera l'un des deux délégués canadiens à participer au prochain parlement mondial de la jeunesse sur l'eau à Brasilia au Brésil en 2018.

Peel Field Centres staff facilitate learning outdoors for students from across the school board.

2:20-3:20pm

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| Building Strong EcoTeams | Moving Towards a Low-Carbon Economy | Targeting Zero Waste | Creating healthy schools: food and greening projects | Learning In, About, For Environment | Inspiring School-Wide Engagement | Getting Outside |
| <i>Versailles Salon</i> | <i>Le Parisien</i> | <i>Le Petit Est</i> | <i>Le Petit Ouest</i> | <i>Le Parisien Salon</i> | <i>Le Petit Salon</i> | Outdoor Workshops <i>(meet in the registration area)</i> |
| How to Build Your Best-Ever EcoTeam <i>Greater Essex County District School Board</i> | Using Hands-On Renewable Energy Activities to Teach STEM <i>TREC Education</i> | Lunchtime Leadership: Reducing your school's food footprint <i>Humane Society International</i> | Re-Imagine Your School Yard and Depave Paradise <i>Green Communities Canada</i> | Be Inspired by Great Teaching: The best of the Our Canada Project <i>Learning for a Sustainable Future</i> | The Future We Want! <i>Courage Co-Lab Inc.</i> | |
| <p>Five years ago, our EcoTeam consisted of three members who painfully plodded through Silver certification requirements. Today our team includes over forty members who easily complete Platinum certification, hold environmental events, restore local habitats, are called upon as keynote speakers and advise municipal, provincial and federal ministries. Environmental activism is now an important part of our school culture. Our EcoTeam has won local and national awards and EcoTeam members have won scholarships. We'd like to show you how to make these great things happen at your school. Helpful resources will be shared.</p> | <p>Participants in this workshop will work in small groups to build miniature wind turbines. This competitive activity has an engineering twist to identify the "best" wind turbines using a variety of factors such as stability, electricity produced and style. What team will have the most efficient wind turbine? We will find out who!</p> | <p>This presentation will review the impacts of our food choices on the environment, focusing on the harmful consequences of modern animal agriculture. We will talk about how schools can play a pivotal role in promoting sustainable eating by educating students about the connection between food choices and climate change and by making plant-based foods more accessible. Participants will hear about initiatives across North America and learn how Ontario schools can lead the way in guiding students towards foods that leave them feeling better both mentally and physically.</p> | <p>Depave Paradise Projects reconnect school grounds to the natural hydrological cycle and cool their surroundings by reducing the heat island effect. Participants learn about stormwater runoff and benefits of green spaces, among them their role in filtrating pollutants and keeping our waterways clean. Join us to re-imagine your school yard and find out how to host a depave project, and what funding opportunities and partnerships are available.</p> | <p>The Our Canada Project gathers examples of student learning for engaged citizenship from across the country. We will analyze these examples to tease out the specific learning strategies that you can apply in your own work to transform learning. Participants will walk away with practical engagement methods and transformative learning strategies that you can use with any group of learners and access to the largest searchable database of designed learning programs on environmental, economic and social issues.</p> | <p>Using visualization and embodiment activities, this workshop is geared toward young Canadians (15-18) designing an idea or intervention to make a difference locally. Award winning urbanist and community builder, Denise Pinto, will lead small-group brainstorms about environmental challenges close to home, and then guide participants to use their bodies (and their five senses) to imagine a future in which they have everything they need to solve the issue. Possibilities will be brought to life through body-based movements that access internal insight, allowing for a creative, expressive journey from concept to prototype.</p> | |

Presenters

Lisa Jeffery is a Science teacher from Leamington District Secondary School. She has been the EcoSchools lead for more than half of her 22 years of teaching. Connecting students to the outdoors is her passion.

Brianna Jackson is a graduate of Leamington District Secondary School, where she developed her leadership skills as part of the LDSS EcoTeam. In 2015, Brianna was named the Earth Day Canada Youth Hometown Hero for her dedication to promoting environmental sustainability. Currently Brianna is completing an internship at Point Pelee National Park as part of her Honours Bachelor of Environmental Science degree at Queen's University.

Kelly Park oversees TREC Educations' annual fundraising and school events, manages the organization's communications strategy, engages our online communities and is our in-house graphic designer, photographer and custom birthday card creator.

Abasi Sanders manages TREC Educations' Classroom and Field Trip Programs, oversees our facilitators and develops and delivers our curriculum content. Originally from Michigan, Abasi has worked in education in various capacities for more than 10 years in North America.

Julie MacInnes is a campaign manager with Humane Society International/Canada, which together with its affiliates is one of the largest animal protection groups in the world. She works to protect wildlife, and supports institutions in offering plant-based food options that are better for the environment, the animals, and human health.

Rose Bergeron is responsible for overseeing Depave Paradise, Canada's depave initiative. An experienced project manager, she has worked in the environmental sector and on community engagement projects for the past 15 years. Her environmental articles have been published in French-language publications. Her interests include sustainable diet and small-footprint lifestyle.

Joanne Huy is a Bachelor of Environmental Studies graduate from York University, specializing in Environmental Management, in addition with a Sustainable Energy certificate. She endeavours to explore sustainability issues and challenges in 21st century education and to promote student leadership and youth empowerment.

Denise Pinto is the Creative Director of Courage Co-Lab. She helps business leaders tackle complex questions through play. She has lectured in Vienna, Hong Kong and Chicago about community action. She sits on the Board for MABELLEarts, a charity that transforms parks in low-income neighbourhoods. She was formerly the Executive Director of Jane's Walk.