



Upcoming Events

Making a Difference: BL Speaker Series

February 18th, at 1:30 pm AST: **Designing with Nature-** with interdisciplinary artist **Tosca Terán**

We are pleased to announce our next speaker series session with **Tosca Terán**, an interdisciplinary artist. We are looking forward to welcoming Tosca to share her amazing projects, vision, and ideas that blend art, science, and engineering boundaries.

Her work inspires us to explore the wonders of many subject matters, such as ecology, art, electronics, microbiology, sustainable design, and music production.

Please join us on **Thursday, February 18th, at 1:30 pm AST.**

Students, Teachers and parents are encouraged to join independently or in groups.



Learn more and register Individually or as a Group [HERE](#)

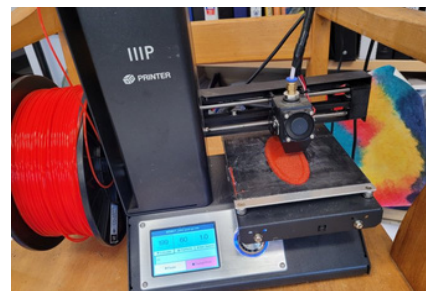
Read Brilliant Labs Magazine: Making Connections

PROJECT INSPIRATION

Grade 4/5 students at Oldsfield Consolidated School took advantage of the natural building materials outside their school to create structures!



Kelly Cyr's grade 6 class at Kingswood Elementary were introduced to 3D printing through virtual sessions with Brilliant Labs using Tinkercad. Students will use what they learned to plan, design and print toys or model structures.



LOCAL EVENTS

In-person after school programs at the Brilliant Playground in Sydney, NS. Spaces are limited so email rachael@brilliantlabs.ca to save your spot.

Cricut Valentine's Day Crafting
February 11th, 2021 (grades 4 to 6) 3:30-5:30

Vacuum Forming (Hot Chocolate Bomb)
February 18th, 2021 (grades 6 and up) 3:30 to 5:30

Laser Cutting Glass
February 25th, 2021 (grades 10 to 12) 3:30 to 5:30



INSPIRATION MAKER:

Do you know a teacher who inspires students by trying new teaching methods, projects, technology, or other hands-on learning activities? If so, email info@brilliantlabs.ca SUBJECT: Inspiration Maker, to be recognized in our monthly newsletter & social media channels. Remember to tell us why & include a photo!

More Upcoming Events

COMMUNITY OF THE FUTURE CHALLENGE



Design your community today!
Create a community of the future or solve a real world problem facing your community and the planet!

Our innovation challenge is built around the importance for students to understand social issues and how people from our communities are affected by them. It is important for our students to understand the ethics and risk factors if we do not take action to achieve the UN SDG's goals. By understanding the key factors that influence climate change and it is affecting their communities, students can find innovative solutions by creating products, developing new technologies that all lead to fostering innovation and creating economic opportunities in the long run.

follow us on our social media to keep informed. www.brilliantlabs.ca/subscribe

Monthly Coding Challenges

This year Brilliant Labs will be challenging teachers and students to code stories, games, apps, robots, and more! Visit brilliantlabs.ca/nscodes monthly for new code-to-learn challenges and resources!

Asynchronous Professional Learning

Our team of Brilliant Pedagogues led by Natacha Vautour, Alisha Collins, and Jacob Lingley developed a series of 22 sessions available to teachers from across Atlantic Canada.

[View Here](#) or contact jacob@brilliantlabs.ca

Natural Making and Outdoor Education

Are you looking for help implementing outdoor education with your curricular outcomes? Let us help you! Please contact michelle@brilliantlabs.ca for more information and see how you can get started with **Natural Making!**

Inspiration Makers!



This year Brilliant Labs is looking for those teachers who inspire others to be their best, and who are taking chances to try new things to educate students. We're pleased to share this month's Nova Scotia "Inspiration Maker!"

WHO: SANDRA GATES
WHERE: COXHEATH ELEMENTARY
TWITTER: @SMLEBLANC40

Sandra has been the makerspace lead at Coxheath Elementary since their space began in 2016. Whether it's Ukrainian egg painting, or building graham cracker cities to scale - she is always coming up with ways for students to strengthen their creativity and teamwork skills. She is a big believer in the power of hands-on learning for all students, but has had tremendous success using maker-centred activities to help struggling students to focus, regulate their emotions, and feel



accomplished in their creations. She is a real trailblazer; bringing the first Makerfaire to Cape Breton in 2019, and also starting a new Makerspace at a school in rural Newfoundland last year.

ROBOTZ GOT TALENT CHALLENGE



Join this fun robotics challenge for your students! Build and code a robot using sensors and our bBoard! Let's have our own virtual robot talent show! This virtual event will be held during our virtual Student MakerFaire before the end of the school year. Teacher PL will be available and also virtual classroom sessions. For more information on our challenge or to pre-register and receive an early bird kit ; reach out to natacha@brilliantlabs.ca

The Canadian Space Agency NEEDS YOUR HELP!

Together we can reach the next generation of space explorers, scientists and engineers. By taking the CSA survey, you will let us know the best ways to connect with teachers and other educators. [Visit HERE](#)



Suggestions and past projects include but are not limited to:

- A 3D printer for a mathematical art project
- A button maker for an awareness campaign
- Sewing kits for hands-on science systems
- Personal microscopes and petri dishes for microbiology exploration
- Micro-controllers for animatronic dioramas
- A 3D printer for designing simple machines and/or assistive technology
- Paper-making equipment for environmental action
- Micro-controllers for designing interactive posters
- Funding to start a First Lego League team
- A Greenhouse for environmental and biological exploration
- Model rockets to study flight and forces
- Supplies to build working arcade games
- Specialized tools to build cardboard structures

Get started today! For more information and to apply:
www.brilliantlabs.ca/funding

Project Grants

Brilliant Labs has a number of Project Grants of up to \$500 to distribute to Nova Scotia schools this year. We are reaching out to you so that your students can benefit from this program. The project grants are for a classroom (any grade) to purchase equipment needed for a hands-on maker-education OR technology integration project in any subject. The grant includes optional virtual in-class support, and teacher PL with one of our program specialists. We will also work with you every step of the way to help with project ideas, curriculum connections, and the quick and easy application process



In addition to offering project funding and support, we are also pleased to provide virtual in-class or teacher PD sessions to support the integration of technology and resources currently in your school from EECD initiatives (e.g. Beebots, Dash robots, Spheros, Codey Rocky).

Please do not hesitate to reach out to us if you have any questions.

sarah@brilliantlabs.ca

