



Green Bricks Education Society Annual Report 2015-2016





A Message from Co-Executive Directors

Diana Klein and Fiona Zawadzki

THANK YOU to our board, membership, clients and funders for supporting Green Bricks Education Society for the past 2015-16 school year. With your support we were able to engage over 10,000 elementary and secondary school students throughout BC in understanding the importance and benefits of environmental sustainability through the lens of our built environment in their lives, schools communities, and globally.





Green B10cks for Grade 10

This school year **2015/16** we delivered to 200 classes reaching over 5500 grade 10 students with our live in-class program.



Since 2007, Green B10cks has been engaging students to understand the importance and benefits of sustainable building issues in their schools and communities. This workshop leads students, through a series of interactive activities, in investigations around sustainable building design (transportation, energy, water, materials, site and waste). Students discuss policy change and civic action and learn ways in which they can help make our built

environment green. Green building continues to be a fast changing, leading edge industry and as understanding and awareness of issues facing our future increase we continue to ensure our program is challenging the students on relevant and current issues such as energy and waste reduction challenges.

Schools were reached in Richmond, Abbotsford, Mission, Vancouver, Coquitlam, Port Coquitlam, Delta, Port Moody, North Vancouver, New Westminister, Victoria, Burnaby, Penticton and Kelowna.

Testimonials ...from the teachers

"The fact that the students were engaged was the best part of the workshop. The workshop was informative and practical and the facilitator was amazing. She really connected with the students."

"The students loved the workshop! It was the best presentation of the year, according to the students and it was very interesting."

...and the students

"I liked how the speaker told us about what we can do with buildings and about our drinking water. I learned a lot that I never knew before."

"I thought it was a great way to teach us about what we can do to save the planet."





Green Bricks H₂O for Grade 4

We had a very great year delivering 130 of the Green Bricks H₂O programs (our grade 4 classroom workshop on appreciating, conserving and understanding of water). We reached over 3,600 students this school year.

Since 2011, Green Bricks H₂O has been offered to grade 4 classrooms. This curriculum-connected workshop engages students to understand the importance of water in our lives and how we can manage water sustainably into the future. The H₂O workshop explores the role water plays in our lives; nature's job of recycling water; how climate change is affecting global access to water; and explores solutions for sustaining future access to water. Activities include "Sink or Swim?" (water trivia game), "Dirty Water" (explore access to clean water), and "Tap Dance" (exploring BC's pristine tap water).

Last year we launched an **online water audit competition** for grade 4 students to encourage action and assess the impact of our program. The students are challenged to track their water use in the bathroom demonstrating that they are implementing conservation strategies learned from the Green Bricks presentation and subsequently share these success and strategies with their families. To encourage participation, we have a challenge that for every student who completes this audit, his or her class gets an entry into our "SAVE WATER, EAT PIZZA" competition. To see the audit (and take it yourselves), visit www.greenbricks.ca/water



Testimonials:

"What a great demonstration of how amazing our tap water is. My students won't be encouraged to drink bottle water in my class now!"



"The students LOVED our presenter and she was so knowledgeable and gave so much information in such a short time."

"GREAT workshop! The students especially loved the toilet water activity."

"I loved the clear demonstration of how pristine our water is with the taste test of water compared to the salinity of Yemen's water. Very effective!"



Delta's Waste Not for Grade 5

This interactive and curriculum-connected workshop was developed in the Fall 2014 to engage Delta's grade 5 students to understand the issues around garbage in our region. It was designed to raise student awareness on issues such as Metro Vancouver's Zero Waste Challenge and how we can re-frame garbage to become a future resource. Our workshop topics include the 3Rs, in particular how important it is to reduce and re-use our resources, including the 'how to' for recycling and composting, and solutions for sustainable waste management in our built environment. In Delta we focused on helping the young residents (and in turn helping their parents) learn what can and cannot go in the municipal organics program, changes to recycling that affect BC, and to explore waste issues in our built environment.



Testimonials

"I am so pleased this program is offered to our schools as this supports our zero waste efforts!"

"Can I book my class for next year? I don't want to miss this opportunity."

"The students love the garbage sorting and BINGO game. Students continued to remind students where recycle items go."

100% of teachers surveyed said they would book again next year.



Green Collar Futures

What do YOU want to BE when you finish school?

Our 3rd Annual Green Collar Career Conference called Futures was held at the Hilton Metrotown on Saturday February 13, 2016. This was offered free of charge to students in grades 10-12 and students from all across the Lower Mainland attended.



The "green economy" is changing the face of the workplace in BC and around the world. This day is dedicated to students in grades 10 to 12 to learn about exciting and endless career opportunities. **Futures** allows youth to interact with career mentors from various sustainability related careers who have excelled in and are passionate about their green careers.

greenbricks
GREEN COLLAR FUTURES
Free Career Conference for Grades 10-12 Students

The "green economy" is changing the face of the workplace in BC. Learn about exciting and endless career opportunities.

MORE than a career fair, this conference connects you with dynamic people thriving in a green collar career.

Choose interactive "breakout" sessions and explore careers in:
Environmental Engineering • Sustainable Transport • Eco Tourism
Natural Resources Management • Renewable Energy
Environmental Law • Sustainability Education • Urban Agriculture
Green Products Innovation • Environmental Economics
and many more...

Lunch and Prizes

EVENT DETAILS:
9:00am - 2:30pm,
February 13, 2016

Hilton Metrotown
6083 McKay Avenue, Burnaby

Registration is very limited and a school limit may apply. Register at:
www.greenbricks.ca/Futures

BC Hydro, FORTIS BC, and other sponsors are listed at the bottom.

This interactive career workshop was offered free of charge to young people in grade 10-12. Over 150 students had the opportunity to:

- Meet and interact with amazing and successful people who shared their sustainability career paths in 5 breakout, roundtable sessions. 30 career mentors shared their career journeys, detailing education requirements, job prospects and salary expectations.
- Learn about emerging sustainability career opportunities in BC and Internationally;
- Find out what it takes to reach their goals; and,
- Practice networking skills.

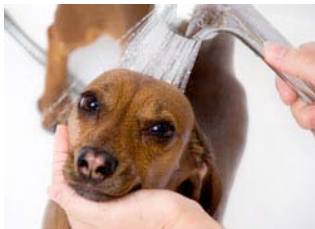


Other Programs and Events

Talking Water for Adult ESL schools

In its 3rd year and offered in Abbotsford/Mission is the program called Talking Water for Adult ESL students. This program has a focus on helping our new residents learn how the Abbotsford/Mission Water and Sewer Services manages our water supply and what we can do as residents to appreciate and conserve this valuable resource. We have reached 8 classes this year through the Abbotsford Community Services. Again the program has been really well received and we have had positive feedback from both students and teachers.

Water Week Day Event in Abbotsford



On May 6, 2016 Green Bricks delivered, in partnership with Abbotsford and Mission Water and Sewer Services, a water week day “Water Heater” for grade 4 students. We recruited student volunteers from Abbotsford Senior Secondary School and Abbotsford Traditional who worked with us leading the grade 4 students in stations to learn about water in the regions. The students rotated through 7 stations that included crafts, trivia, life size board game, water filter demonstration, walk for water game, Watershed game, and a tour of the Abbotsford Centre where rain water is

collected for the ice surface in the rink.

City of Vancouver Family Day

On September 19th, 2015 Green Bricks hosted a booth for ‘Water Design’ at the City of Vancouver for their Family Day. We had a series of fun and interactive water activities for the young and the older – and it was a celebration day of rain after a long hot summer!



Shoreline Clean-up



On April 10th Green Bricks members partook in a shoreline cleanup in South East False Creek starting at the Olympic plaza – a sunny day was reported and (sadly) lots of garbage found. Thanks to all who participated. We will be scheduling again and would love to see members there.



THANK YOU

With your support we were able to reach over 10,000 students...



BC Community Gaming "We acknowledge the financial assistance of the Province of British Columbia"

Knight Piesold Consulting

D.Kelly Environmental Consulting Ltd

All of our Members who donated to the Futures Conference 2016



BALANCE SHEET

Statement of Financial Position

Year Ended 31 July, 2016

ASSETS

Cash, bank accounts, and short term investments	\$9,989.62
Investments	\$0.00
Amounts Receivable	\$7,744.00

Total	\$17,733.62
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LIABILITIES

Accounts payable	\$0
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Total	\$0
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STATEMENT OF OPERATIONS

Year Ended 31 July, 2016

REVENUE	
Contributions	\$178,307.17
Interest	\$45.30
Total	\$178,352.47

EXPENSES	
Staff, Professional and Consulting Fees	138,196.11
Insurance	2,244.88
Conference Hard Costs	10,811.21
Office Supplies, and expenses for workshops	5,762.61
Travel	3,604.04
Total	\$160,618.85

Excess of revenue over expenses	\$17,733.62
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