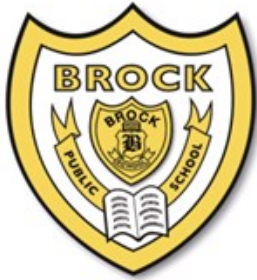




BROCK BULLETIN

Special Edition: July 2017



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Brock's Inquiry-Based Learning Environmental Summer Program

It has been a very fun-filled and busy Summer Program at Brock! We have had so many different inquiry projects throughout these ten days including investigating how to protect the birds in our community and how to protect our environment and our planet.

Some classes learned how to prepare healthy foods, how to care for our rooftop garden and how we can use what we grow. Students even learned about renewable and nonrenewable sources of energy and baked their pizzas in a solar oven! Older students were able to construct a scooter rack and a storage bench using STEM.



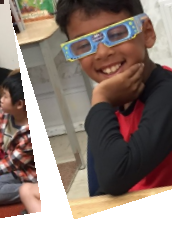
Thank you to all of the teachers for their enthusiasm and continuous efforts in providing exciting and positive learning experiences for our students and thank you to all of the students who participated in our summer program and who came to school ready to learn. Thank you to our clerical in the office, Ms. Michelle, who made sure that our safe arrival program ran smoothly. Finally, thank you to all of our volunteers and parents who supported various classrooms throughout our program. We hope that all students had a fun time learning with us this summer. We enjoyed seeing so many enthusiastic and happy faces each day.



Enjoy the rest of the summer! Be safe, have fun, and relax. All the best to you when school starts again in September!

Kortright and Mad Science Fun

Our students had a special trip to Kortright Centre for Conservation where they learned about a wide range of topics including archaeology, GPS mapping, and art. We also had hands on workshops from Mad Science, as well an exciting and informative show called Up, Up, and Away!



Ms. Atkinson's JK/SK Class: We focused on the question "How can we help protect the birds that live in our Brock Public School community?" Students broadened their environmental awareness by exploring how cities can be harmful to birds. We discovered ways they can care for, show respect, and take action to make the community safer for birds. Students took action by constructing bird feeders using recycled materials, building bird baths, crafting window clings, and creating nests using natural materials.



Ms. Karmazyn's SK/1 Class: Our class learned about the importance of protecting our environment and how we can positively impact our planet. We showed responsibility and stewardship for the environment by taking care of our rooftop garden and planting mung bean and radish seeds in our classroom. We learned about the art of nature, and how art can be created all around us. We visited our rooftop garden to create art and choose our favourite toppings for our pizzas.



Ms. Landry's Grade 1 Class: We had fun learning about healthy food, plants and our environment. We used Canada's Food Guide and prepared a salad with a vinaigrette salad dressing (DE-LICIOUS!!!), decorated flower pots and planted seeds in them, created colourful bugs, built a unique garden with recyclable materials, and went on 3 field trips (Kortright, Bloor-Gladstone Library and No Frills). We wish summer school was longer than 10 days!!!



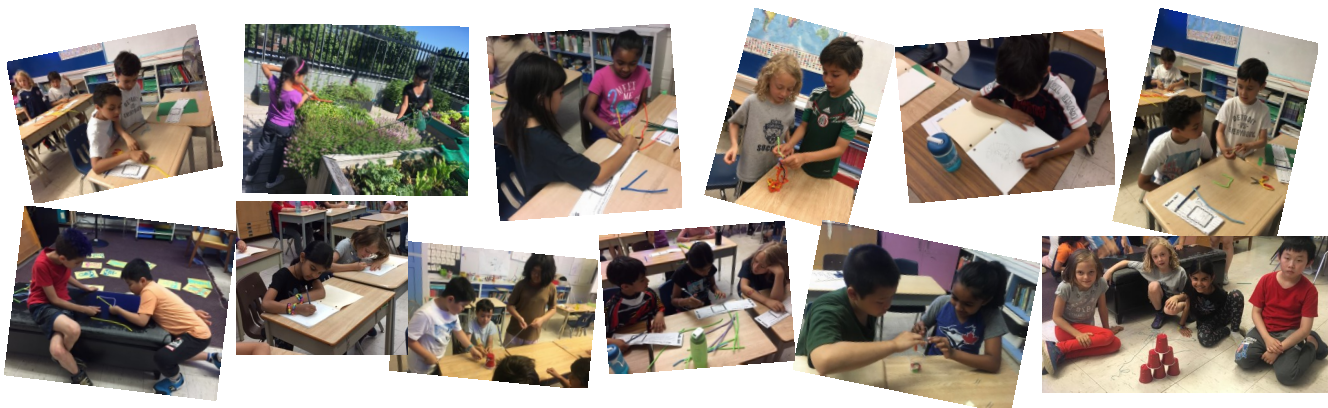
Ms. Moreiro's Grade 2 Class: The grade 2's inquiry was to make a safe terrarium for our class pet Bakon, without the use of electricity and human care. We created and made model terrariums with sustainable gardens. We used water from the rain, fresh air with wind turbines, poop and scoop compost and heat lamps with solar panels! We had a busy two weeks and celebrated with our very own Mint Chocolate Chip Pops!



Ms. da Silva and Ms. Kondo's Grade 3 Class: The Grade 3's had a great time learning about plants, food, and the environment! They planted seeds in different conditions and observed their growth, made yummy recipes using ingredients from the rooftop garden, learned about how pizza ingredients get to their table, and completed some STEM challenges. It was a fun and busy time in Room 9!



Ms. Evelyn's Grade 3/4 Class: The Grade 3/4 class participated in an inquiry into energy and learned about renewable and non-renewable energy sources. We created solar ovens and cooked up some treats on the rooftop garden. We participated in STEM challenges that required us to communicate, innovate, and work together to persevere through some difficult problem solving. It's been an 'energized' ten days at Brock PS!



Ms. Kingman's Grade 4/5 Class: We investigated the problem of water pollution and learned that there is trash practically everywhere in the ocean and that it is very difficult to get the oil out of the water. We also learned that not everyone in the world has access to clean water for drinking, cooking and bathing. We are committed to being more aware of these issues and doing what we can to help solve the problems. We also really enjoyed our trips to Kortright, Dufferin Grove Park and the Bloor-Gladstone Library.



Mr. Le's Grade 5/6 Class: This past July, summer school students from the grade 5/6 class learned about various environmental issues through an inquiry based learning model. Students integrated literacy, art, drama, technology and media to examine a current environmental issue. Students also attempted to come up with solutions to some of these issues through a science, engineering, math and technology (STEM) lens.



Mr. Williams' Grade 7/8 Class: Welcome to Mr. Williams' room! This summer we had a lot of fun engaging in many different hands-on activities. Using the Design Tech room and the Woodshop, the students were able to construct scooter racks from PVC piping and a storage bench to be used for current and future students at Brock. We also used STEM initiatives to look at current environmental issues and collaborate on potential solutions. Great work everyone!

