



**Brock
youth
university**



SCIENCE & TECHNOLOGY STREAM

3-DAY OVERNIGHT TRIP FOR GRADES 5-8

MAY & JUNE (MONDAY & WEDNESDAY ARRIVALS)

Overnight Spring University Camp

Our Science and Technology camp provides an opportunity to transition into a higher grade by experiencing hands-on workshops in real University labs. This trip is tailored to inspire a desire to learn in your students through science experiments, real world technology applications and hands-on activities all while experiencing post-secondary life. Students will have an opportunity to participate in biology, chemistry, and coding activities in a fun and engaging way.

Inclusions

During your stay, you will experience:

- University student mentors to lead programming from morning to night.
- An all-you-can buffet in a residence dining hall provides a nutritious and delicious variety of choices for 6 meals during your stay. Our dining hall is vigilant about food allergies, and we are happy to accommodate vegan, Halal, nut-free, lactose-free and gluten-free meals.
- Don't forget to fill out the dietary requirement form prior to your trip if you require any of these accommodations.

- A two-night stay in a University residence building. This residence is nestled in the heart of campus and provides a safe and manageable space for you to supervise your students on a locked floor. Rooms have twin beds with linens and pillows, WIFI, and a shared washroom.
- Campus security monitors our campus 24 hours a day, and all exterior doors to the residence are locked each night.
- An opportunity to experience real university science and computer labs during hands-on and engaging modules.
- A Youth University T-shirt to wear during your stay so that you and your school stand out as a team.

Optional Features

Schools have the option to choose additional features to create an even more memorable trip:

- Swimming in Brock's Olympic size swimming pool, equipped with diving boards of various heights, a 5-meter jumping tower, and a swinging Tarzan rope. A visit to Niagara
- Falls' Clifton Hill (\$) An additional T-shirt for your stay (\$) An additional lunch upon arrival (\$)

SCIENCE & TECHNOLOGY CAMP ITINERARY

FIRST DAY

ARRIVAL (11:45 A.M.)

Eat packed lunch & Move-in

Students will be moved into their residence and given the opportunity to grab any items they may need for the day.

**Note move into rooms time occurs based on housekeeping completion anywhere between your arrival and 4:00pm.*

Opening Ceremonies & Group Time

Kick off your trip in a giant lecture hall built for hundreds. Split into groups and meet your mentor.

Campus Tour

Explore all that Brock's campus has to offer post-secondary students. Keep your eye out for Sir Isaac Brock along the way.

Bottle Rockets

Test your aerodynamics design to see who can launch their rocket the highest.

3-D Design

Create 3-D images using out 3-D pens and watch your imagination come to life instantly!

DINNER (5:15 P.M.)

Evening Program

Large group games within your school which promote collaboration, trust, communication and fun

Evening Social Event (7:30 p.m.)

As a school, choose a hosted event: mini games, dance, structured gym time, swimming, campfire, evening hike, or movie night.

SECOND DAY

BREAKFAST (7:15 A.M.)

Game Design

Put your coding skills to the test as you create your own video game in this extended workshop.

LUNCH (12:00 P.M.)

Sustainability

Test for water quality and learn about climate change.

Chemistry

Mix polymer molecules as you create your own bouncing polymer ball!

Biology

Test your surgery skills by removing a tumor from a brain in this biology workshop. We hope you have steady hands!

Ecology

Dissect an owl's dinner to understand food webs.

DINNER (5:15 P.M.)

Egg Drop

Use experimental inquiry to design and test the most secure structure to keep your egg in one piece.

Evening Social Event (7:30 p.m.)

As a school, choose a hosted event: mini-games, dance, structured gym time, swimming, campfire, evening hike, or movie night.

THIRD DAY

BREAKFAST (7:15 A.M.)

Physics

Experiment with static electricity, lights, and circuits.

Closing Ceremonies

Cheer with your friends and reflect on your experience as you enjoy a slideshow of pictures from your time at Brock.

LUNCH (11:15 A.M.)

DEPARTURE (12:00 P.M.)