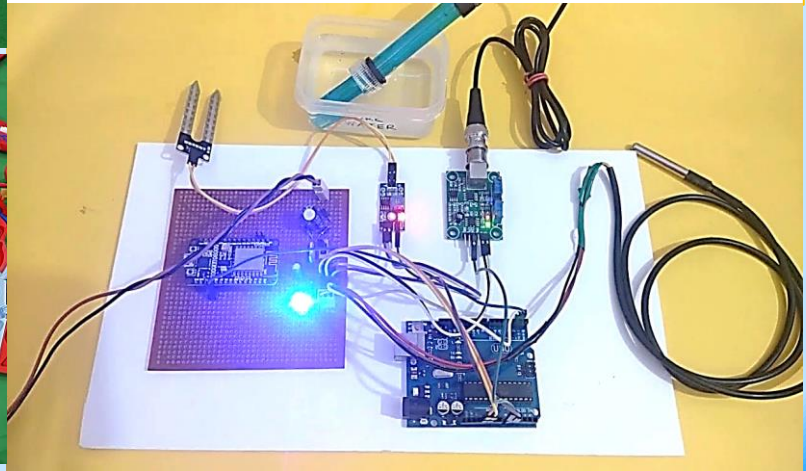
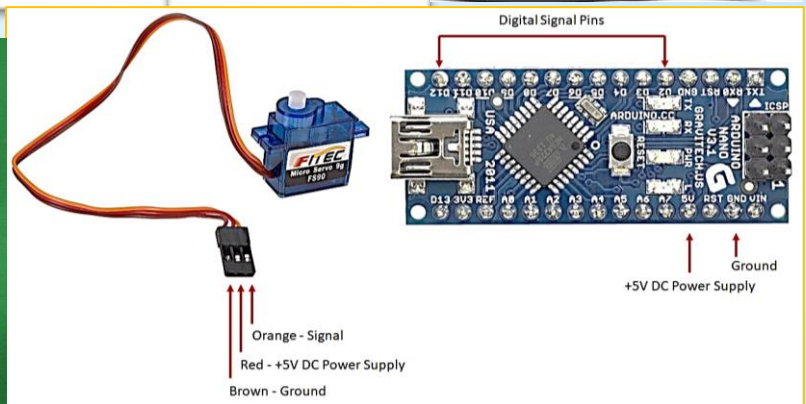
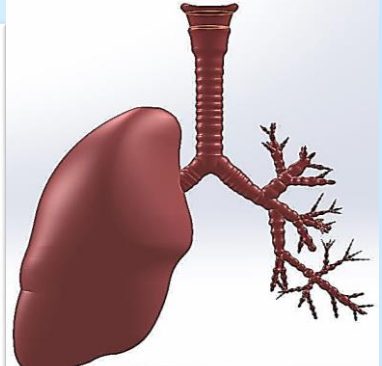
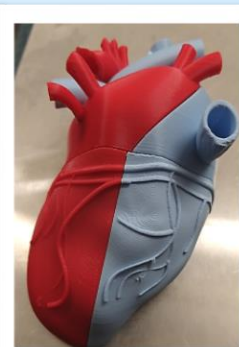
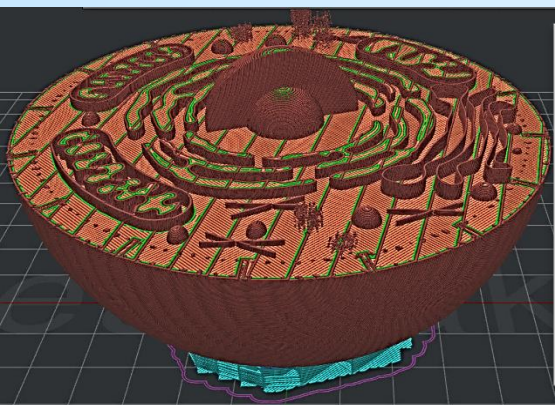
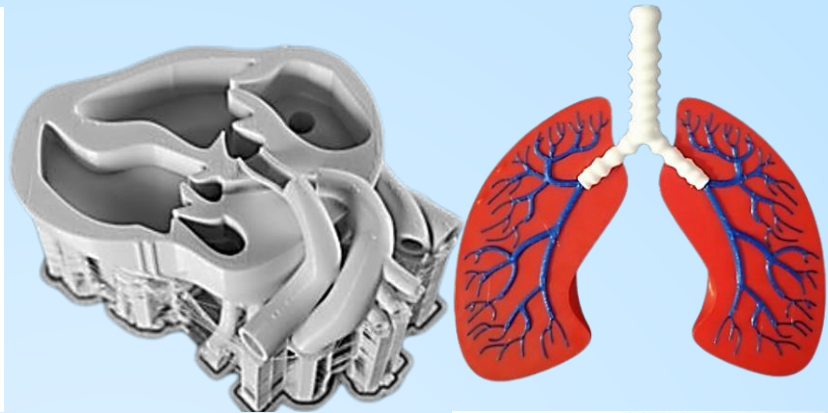
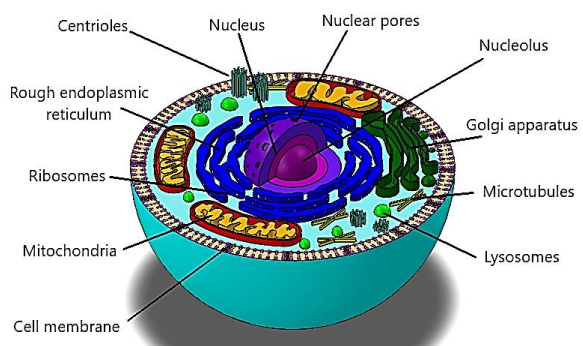


2024 Educational Summer Camp (York University, Toronto, Canada)

7th July to 21st July, 2024



2024 Educational Summer Camp (York University, Toronto, Canada)

WHY CHOOSE THIS EDUCATIONAL SUMMER CAMP?

This educational summer camp is organized by Professor Solomon Boakye-Yiadom and 3D Unitus at the Lassonde School of Engineering, York University, in Toronto, Canada. It offers a unique international experience and an inclusive environment for students in grades 8 to 12. This experiential camp engages students including the use of state-of-the-art equipment and facilities to explore the different programs in Science, Technology, Engineering, Arts, Mathematics, Business and Entrepreneurship (STEAM-BE). This exposure helps participants to gain experience on the different programs and careers in STEAM-BE. Certificate of Participation is given to all participants who complete the full program which is an A+ for applying to universities in North America. The different projects undertaken by the students help develop their project management and presentation skills, entrepreneurial and leadership skills, and career development. There will be workshops held by experienced facilitators on how to gain admissions into Canadian Universities including opportunities for scholarship applications.

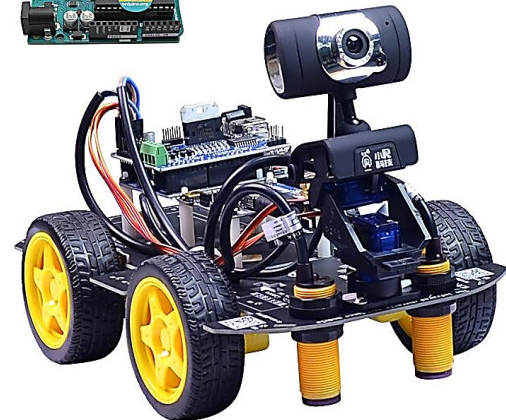
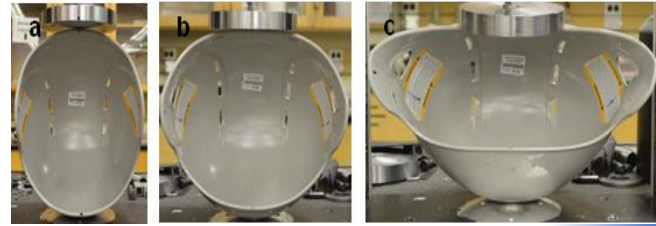
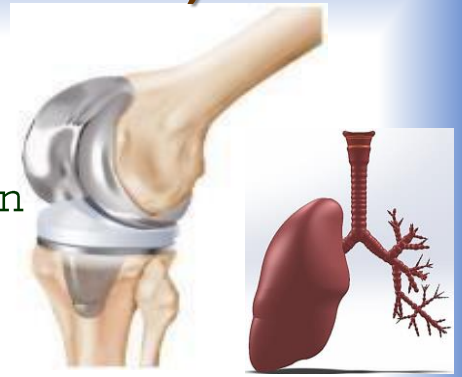
STAFFING AND ACCOMMODATION

The Summer Camp has experienced STEAM-BE mentors who are fun, energetic and interested in ensuring that each participant achieves the objectives of the camp! It is our priority to provide safe, inclusive, fun and caring environment for each person at the camp while exploring Toronto and Canada. Our staff are certified in Standard First Aid & CPR-C, University Teaching and Student Mentoring. Mandatory York University Campus lodging will be provided for all participants.

2024 Educational Summer Camp (York University, Toronto, Canada)

Selected Educational Projects

- ❖ Studying Impact Absorption Of Helmets Using Sensors (Concussion And Traumatic Brain Injuries)
- ❖ Study And Characterize Advanced Materials Used For Medical Implants (Biomaterials For Medical Applications).
- ❖ Design And 3d Print Biological/Chemical Models (Decoding Stem/Advanced Manufacturing).
- ❖ Design And 3d Print Robotic Arms (Robotics/Mechatronics/Advanced Manufacturing).
- ❖ Teach A Computer To Recognize Faces Using Arduino Nano And Micro Bit (Machine Learning And Artificial Intelligence)
- ❖ Use Of Drones To Capture And Document Events In Science And Sports (Journalism And Media Coverage)
- ❖ Entrepreneurship & Business Commercialization (Potential Business Students)



<https://www.banggood.com>



[/orthoinfo.aaos.org](http://orthoinfo.aaos.org)

Selected Workshops

- ❖ Leadership and Team Work
- ❖ Career and Professional Development
- ❖ University Admissions and Scholarships
- ❖ Engineering Design
- ❖ Workplace Health and Safety
- ❖ Entrepreneurship and Commercialization
- ❖ Standard First Aid and CPR-C

2024 Educational Summer Camp (York University, Toronto, Canada)

**IS YOUR CHILD
UNSURE OF WHAT
TO BE IN THE
FUTURE OR WHAT
PROGRAM TO
PURSUE IN THE
UNIVERSITY?**

**DO YOU REALLY
WANT TO KNOW
MORE ABOUT THE
DIFFERENT FIELDS
IN STEAM-BE?**

**ARE YOU
INTERESTED IN
SCHOOLS IN CANADA
AND USA?**

**THEN THE 2024
EDUCATIONAL
SUMMER CAMP IN
CANADA IS FOR
YOU!**

GRADES 8 TO 12

We present an exciting
Educational Summer Camp
for students

15-Day Summer Camp
—

@ York University,
Toronto, Canada

7th July to 21st July, 2024

Deadline To Apply And Submit All
Required Documents
December 20, 2023

To Inquire or Apply,

1. Visit

<https://www.3dunitus.com/>

2. Contact the number below on
WhatsApp or Call:

+1-647-531-9073

3. Email:

3dunitus@gmail.com

2024 Educational Summer Camp (York University, Toronto, Canada)

PROGRAM DETAILS

- During the 2-week period, students will work on Science, Technology, Engineering, Arts, Mathematics, Business and Entrepreneurship (STEAM-BE) projects under the guidance of trained mentors, graduate students and experienced Professors in STEAM-BE.
- Projects will be interdisciplinary, and students will be challenged to apply their knowledge in STEAM-BE to realize the objectives of their projects. These are experiential projects with the learner-centered approach.
- In addition to engaging projects in STEAM-BE, students will visit historical sites such as the CN Tower, Royal Ontario Museum, Niagara Falls and other Canadian Universities to give them a good Canadian experience. The camp will also include workshops to introduce students to STEAM-BE disciplines and career choices in addition to the admissions (application and financial aid) process for Canadian Universities and Colleges. Mandatory York University Campus lodging will be provided for all participants.

Selected Educational Projects

- ❖ Study And Characterize Materials Used For Medical Implants
- ❖ Design And 3D Print Biological Models Design And 3D Print Robotic Arms
- ❖ Teach A Computer To Recognize Faces (Machine Learning And Artificial Intelligence)
- ❖ Use Of Drones In Sports Journalism And Media Coverage
- ❖ Entrepreneurship & Business Commercialization

2024 Educational Summer Camp (York University, Toronto, Canada)

PROGRAM SCHEDULE

DAY 1

- Arrive at Pearson International Airport, Toronto, Canada.
- Dinner at York University
- Settle at Dormitories

Day 2

- Breakfast: 7:30am – 9:00am
- Orientation: 9:00am – 11:00am
- Lunch: 12pm – 1:30pm
- York University & Labs Tour: 2pm-5pm
- Dinner: 5pm – 7pm
- Proceed to Dorm: 8:30pm

Day 3

- Breakfast: 7:30am – 9:00am
- Introduction to Projects and Mentors: 9am – 11:30am
- Lunch: 12pm – 1:30pm
- Projects Begin: 1:30pm – 5pm
- Dinner: 5pm – 7pm
- Proceed to Dorm: 8:30pm

Every Monday, Tuesday, Thursday

- Breakfast: 7:30am – 9:00am
- Projects: 9am – 11:30am
- Lunch: 12pm – 1:30pm
- Guest lecture/ Company Tour: 1:30pm – 6pm
- Dinner: 7pm – 8pm
- Proceed to Dorm: 8:30pm

Every Wednesday

- Breakfast: 7:30am – 9:00am
- Projects: 9am – 11:30am
- Lunch: 12pm – 1:30pm
- Field Trip/Cultural Site Visit/ University Tour : 1:30pm – 6pm
- Dinner: 7pm – 8pm
- Proceed to Dorm: 8:30pm

Every Saturday

- Breakfast: 7:30am – 9am
- Field Trip/Cultural Site Visit/ University Tour: 1:30pm – 5pm
- Movie Show at Cinema: 6pm-10pm
- Proceed to Dorm with Snacks: 11pm

Every Sunday

- Breakfast: 7:30am – 9:00am
- Free time: 10am to 4pm
- Dinner: 7pm – 8pm
- Proceed to Dorm: 8:30pm

DAY 14

- Breakfast: 7:30am – 9:00am
- Student Presentations: 10am – 12pm
- Lunch: 12:30pm – 1:30pm
- Student Presentations : 2pm – 4pm
- Presentations Awards Dinner: 5pm – 7pm
- Proceed to Dorm: 8pm

DAY 15

- Breakfast: 7:30am – 9:00am
- Move to Airport: 10am -1pm
- Depart to Accra: 2pm

2024 Educational Summer Camp (York University, Toronto, Canada)

Where You Will Live: Schulich Executive Residence at York University, Toronto, Canada



2024 Educational Summer Camp (York University, Toronto, Canada)

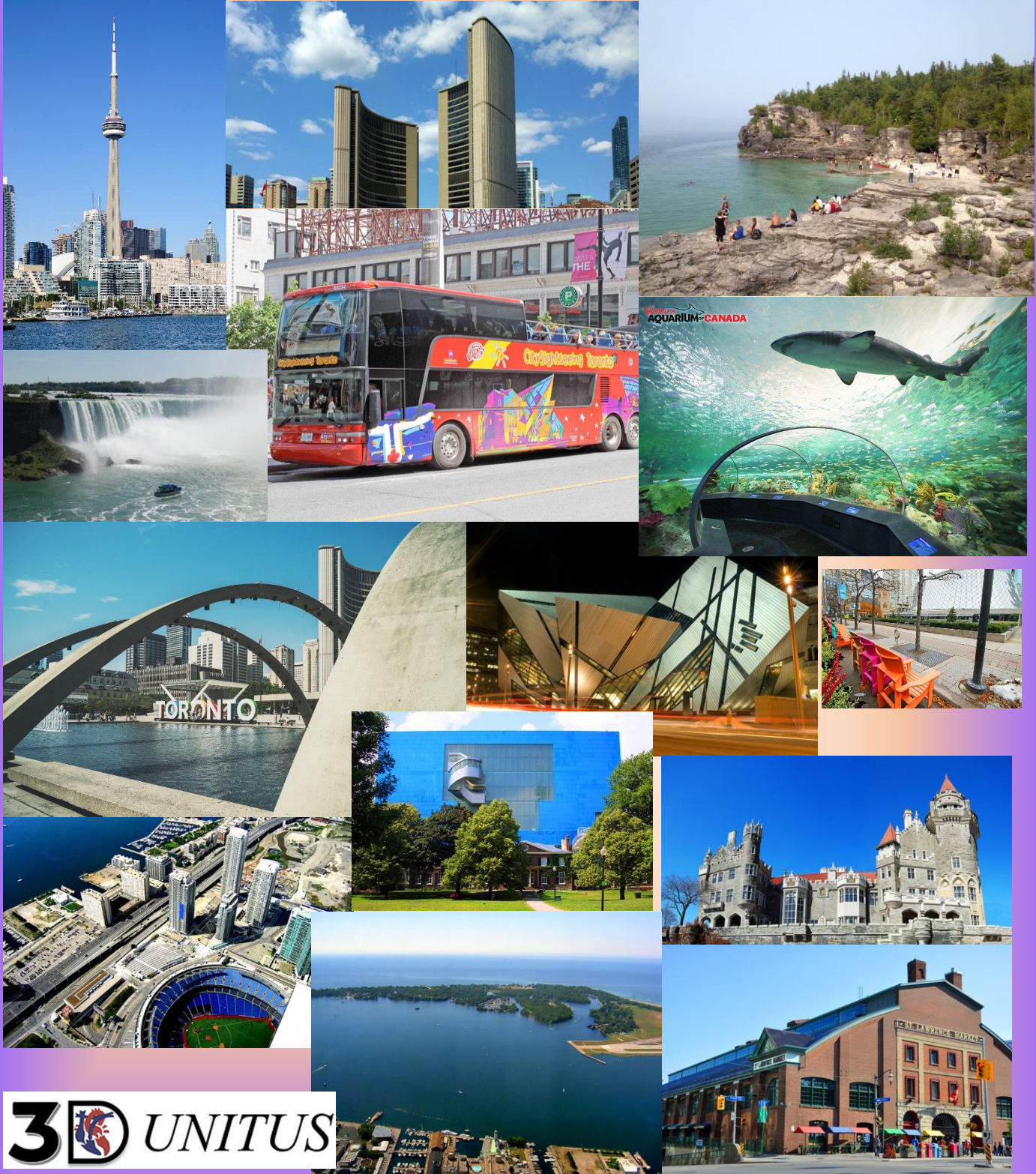
Visiting Other Universities in Canada



**MCMASTER
UNIVERSITY**

2024 Educational Summer Camp (York University, Toronto, Canada)

Visiting Tourist Sites in Toronto, Canada



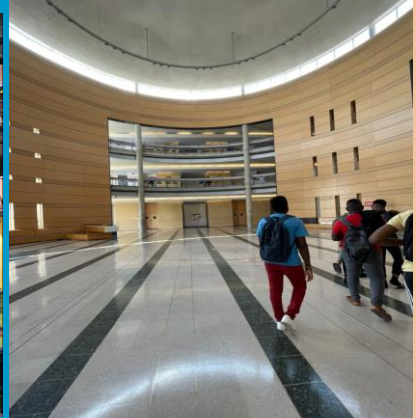
2024 Educational Summer Camp (York University, Toronto, Canada)

Proposed Meal Plan-Weekly

DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7
French Toast	Pancakes	Waffles	French Toast	Granola & Fruit Yogurt Parfait	Waffles	French Toast
Scrambled Eggs	Western Scrambled Eggs	Hard Boiled Eggs	Mushroom & Cheese Omlette	Chive Scrambled Eggs	Spanish Omlette	Scrambled Eggs
Hash Browns	Bacon	Turkey Sausage	Sausage Patties	Home Fries	Bacon	Hash Browns
Sausage	Potato Croquettes	Steak Cut Fries	Home Fries Potato	Sliced Fruit	Hash Brown	Sausage
Sliced Fruit	Yogurt	Hot Oatmeal	Milk and Cereal	Hot Oatmeal	Toast	Sliced Fruit
Orange Juice	Toast Jam and Butter	Whole Fruit			PB&Jelly	Orange Juice
Mixed Greens Salad	California Greens Salad	Spinach and Pear Salad	Greek Salad	Mixed Green Salad	Caesar Salad	Baby Spinach and Mandarines Salad
Asian Chicken/Tofu Stir Fry with Noodles	Texas BBQ Roast Chicken	Roast Beef	Chicken Cacciatore	Philly Cheese Steak on a Bun	South Western Chicken Breast	Beef and Chicken Taco Bar
Asian Vegetable Medley	Creole Rice	Garlic Mashed Potato	Butter&Parmesan Pasta	Steak Cut Fries	Black Bean Rice	Assorted Toppings
Assorted Squares	Mixed Sauteed Vegetables	Vegetable Ratatouille	Cauliflower & Broccoli	Whole Fruit	Broccoli, Carrots, Mushroom	Pecan Pie
Fruit Salad	Assorted Dessert Squares	Brownies	Apple Strudel		Tiramisu	
Crudite Platter	Mixed Green Salad	Tomato & Bococcini Salad	Antipasto Platter	California Greens Salad	Kale, Cranberries and Quinoa Salad	Pasta Salad
Slow Roast Beef	Greek Chicken Breast	Ontario Grilled Pork Chops	Creamy Chicken Lasagna	Roast Turkey with Gravy	Grilled NY Steak	Lemon Pepper Tilapia
Glazed Sweet Potato	Greek Rice	Roasted Sweet Potatoes	Grilled Vegetables	Herbed Mashed Potatoes	Baked Potato	Steamed Broccoli and Cauliflower
Roasted Corn Nibbles	Mixed Vegetables	Green Beans&Onion	Cherry Pie	Cauliflower & Carrots	Baby Carrots	Rice Pilaf
Fresh Baked Cookies	Whole Fruit	Lemon Chiffon Cake		Fruit Platter	Bite Brownies	Roasted Corn with Peppers Assorted Cookies



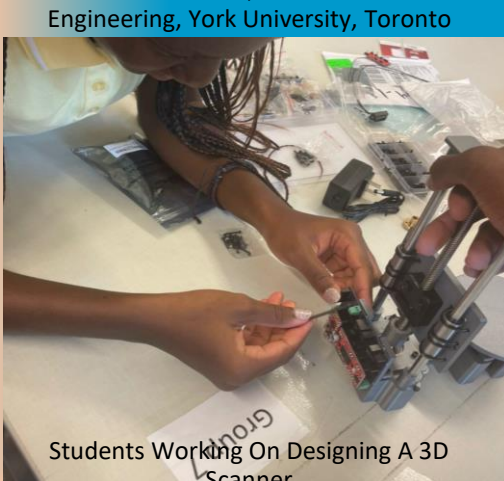
2024 Educational Summer Camp (York University, Toronto, Canada)



Students At The Entrance To The Lassonde School Of Engineering, York University, Toronto



Students Presenting The Current State Of Their Work To Peers, Lassonde School Of Engineering, York University, Toronto



Students Working On Designing A 3D Scanner

