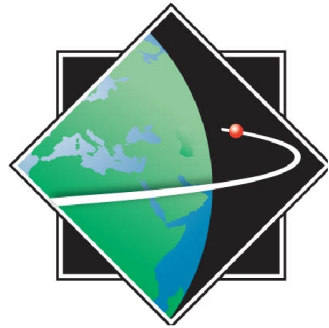


Frontenac, Lennox and Addington Science Fair

FLASF 2026 AWARD WINNERS

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Best-of-Fair Awards

Honourable Mention Plaques

(#3201) Thermodynamic Extension to Λ CDM Cosmology

Student: Liam Desre

School: Kingston Secondary School

(#4480) NeuroSight: Bridging Oculomic and Acoustic Features for Multi-Disease
Prediction via Deep Learning

Student: Shail Patel

School: Loyalist Collegiate & Vocational Institute

Bronze Plaque and Trophy

(#4401) Using Voice Biomarkers to Enable Machine Learning–Based Diagnosis of
Speech-Related Disorders

Student: Anjali Patel

School: Loyalist Collegiate & Vocational Institute

Silver Plaque and Trophy

(#2306) Can AI be the Subject of Social Experiments?

Students: Alexandria Xu

School: Calvin Park Public School

Gold Plaque and Queen's University Trophy

(#4204) Determining the surface area of a curve-folded origami lotus

Student: Valerie Sun

School: Kingston Secondary School



Frontenac, Lennox and Addington Science Fair

Divisional Award Winners

Life and Earth Sciences Division Awards – Primary Age Category

Honourable Mention

(#1180) The Effect of Temperature on Mold Growth on Bread
Students: Maeen Al Harthi and Falaq Sajjad
School: Home School

Bronze Medal

(#1105) Just Horain' Around
Student: Avely Holwitt
School: King's Town School

Silver Medal

(#1102) Bioluminescence
Student: Nina Didyk
School: Lakeshore School

Gold Medals

(#1101) Make It Clean – What is the Best Natural Filter?
Student: Evan Hu
School: King's Town School

(#1181) Glow Big or Grow Home: Which Colour of Light Helps Plants Grow Best?
Student: Sadie Thomas
School: King's Town School

Physical and Mathematical Sciences Division Awards – Primary Age Category

Bronze Medal

(#1201) Best ways to pop a balloon!
Student: Izzy van Anders
School: Winston Churchill Public School

Gold Medal

(#1202) Can I Create Fire for Survival Using a Battery and Foil?
Student: Edward Klein
School: Catarauqui Woods Public School



Frontenac, Lennox and Addington Science Fair

Computing and Engineering Division Awards – Primary Age Category

Honourable Mention

(#1304) Human VS AI
Student: Misha Patel
School: Lakeshore School

Bronze Medal

(#1301) Battle of the Bridges: Beam vs Truss vs Arch
Students: Jazlyn Gill and Naina Malhotra
Schools: Amherstview Public School and St. Geneviève Catholic School

Silver Medal

(#1380) Self-Driving Wagon
Student: Benjamin Wightman
School: R Gordon Sinclair Memorial School

Human Health Science Division Award – Primary Age Category

Honourable Mentions

(#1404) The Golden Bandage
Student: Anna Patel
School: Lancaster Drive Public School

(#1405) VR Versus Kids
Student: Fraser Marchand
School: Lakeshore School

(#1480) Mindfulness and learning
Students: Khadija Malik
School: St. Geneviève Catholic School

Bronze Medal

(#1408) The Beat Goes On..... But How Fast?
Students: Elena Oglaza
School: King's Town School

Silver Medals

(#1401) Testing slime recipes for skin safety and fun
Student: Veronika Lasso
School: Ecole Catholique Cathedrale



Frontenac, Lennox and Addington Science Fair

(#1403) Screens vs. Sleep
Students: Max Weinrib
School: Lakeshore School

Gold Medals

(#1406) Music Moves the Heart
Student: Ayra Amir
School: Lakeshore School

(#1409) Slobber Science: What is lurking in a dog's kiss?
Student: Talia Franklin
School: King's Town School

Life and Earth Sciences Division Awards – Junior Age Category

Honourable Mentions

(#2106) Salty science
Students: Quinn Freeman and Quinn Wellwood
School: Calvin Park Public School

(#2107) PetFit: Track the Play the Eco Way
Students: Audrey Grant and Sadie O'Donnell
School: Calvin Park Public School

(#2109) Smart Greenhouse For Winter Farming in Canada
Students: Arjun Pednekar and Aryan Pednekar
School: Calvin Park Public School

(#2110) Roots to the Rescue: Stopping Soil Erosion
Student: Evie Price
School: Calvin Park Public School

(#2111) Limestone Defenders - Substances That Inhibit Corrosion
Students: Mason Coad and Orion Scott
School: Calvin Park Public School

(#2119) Children Dependency on Technology
Student: Kaya Didyk
School: Lakeshore School

(#2123) Can I Make Biodegradable Plastic?
Student: Sage Wright
School: Home School



Frontenac, Lennox and Addington Science Fair

Bronze Medals

(#2102) Microplastics, megapollutants

Student: Gurnivaz Bains

School: Leahurst College

(#2105) Solar Sanitization

Student: Zoe Frantzeskos

School: King's Town School

(#2122) Alternative To Solar Panels

Student: Ozwin Lai

School: Lakeshore School

(#2126) Growing Without Soil: The Effect of Natural Fertilizer in Hydroponic Systems

Student: Caleb Jinapriya

School: King's Town School

Silver Medals

(#2108) Leafy Lights

Student: Felix Haley

School: King's Town School

(#2113) Comparing Different De-icers In Terms of Environmental Impact and Practical Use

Students: James Fecica and William Kim

School: Calvin Park Public School

(#2125) Asexual Reproduction in Plants (Grafting Chrysanthemums and Roses)

Student: Samaira Mendiratta

School: Calvin Park Public School

(#2181) Turning Bacteria into Energy - Microbial Fuel Cells

Students: Rafay Rahim and Antonio Soares

School: Calvin Park Public School

Gold Medals

(#2117) Micro Pollution, Macro Problem: An Analysis of Microplastics in Lake Ontario

Student: Grace Wright

School: Calvin Park Public School



Frontenac, Lennox and Addington Science Fair

(#2118) Not All Eyes See the Same!
Student: Zhirui Chen
School: Calvin Park Public School

Physical and Mathematical Sciences Division Awards – Junior Age Category

Honourable Mentions

(#2203) Testing an Antibacterial Hydrogel Bandage Patch
Student: Ipsa Khanal
School: Calvin Park Public School

(#2212) Time Travel and Modern Physics
Students: Dante Ilardi and Xuyao (Jackson) Li
School: St. Geneviève Catholic School

(#2214) Dew or Don't? Can Silica Gel Collect Water from the Atmosphere?
Student: Dexter Harris
School: Calvin Park Public School

(#2280) Metal Morphing: Measuring Thermal Growth for Durable Construction
Student: Hourad Hajsoltan
School: Calvin Park Public School

Bronze Medals

(#2209) Filtering the Future
Students: Sachit Patel and Aadil Polara
School: Calvin Park Public School

(#2213) Titan: Life frozen in time
Student: Jyotis Jugroot
School: King's Town School

(#2216) Fabrics VS Water
Student: Pavlos Papalazarou
School: Leahurst College

(#2219) Best Before and Worse After?
Student: Audrey Miners
School: Calvin Park Public School



Frontenac, Lennox and Addington Science Fair

Silver Medal

(#2202) Creating Bioplastics: A Sustainable Alternative to Conventional Plastics
Student: Zoey Innocente
School: Calvin Park Public School

Gold Medal

(#2208) Chasing Warmth: What Jacket Materials Insulate Best
Student: Britton Hull
School: Calvin Park Public School

Computing and Engineering Division Awards – Junior Age Category

Honourable Mentions

(#2303) Resin-nating Bats
Students: Christopher Fowler and Evan Lo
School: Calvin Park Public School

(#2311) Machine Learning in Autonomous Vehicles
Student: Gideon Wall
School: Calvin Park Public School

(#2314) Vitals in a Box
Student: Samar Kumar
School: Lakeshore School

(#2317) Reinforcement Bot Vs Bot Vs Human
Students: Benny Liblik and Eetu Packalen
School: Calvin Park Public School

(#2388) Preventing Carbon Monoxide Risks In Furnace Pipe
Student: Jagriti Kataria
School: Calvin Park Public School

(#2391) Is it Ripe Yet? Figuring out the Ripeness of Fruit with an Arduino
Student: Elaine Luo
School: Calvin Park Public School

(#2392) The Smartest Sprout
Students: Ben Murray and Adam Yuksel
School: Calvin Park Public School



Frontenac, Lennox and Addington Science Fair

(#2394) Analyzing Zinc Oxide Alternative to Blue LEDs

Students: Aleix Lopez and Ramy Zagua

School: Calvin Park Public School

(#2395) The Language of Machines

Student: Uzay Nalca

School: Leahurst College

Bronze Medals

(#2320) Food Freshness Monitoring System: Volatile Compound Detection for Food Spoilage Analysis

Student: David Mekhaeil

School: Calvin Park Public School

(#2389) On-site Bridge 3D Printer

Student: Charlotte Laird

School: Calvin Park Public School

(#2390) Creating a Hands Free, Gravity Run Water Filter

Students: Bradley Levi and Emmett Washburn

School: Calvin Park Public School

Silver Medals

(#2383) Arduino Automatic Plant Waterer

Students: Jocelyne Godbout and Elin Ma

School: Calvin Park Public School

(#2385) BackTracker: Track it, Fix it, Own it

Student: Ayla Hashtrudi-Zaad

School: École secondaire Mille Iles

Gold Medals

(#2306) Can AI be the Subject of Social Experiments?

Student: Alexandria Xu

School: Calvin Park Public School

(#2386) Sort It Right: For a Cleaner Planet

Student: Adam Hassan and Kai Knutsen

School: Calvin Park Public School



Frontenac, Lennox and Addington Science Fair

Human Health Science Division Awards – Junior Age Category

Honourable Mentions

(#2405) EcoEssence: The Scent Without Secrets

Student: Elise Lewis

School: Calvin Park Public School

(#2409) Understanding and Modeling Arterial Plaque Build-up

Student: Maya Thakrar

School: Calvin Park Public School

(#2410) The Secret Thoughts of AI: Does AI Display Gender Stereotypes?

Student: Addison Thomas

School: Calvin Park Public School

(#2412) How Do Colors Affect Human Behaviors and Emotions?

Student: Erin Zhu

School: Calvin Park Public School

(#2418) Don't Look Down....But Please Look At My Data!

Student: Devlin Rainbow

School: Lakeshore School

(#2420) Pricing Strategies for American Products during the Trump Presidency

Student: Mattheo Spitzmueller Rangel

School: Calvin Park Public School

(#2424) Who Has Better Intuition: Humans or AI? An Investigation into Precognition and Clairvoyance

Student: Lily Klein

School: Calvin Park Public School

(#2427) How does the pH of different liquids affect tooth enamel?

Student: Hovaughn Sarmazian

School: Calvin Park Public School

(#2429) DIY Natural Shampoo

Student: Maeve Spence

School: Calvin Park Public School



Frontenac, Lennox and Addington Science Fair

Bronze Medals

- (#2408) Lost in the Scroll: How Social Media Affects Dissociation
Student: Marie Tanzola
School: Leahurst College
- (#2413) Don't Sweat It
Student: Sophia Bullock
School: Lakeshore School
- (#2421) Which Sports Drink Wins the Race: Which drink is superior for athletic performance: homemade hydration beverage
Student: Langley McKay
School: Calvin Park Public School
- (#2422) Sight, Sound, Taste, All Misplaced
Student: Owen Benson
School: Leahurst College

Silver Medals

- (#2407) Don't Forget! How Birthdays Affect Brain Power
Student: Emily Richard
School: Leahurst College
- (#2417) The Immediate Effect Of Exercise On Mood, Attention, And Memory
Student: Aidin Nasir-Zadeh
School: Calvin Park Public School
- (#2481) Breast Cancer Awareness
Student: Mariam Sultan
School: Module De L'Acadie

Gold Medals

- (#2411) C-Strik: AI powered precision medicine tool for breast cancer
Student: Ryan Varma
School: Calvin Park Public School
- (#2414) The Environmental Cost of Lipstick: Reducing Plastic Waste While Protecting Human Health
Students: Sananda Dey and Ariana Miklyaeva
School: Calvin Park Public School



Frontenac, Lennox and Addington Science Fair

(#2428) Beat The Leaf: Creating a Digital Support Platform for Addressing Cannabis Use Challenges

Student: Dustahn Omrani
School: Lakeshore School

Life and Earth Sciences Divisions Award – Intermediate Age Category

Gold Medal

(#3101) Breathing With The Planet: A Pilot Study Of School Inhaler Recycling To Reduce Carbon Emissions

Student: Carson Parker
School: Kingston Secondary School

Physical and Mathematical Sciences Division Awards – Intermediate Age Category

Gold Medal

(#3201) Thermodynamic Extension to Λ CDM Cosmology

Student: Liam Desre
School: Kingston Secondary School

Computing and Engineering Division Awards – Intermediate Age Category

Honourable Mention

(#3382) The Reef Guardian: An IoT-Based Real-Time Environmental Monitoring System for protecting Coral Reefs

Students: George Lee and Param Prasad
School: Kingston Secondary School

Bronze Medal

(#3380) Why Traffic Lights Are a Social Construct: Training Autonomous Vehicles at Unsignalled Intersections

Student: Allen Gao
School: Kingston Secondary School

Silver Medal

(#3383) Operation Smart Soil - Using IoT Technology to Reduce Soil Runoff

Student: Shivikka Vigneswaran
School: Kingston Secondary School



Frontenac, Lennox and Addington Science Fair

Gold Medal

- (#3384) A.R.C.H. - Autonomous Remediation of Cyanobacteria Habitats
Students: Amy (Yujeong) Bae and Sophie Yao
School: Kingston Secondary School

Human Health Science Division Awards – Intermediate Age Category

Honourable Mention

- (#3402) Transformation d'E. Coli : Résistance à l'ampicilline
Student: Coralie Labonté Bolanos
School: École secondaire catholique Marie-Rivier

Gold Medals

- (#3401) NeuroSense — Saliva-Based Seizure Risk Prediction
Student: Kahvian Omrani
School: Loyalist Collegiate & Vocational Institute
- (#3480) EngageTrack: A Digital System for Monitoring Social Engagement in Long-Term Care
Student: Yaseen Elsayy
School: Loyalist Collegiate & Vocational Institute

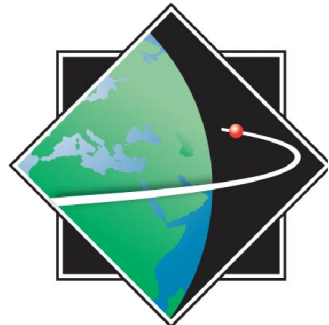
Life and Earth Sciences Division Awards – Senior Age Category

Honourable Mentions

- (#4106) Egg Shell Decay Experiment
Student: Adrita Kar
School: Kingston Secondary School
- (#4108) The Effect of NaCl Concentration on the Rusting of Iron
Student: Sophie Wood
School: Kingston Secondary School

Bronze Medals

- (#4102) Mealworms and Moisture
Student: Jessie Carr
School: Home School
- (#4107) Effect of light colour on rate of photosynthesis
Student: Caitlin Wilson
School: Kingston Secondary School



Frontenac, Lennox and Addington Science Fair

Silver Medal

(#4109) Potato-Starch Bioplastics: How Glycerol Concentration Influences Tensile Strength

Student: Rawan Khoshafa
School: Kingston Secondary School

Physical and Mathematical Sciences Division Awards – Senior Age Category

Honourable Mentions

(#4201) How does temperature affect the vitamin C concentration in various fresh citrus fruit juices?

Student: Sebastian Amador Murillo
School: Kingston Secondary School

(#4202) Effect of Temperature of pKa value of ethanoic acid

Student: Ines Koepl
School: Kingston Secondary School

(#4281) Hydrogen Gas Production using Electrolysis

Student: Micah James
School: Kingston Secondary School

Silver Medal

(#4203) Sour Power: Investigating the Optimization of a Green Capacitor

Student: Michael Puxty
School: Kingston Secondary School

Gold Medal

(#4204) Determining the surface area of a curve-folded origami lotus

Student: Valerie Sun
School: Kingston Secondary School

Computing and Engineering Division Awards – Senior Age Category

Honourable Mention

(#4382) Zero-Calibration Multimodal Stress or Cognitive Workload Classifier

Student: Brandon Dong
School: École secondaire catholique Marie-Rivier



Frontenac, Lennox and Addington Science Fair

Silver Medal

(#4380) Buttery, Legendary, Demure, Capable Motors
Students: Matthew Kabin and Ethan Tian
School: Kingston Secondary School

Gold Medal

(#4381) Engineering a Biomimetic Climbing Robot with Lizard-Inspired Design
Student: Misha van Anders
School: Loyalist Collegiate & Vocational Institute

Human Health Science Division Awards – Senior Age Category

Honourable Mention

(#4402) Effect of Sucralose Concentration on Acetaminophen Dissolution Rate in Simulated Gastric Fluid
Student: Athena Andrecyk
School: Kingston Secondary School

Bronze Medal

(#4404) The Effect of Caffeine on Daphnia's Heartrate
Student: Elizabeth Li
School: Kingston Secondary School

Gold Medals

(#4401) Using Voice Biomarkers to Enable Machine Learning–Based Diagnosis of Speech-Related Disorders
Student: Anjali Patel
School: Loyalist Collegiate & Vocational Institute

(#4480) NeuroSight: Bridging Oculomic and Acoustic Features for Multi-Disease Prediction via Deep Learning
Student: Shail Patel
School: Loyalist Collegiate & Vocational Institute



Frontenac, Lennox and Addington Science Fair

2026 Special Award Winners

ACFOMI Michel Sarrazin Awards

\$50 Cash Prizes and Certificates

(#3102) Régulation des Bactéries Brillantes: Transformation avec un gène de Luciole

Students: Ketura Kossonou and Chloé Rhéaume

School: Home School and École secondaire catholique Marie-Rivier

(#3402) Transformation d'E. Coli : Résistance à l'ampicilline

Student: Coralie Labonté Bolanos

School: École secondaire catholique Marie-Rivier

Canadian Meteorological and Oceanographic Society Award – Primary/Junior Age Category

\$100 Cash Prize

(#2117) Micro Pollution, Macro Problem: An Analysis of Microplastics in Lake Ontario

Student: Grace Wright

School: Calvin Park Public School

Canadian Meteorological and Oceanographic Society Award – Intermediate/Senior Age Category

\$200 Cash Prize

(#4109) Potato-Starch Bioplastics: How Glycerol Concentration Influences Tensile Strength

Student: Rawan Khoshafa

School: Kingston Secondary School

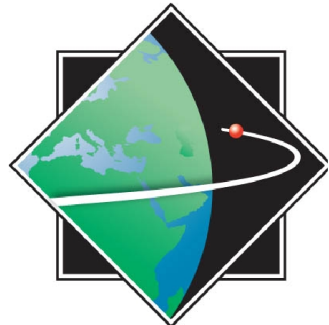
City of Kingston – Best Environmental Project Award

\$150 Cash Prize

(#2320) Food Freshness Monitoring System: Volatile Compound Detection for Food Spoilage Analysis

Student: David Mekhaeil

School: Calvin Park Public School



Frontenac, Lennox and Addington Science Fair

FLASF Peer Awards – Junior Age Category

\$50 Amazon Gift Card

(#2413) Don't Sweat It

Student: Sophia Bullock

School: Lakeshore School

(#2423) The Sleep Sprint: How Exercise Helps You Doze Off

Student: Brynn Stephen

School: Leahurst College

FLASF Peer Awards – Intermediate/Senior Age Category

\$50 Amazon Gift Cards

(#3383) Operation Smart Soil - Using IoT Technology to Reduce Soil Runoff

Student: Shivikka Vigneswaran

School: Kingston Secondary School

Impact Chemistry Award – Primary Age Category

\$50 Cash Prize and Tour

(#1401) Testing slime recipes for skin safety and fun

Student: Veronika Lasso

School: École Catholique Cathedrale

Impact Chemistry Award – Junior Age Category

\$100 Cash Prize and Tour

(#2214) Dew or Don't? Can Silica Gel Collect Water from the Atmosphere?

Student: Dexter Harris

School: Calvin Park Public School

Impact Chemistry Award – Intermediate/Senior Age Category

\$150 Cash Prize and Tour

(#4281) Hydrogen Gas Production using Electrolysis

Student: Micah James

School: Kingston Secondary School



Frontenac, Lennox and Addington Science Fair

INVISTA (Canada) Award for Innovation and Principled Entrepreneurship – Primary Age Category

\$50 Cash Prize

(#1404) The Golden Bandage

Student: Anna Patel

School: Lancaster Drive Public School

INVISTA (Canada) Awards for Innovation and Principled Entrepreneurship – Junior Age Category

\$125 Cash Prizes

(#2411) C-Strik: AI powered precision medicine tool for breast cancer

Student: Ryan Varma

School: Calvin Park Public School

(#2414) The Environmental Cost of Lipstick: Reducing Plastic Waste While Protecting Human Health

Students: Sananda Dey and Ariana Miklyaeva

School: Calvin Park Public School

INVISTA (Canada) Awards for Innovation and Principled Entrepreneurship – Intermediate Age Category

\$250 Cash Prize

(#3401) NeuroSense — Saliva-Based Seizure Risk Prediction

Student: Kahvian Omrani

School: Loyalist Collegiate & Vocational Institute

INVISTA (Canada) Awards for Innovation and Principled Entrepreneurship – Senior Age Category

\$250 Cash Prize

(#4480) NeuroSight: Bridging Oculomic and Acoustic Features for Multi-Disease Prediction via Deep Learning

Student: Shail Patel

School: Loyalist Collegiate & Vocational Institute



Frontenac, Lennox and Addington Science Fair

Kingston Field Naturalists Award

Book Gift Certificate

(#2118) Not All Eyes See the Same!
Student: Zhirui Chen
School: Calvin Park Public School

Kingston Process Metallurgy Award

Summer Job and \$750 Cash Prize

(#4108) The Effect of NaCl Concentration on the Rusting of Iron
Student: Sophie Wood
School: Kingston Secondary School

Leahurst College Awards of Excellence in Science – Primary/Junior Age Category

\$50 Gift Cards

(#1302) Maze Playing Robot
Student: Oliver Wightman
School: R Gordon Sinclair Memorial School

(#1404) The Golden Bandage
Student: Anna Patel
School: Lancaster Drive Public School

(#2107) PetFit: Track the Play the Eco Way
Students: Audrey Grant and Sadie O'Donnell
School: Calvin Park Public School

(#2118) Not All Eyes See the Same!
Student: Zhirui Chen
School: Calvin Park Public School

(#2122) Alternative To Solar Panels
Student: Ozwin Lai
School: Lakeshore School



Frontenac, Lennox and Addington Science Fair

Ontario Association of Certified Engineering Technicians and Technologists (OACETT) Award

\$100 Cash Prize and Certificate

(#1380) Self-Driving Wagon

Student: Benjamin Wightman

School: R Gordon Sinclair Memorial School

Professional Engineers of Ontario (PEO) Award – 1st Place

\$450 Cash Prize and Trophy

(#4381) Engineering a Biomimetic Climbing Robot with Lizard-Inspired Design

Student: Misha van Anders

School: Loyalist Collegiate & Vocational Institute

Professional Engineers of Ontario (PEO) Award – 2nd Place

\$325 Cash Prize

(#3301) Acoustic Tracking

Student: Jasper Stotz

School: École secondaire catholique Marie-Rivier

Professional Engineers of Ontario (PEO) Award – 3rd Place

\$225 Cash Prize

(#2310) Making a Stringed Instrument Using an Echo Chamber

Student: William Tian

School: Calvin Park Public School

Queen's University Department of Biology Awards

\$50 Cash Prizes

(#1102) Bioluminescence

Student: Nina Didyk

School: Lakeshore School

(#2118) Not All Eyes See the Same!

Student: Zhirui Chen

School: Calvin Park Public School



Frontenac, Lennox and Addington Science Fair

(#3402) Transformation d'E. Coli : Résistance à l'ampicilline

Student: Coralie Labonté Bolanos

School: École secondaire catholique Marie-Rivier

(#4404) The Effect of Caffeine on Daphnia's Heartrate

Student: Elizabeth Li

School: Kingston Secondary School

Queen's University Department of Biomedical & Molecular Sciences Awards (Medicine, Drugs & Food)

\$50 Cash Prizes

(#2320) Food Freshness Monitoring System: Volatile Compound Detection for Food Spoilage Analysis

Student: David Mekhaeil

School: Calvin Park Public School

(#4404) The Effect of Caffeine on Daphnia's Heartrate

Student: Elizabeth Li

School: Kingston Secondary School

Queen's University Department of Biomedical & Molecular Sciences Awards (The Amazing Human Body)

\$50 Cash Prizes

(#2417) The Immediate Effect Of Exercise On Mood, Attention, And Memory

Student: Aidin Nasir-Zadeh

School: Calvin Park Public School

(#3401) NeuroSense — Saliva-Based Seizure Risk Prediction

Student: Kahvian Omrani

School: Loyalist Collegiate & Vocational Institute

Queen's University Department of Biomedical & Molecular Sciences Awards (The Microscopic World)

\$50 Cash Prizes

(#2411) C-Strik: AI powered precision medicine tool for breast cancer

Student: Ryan Varma

School: Calvin Park Public School



Frontenac, Lennox and Addington Science Fair

(#4480) NeuroSight: Bridging Oculomic and Acoustic Features for Multi-Disease Prediction via Deep Learning

Student: Shail Patel

School: Loyalist Collegiate & Vocational Institute

Queen's University Department of Chemical Engineering Chemical & Bio-Technologies for Sustainability Award

\$100 Cash Prize and Tour

(#3101) Breathing With The Planet: A Pilot Study Of School Inhaler Recycling To Reduce Carbon Emissions

Student: Carson Parker

School: Kingston Secondary School

Queen's University Department of Chemistry Award

\$200 Cash Prize

(#4109) Potato-Starch Bioplastics: How Glycerol Concentration Influences Tensile Strength

Student: Rawan Khoshafa

School: Kingston Secondary School

Queen's University Department of Geography & Planning Award

\$100 Cash Prize

(#1103) Comparing different materials in a water filter

Student: Zainab Mulla

School: Manar Academy

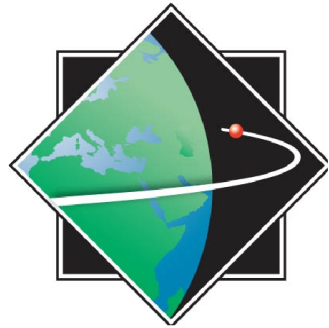
Queen's University Department of Mechatronic & Robotics Engineering Award

\$100 Cash Prize

(#4381) Engineering a Biomimetic Climbing Robot with Lizard-Inspired Design

Student: Misha van Anders

School: Loyalist Collegiate & Vocational Institute



Frontenac, Lennox and Addington Science Fair

Queen's University Department of Pathology & Molecular Medicine Award – 1st Place

\$100 Cash Prize and Certificate

(#2409) Understanding and Modeling Arterial Plaque Build-up

Student: Maya Thakrar

School: Calvin Park Public School

Queen's University Department of Pathology & Molecular Medicine Award – 2nd Place

\$75 Cash Prize and Certificate

(#3401) NeuroSense — Saliva-Based Seizure Risk Prediction

Student: Kahvian Omrani

School: Loyalist Collegiate & Vocational Institute

Queen's University Department of Pathology & Molecular Medicine Award – 3rd Place

\$50 Cash Prize and Certificate

(#2481) Breast Cancer Awareness

Student: Mariam Sultan

School: Module De L'Acadie

Queen's University Office for Women in Engineering Girls in STEM Awards

\$50 Cash Prizes

(#2389) On-site Bridge 3D Printer

Student: Charlotte Laird

School: Calvin Park Public School

(#4204) Determining the surface area of a curve-folded origami lotus

Student: Valerie Sun

School: Kingston Secondary School



Frontenac, Lennox and Addington Science Fair

Queen's University School of Computing Awards

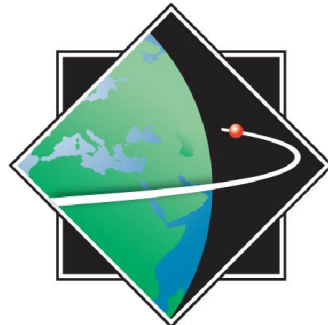
\$100 Cash Prizes

- (#1380) Self-Driving Wagon
Student: Benjamin Wightman
School: R Gordon Sinclair Memorial School
- (#2411) C-Strik: AI powered precision medicine tool for breast cancer
Student: Ryan Varma
School: Calvin Park Public School
- (#3380) Why Traffic Lights Are a Social Construct: Training Autonomous Vehicles at Unsignalled Intersections
Student: Allen Gao
School: Kingston Secondary School
- (#4401) Using Voice Biomarkers to Enable Machine Learning–Based Diagnosis of Speech-Related Disorders
Student: Anjali Patel
School: Loyalist Collegiate & Vocational Institute

Queen's University School of Computing Young Programmer Awards – Primary/Junior/Intermediate Age Categories

\$20 Cash Prizes

- (#2305) Blind Reading – A text-to-braille tactile reading system
Student: Deepjot Walia
School: Calvin Park Public School
- (#2312) Cancelling Drone Noise
Student: Charlotte Williams
School: King's Town School
- (#2320) Food Freshness Monitoring System: Volatile Compound Detection for Food Spoilage Analysis
Student: David Mekhaeil
School: Calvin Park Public School
- (#2381) Sustainable ECG
Student: Mustaeen Ahmed
School: Calvin Park Public School



Frontenac, Lennox and Addington Science Fair

(#2385) BackTracker: Track it, Fix it, Own it
Student: Ayla Hashtrudi-Zaad
School: École secondaire Mille Îles

Queen's University School of Environmental Studies Awards

\$50 Gift Cards

(#2123) Can I Make Biodegradable Plastic?
Student: Sage Wright
School: Home School

(#2209) Filtering the Future
Students: Sachit Patel and Aadil Polara
School: Calvin Park Public School

(#2390) Creating a Hands Free, Gravity Run Water Filter
Students: Bradley Levi and Emmett Washburn
School: Calvin Park Public School

(#3101) Breathing With The Planet: A Pilot Study Of School Inhaler Recycling To
Reduce Carbon Emissions
Student: Carson Parker
School: Kingston Secondary School

Queen's University Engineering Society Science Quest Awards

Week at Science Quest Camp Certificate

(#1102) Bioluminescence
Student: Nina Didyk
School: Lakeshore School

Week at Girls' Quest Camp Certificate

(#1301) Battle of the Bridges: Beam vs Truss vs Arch
Students: Jazlyn Gill and Naina Malhotra
Schools: Amherstview Public School and St. Geneviève Catholic School

Week at Eco Camp Certificate

(#2218) The Egg-mazing Density Project: One salt to rule them all!
Student: Nehan Rashid
School: Calvin Park Public School



Frontenac, Lennox and Addington Science Fair

Rotary Club of Kingston Environmental Sustainability Awards

\$100 Cash Prizes

(#2114) Best Defense Against Snow And Ice On Roads
Students: Saoirse De Jager and Addie Maslove
School: Calvin Park Public School

(#2394) Analyzing Zinc Oxide Alternative to Blue LEDs
Students: Aleix Lopez and Ramy Zaguia
School: Calvin Park Public School

(#3101) Breathing With The Planet: A Pilot Study Of School Inhaler Recycling To Reduce Carbon Emissions
Student: Carson Parker
School: Kingston Secondary School

Rotary Club of Kingston Frontenac Environmental Sustainability Awards

\$150 Cash Prizes

(#1181) Glow Big or Grow Home: Which Colour of Light Helps Plants Grow Best?
Student: Sadie Thomas
School: King's Town School

(#2180) The Ripple Effect: How the Great Barrier Reef Microplastics Affect Global Life
Student: Joseph Keast
School: Home School

(#3101) Breathing With The Planet: A Pilot Study Of School Inhaler Recycling To Reduce Carbon Emissions
Student: Carson Parker
School: Kingston Secondary School

Royal Astronomical Society of Canada Leo Enright Award for Astronomy

\$150 Cash Prize and Book

(#2213) Titan: Life frozen in time
Student: Jyotis Jugroot
School: King's Town School



Frontenac, Lennox and Addington Science Fair

Royal Military College of Canada Department of Psychology & Leadership Awards

\$50 Gift Cards

(#2403) Does Physical Fitness Change How the Brain Handles Stress?

Student: Nora Lasso

School: Ecole Catholique Cathedrale

(#2422) Sight, Sound, Taste, All Misplaced

Student: Owen Benson

School: Leahurst College

(#4480) NeuroSight: Bridging Oculomic and Acoustic Features for Multi-Disease Prediction via Deep Learning

Student: Shail Patel

School: Loyalist Collegiate & Vocational Institute

STEAMworks Summer Camp Awards – Primary Category

Week at STEAMworks Summer Camp Certificates

(#1101) Make It Clean – What is the Best Natural Filter?

Student: Evan Hu

School: King's Town School

(#1102) Bioluminescence

Student: Nina Didyk

School: Lakeshore School

(#1203) Cocoa Conundrum

Student: Emily Brown

School: King's Town School

(#1304) Human VS AI

Student: Misha Patel

School: Lakeshore School

(#1380) Self-Driving Wagon

Student: Benjamin Wightman

School: R Gordon Sinclair Memorial School



Frontenac, Lennox and Addington Science Fair

(#1402) Munchy Muffins
Student: Ruairi Molsom
School: King's Town School

University of Ottawa Entrance Scholarship Award

\$1000 Entrance Scholarship

(#4204) Determining the surface area of a curve-folded origami lotus
Student: Valerie Sun
School: Kingston Secondary School