

2019 Divisional Award Winners

Junior - Engineering

Pewter Medallion

(104-NG-J) Overclocking a Computer

Student: Hasnain KHan

School: International School Of Cambridge

(134-NG-J) Cold Air Vapor Cooling Mechanism

Student: Hooman Reza Nezhad

School: K.W. Bilingual School

(120-NG-J) The Maglev Express

Student: Ainsleigh Kaufman

School: St. Ignatius of Loyola C.E.S.

(028-NG-J) Windebeest

Student: Kira Andres

School: Rockway Mennonite Collegiate

(098-NG-J) Truly Canadian Crutch

Student: Leah MacMillan

School: Northlake Woods P.S.

(136-NG-J) Strength of the Miura Fold

Student: Jonas Kaplan

School: Centennial P.S. - Congregated Class

(072-NG-J) A More Efficient (Mechanical) Pencil

Students: Yinuo Lin , Eliana Yin

School: Lester B. Pearson P.S.

Bronze Medallion (\$30 cash)

(146-NG-J) Bridges Building and Evaluation

Student: Ariel Chan

School: Centennial P.S.

(156-NG-J) Drone Gauntlet

Students: Sehshasayi Thuray , Steven Clemens

School: Silverheights P.S.

(026-NG-J) The Burden Bridges Bear

Student: Mohammed Babbili

School: MAC Maple Grove School

(094-NG-J) Fusion Reactor

Student: Mohammed Shaik

School: MAC Maple Grove School

(103-NG-J) 'Water from charcoal, coconut shells, and calcium chloride'

Student: Madeleine Horn

School: Individual Entry

Silver Medallion (\$40 cash)

(210-NG-J) Reducing Writing Fatigue

Students: Andreas Diogenous , Aidan Graham

School: Wm. G. Davis P.S. - Congregated Class

(178-NG-J) Designing the most affordable water filter

Students: Rachael Sun , Amira Bashbishi

School: Centennial P.S. - Congregated Class

Gold Medallion (\$70 cash)

(092-NG-J) Multispectral Detector for Non-Destructive Testing of Food

Student: Hardit Singh

School: Centennial P.S. - Congregated Class

(066-NG-J) Use AI to water city green spaces

Students: Tanner Cheng , Connor Jantzi

School: Linwood District P.S.

Intermediate - Engineering

Bronze Medallion (\$40 cash)

(048-NG-I) Revolutionizing Street Drainage for Renewable Energy

Students: Sara Najib , Huda Almalki

School: Sir John A. Macdonald S.S.

Silver Medallion (\$60 cash)

(070-NG-I) Human Powering the Future

Student: Amanda Locke

School: Pere-Rene-de-Galinee High School

Gold Medallion (\$100 cash)

(216-NG-I) iCane 2.0: Alternative to Tactile Paving for the Blind

Student: Neil Mitra

School: Waterloo C.I.

Senior - Engineering

Silver Medallion (\$60 cash)

(214-NG-S) Revolutionizing Water Purification Using Photocatalysts

Students: Annabel Dong , Amena Syed

School: Sir John A. Macdonald S.S.

Gold Medallion (\$100 cash)

(232-NG-S) WiFire

Student: Ayla Orucevic

School: Individual Entry

(004-NG-S) Guide Mouse: Tactile Feedback for Virtual Environments

Student: Angela Zhang

School: Sir John A. Macdonald S.S.

(166-NG-S) Random Forest Classification of Histopathological Images

Student: Hadi Almalki

School: Sir John A. Macdonald S.S.

Junior - Life Science

Pewter Medallion

(159-LS-J) Muscle Fatigue

Student: River Thomas

School: Hespeler P.S.

(019-LS-J) Remember Me?

Student: Ava McCreedy

School: Hespeler P.S.

(085-LS-J) Bacteria Beware

Student: Giuliana Koledin

School: St. Ignatius of Loyola C.E.S.

(069-LS-J) Truth or TAS

Students: Matthew Kamerman , Tyler Hermes

School: Wm. G. Davis P.S. - Congregated Class

(027-LS-J) Garbage Collectors

Students: Aleksandra Kangur , Kaiden Lee

School: Centennial P.S.

(233-LS-J) Rogue Planets: Could Life Begin Again?

Student: Josh Weber

School: Northlake Woods P.S.

(071-LS-J) How Stress Affects Academic Performance

Students: Jared Vandenberg , Aaron Jain

School: Centennial P.S.

(203-LS-J) Does Social Personality Affect One's Ability To Remember Things?

Student: Olivia Grgich

School: Centennial P.S. - Congregated Class

(191-LS-J) Carrot vs Stick: Which Works Best?

Student: Jeremy Diavolitsis

School: Centennial P.S.

(211-LS-J) How Does Music Affect Your Mood?

Student: Arran Kerr

School: Centennial P.S.

(127-LS-J) Dunning-Kruger Effect: Are you as smart as you think you are?

Student: Jason Li

School: Doon P.S. - Congregated Class

(039-LS-J) Together or Alone? Group Size and Test Scores

Student: Nathan Coleman

School: Doon P.S. - Congregated Class

(183-LS-J) Affects on Memory

Student: Heer Patel

School: Silverheights P.S.

(017-LS-J) Beating The Competition

Students: Saad El-ghazal , Jeddah Stanley-Horn

School: Edna Staebler P.S.

(225-LS-J) Life Changes In A Snap

Student: Aaron Berg

School: Silverheights P.S.

(221-LS-J) A Measure of Memory

Student: Zarra Rahemtulla

School: St. John's-Kilmarnock School

(235-LS-J) Cause for Alarm? A study of student distraction

Students: Zaina Butt , Kianna Toriumi

School: Doon Public School

Bronze Medallion (\$30 cash)

(219-LS-J) 'Now You See It, Now You Don't!'

Student: Duaa Imran

School: International School Of Cambridge

(165-LS-J) Photosynthesis without Plants

Student: Fareed Rasheed

School: International School Of Cambridge

(035-LS-J) Let It Grow

Students: Jasmine Sarong , Dakota worfolk

School: St. Francis of Assisi

(213-LS-J) Here we grow again

Student: Matthew Berruti

School: St. Francis of Assisi

(247-LS-J) A Berry Solution

Student: Tony Nguyen

School: St. Francis of Assisi

(129-LS-J) Off With The Cough

Students: Kate Hagarty , Abigael Truax

School: St. Francis of Assisi

(243-LS-J) My Digital Diet- Sophie Russell- Hespeler Public school

Student: Sophie Russell

School: Hespeler P.S.

(215-LS-J) Where The Wild Things Grow

Student: Sakina Vigil Letang

School: Hespeler P.S.

- (093-LS-J) Bacteriophages vs. Superbugs
Students: Anupam Chettimada , Ethan Ling
School: K.W. Bilingual School
- (133-LS-J) Tasty Time
Students: Aiden Bannan , Ethan Edgar-Dusil
School: Rockway Mennonite Collegiate
- (013-LS-J) Gel Electrophoresis
Students: Daniel kim , Charles Eret
School: Centennial P.S.
- (079-LS-J) How Vision Affects Hearing
Students: Lindsay Weiler , Abby Huo
School: Centennial P.S. - Congregated Class
- (031-LS-J) Losing Weight the Vegetable Way
Student: Kasvi Kaushik
School: St. John's-Kilmarnock School
- (119-LS-J) Backyard Design Promoting Biodiversity
Student: Gabe Singaraja
School: Northlake Woods P.S.
- (223-LS-J) Taking a Stand
Student: Millie Osborne
School: Centennial P.S. - Congregated Class
- (245-LS-J) 'Learning Styles, What About Them?'
Student: Olivia Desroches
School: Centennial P.S. - Congregated Class
- (195-LS-J) A Very A-PEELing Topic: The best method to
preserve bananas
Student: Yashmita Narine
School: Doon P.S. - Congregated Class
- (101-LS-J) I Wet my Plants: How water types affect plant
growth
Student: Abdul Kaddoura
School: Doon P.S. - Congregated Class
- (045-LS-J) To Read or Not to Read: Judging a Book's Cover
Student: Lily Ge
School: Doon P.S. - Congregated Class
- (141-LS-J) Now You See Me Now You Don't
Students: Evan Johnson , Jericho Kroft
School: Silverheights P.S.
- (207-LS-J) Does Eggs-tra Fluoride Help?
Student: Ella Petznick
School: Silverheights P.S.
- (113-LS-J) "'Coffee" Beans: The effect of caffeine on plant
growth'
Student: Laura Tan
School: Doon P.S. - Congregated Class
- (051-LS-J) 'Technology & Handwriting, Is There a Correlation?'
Student: Yasmin Mirzaei
School: Edna Staebler P.S.
- (201-LS-J) Competitive Siblings
Students: Grace Becker , Noelle Giorgio
School: Edna Staebler P.S.
- (147-LS-J) 5 Second Rule? Or Fooled in 5 Seconds? A
bacterial growth study
Students: Muhammad Ahmad , Oliver Byers
School: Doon P.S. - Congregated Class
- (177-LS-J) Risk it: Differences in risk-taking between genders
Students: Stephan Kotlyachkov , Given Harris
School: Doon P.S. - Congregated Class

(241-LS-J) Honey
Student: Taylor Paquette
School: Silverheights P.S.

(135-LS-J) "'Ear"ie sounds'
Students: Poorvi Jain , Justina He
School: MacGregor P.S.

Silver Medallion (\$40 cash)

(033-LS-J) Catch Me If You Can!
Student: Kelsey Wilson
School: Hespeler P.S.

(181-LS-J) Unleash the Other Side
Student: Dominique Skomra
School: Hespeler P.S.

(073-LS-J) Soap vs Hand Sanitizer
Student: Jill Sparks
School: Hespeler P.S.

(175-LS-J) Risky Business!
Students: Charis Ho , Rachel Spanglet
School: K.W. Bilingual School

(049-LS-J) Gram Wars
Students: Cora Byrne , Korina Poljak
School: St. Ignatius of Loyola C.E.S.

(123-LS-J) Evergreen Treatment
Student: Katya Seufert
School: St. Ignatius of Loyola C.E.S.

(011-LS-J) The Many Hues of Hunger
Students: Abigail Sider , Nadia Anwar
School: Wm. G. Davis P.S. - Congregated Class

(047-LS-J) Plate Perception
Students: Leann Roby , Quinn Hearnden
School: Wm. G. Davis P.S. - Congregated Class

(077-LS-J) Rye High!
Student: Shea Cleave
School: Wm. G. Davis P.S. - Congregated Class

(179-LS-J) Beauty Without Blood
Students: Joanna Faria , Jacinta Shrishankar
School: Wm. G. Davis P.S. - Congregated Class

(137-LS-J) Caffeine:Sprout or Stunt
Student: Hailey Schell
School: Rockway Mennonite Collegiate

(021-LS-J) The Differences in Visuospatial Abilities by Age
Student: Brendan Wong
School: Centennial P.S. - Congregated Class

(189-LS-J) Can You Trust Your Brain
Student: Morgan Pankarican
School: St. John's-Kilmarnock School

(003-LS-J) Investigating Thigmotropism
Student: Urszula Korsak
School: Lester B. Pearson P.S.

(115-LS-J) How Colour Affects Memory
Students: Helena Katona , Olivia de Koning
School: Centennial P.S.

(253-LS-J) Conformity and its effects in smaller and larger groups
Student: Dee Ruan
School: Centennial P.S. - Congregated Class

(067-LS-J) The Write Way: The most effective way to take notes
Student: Cynthia Rong
School: Doon P.S. - Congregated Class

(227-LS-J) Perfect Imperfections: What makes a human sound human?
Student: Evan Gorman
School: Doon P.S. - Congregated Class

(153-LS-J) Balloons and Beats: A study of risk-taking
Student: Ethan Wallace
School: Doon P.S. - Congregated Class

(007-LS-J) The Power of Video Brains
Students: Lucy Trefler , Elena Mandres
School: MacGregor P.S.

(143-LS-J) Facing Music
Student: Katerina Bogdanovich
School: Edna Staebler P.S.

(205-LS-J) Distraction Times - When Things Get Testy
Student: Ben Snyder
School: Doon P.S. - Congregated Class

(229-LS-J) Too Much Time
Students: Megan Neville , Chloe Tsiantoulas
School: Edna Staebler P.S.

Gold Medallion (\$70 cash)

(005-LS-J) Banana Flavoured Corn?
Student: Juliette De Mey
School: K.W. Bilingual School

(157-LS-J) Plants Making Memories
Student: Claire Chen
School: K.W. Bilingual School

(029-LS-J) The Halo Effect
Students: Natalie Strilchuk , Sydney Leader
School: Wm. G. Davis P.S. - Congregated Class

(059-LS-J) A Zit is Born
Student: Maya Schiedel
School: St. John's-Kilmarnock School

(043-LS-J) The Key to Memorization
Students: Zoe Tracy-Bacon , Christina Yang
School: Centennial P.S.

(139-LS-J) 'Relationship Between Obesity, Life Expectancy, & Annual GDP'
Student: Ayush Malhotra
School: Centennial P.S. - Congregated Class

(015-LS-J) Soy You Think You're a Fungi: How pH affects mold growth
Student: Jasmine Schneider
School: Doon P.S. - Congregated Class

(107-LS-J) Strategizing Studying: Does coloured paper affect your memory?
Student: Sam Gorman
School: Doon P.S. - Congregated Class

(239-LS-J) 'Who Has More Social Capabilities, Right Vs. Left Brain'
Students: Angelina Wang , Rana Hashem
School: Edna Staebler P.S.

Intermediate - Life Science

Pewter Medallion

(237-LS-I) Future of the Mind
Students: Grace Hur , Lucy Hur
School: Sir John A. Macdonald S.S.

Bronze Medallion (\$40 cash)

(117-LS-I) Neurodegenerative Diseases

Student: Laura Weiler

School: Waterloo C.I.

(173-LS-I) How does Colour Affect Flavour and Taste Perception?

Students: Mitraa Nazirkar , Qianxu Guo

School: Sir John A. Macdonald S.S.

(095-LS-I) Bacteria Battle

Student: Rebecca Grootendorst

School: St. John's-Kilmarnock School

Silver Medallion (\$60 cash)

(149-LS-I) Daphnia and Drugs

Student: Raphael Hanna

School: St. John's-Kilmarnock School

Gold Medallion (\$100 cash)

(209-LS-I) Toxic Socks!

Student: Adriana Ceric

School: Waterloo C.I.

(185-LS-I) Memory: Eyes VS Ears

Students: Aimen Fatima , Ayse Nur Fidan

School: Cameron Heights C.I.

(155-LS-I) Lactobacillus bulgaricus & Streptococcus thermophilus

Student: Eleanor Ciceri

School: St. John's-Kilmarnock School

Senior - Life Science

Bronze Medallion (\$40 cash)

(075-LS-S) Pharmacogenomics: Pinpointing the Silent Killers

Students: Allie Dong , Mikaela Tang

School: Sir John A. Macdonald S.S.

Gold Medallion (\$100 cash)

(161-LS-S) Learning About Algae: Applying ML to Combat HABs

Students: Yuxuan Guo , Ryan Zhang

School: Waterloo C.I.

(089-LS-S) Delivery of DNA to Stem Cells via Nematocysts

Student: Alexander Seufert

School: Centennial C. & V.I.

Junior - Physical and Mathematical Science

Pewter Medallion

(022-PS-J) Potatoes Vs Electricity

Student: Amina Desjardins

School: International School Of Cambridge

(186-PS-J) Forensic Science: Blood Spatter Analysis

Student: Kira Friedrich

School: Hespeler P.S.

(050-PS-J) Apple A Day

Students: Drake Neal , Michael Ruppert

School: Hespeler P.S.

(122-PS-J) 'Ready, Set, Splat!'

Student: Benson Crits

School: Wm. G. Davis P.S. - Congregated Class

(246-PS-J) Substitutes You Can't Egg-nore!

Students: Bhoomi Palta , Vladimir Movsisyan

School: Wm. G. Davis P.S. - Congregated Class

(008-PS-J) It's Getting Hot in Here!
Student: Izzy Speiran
School: Centennial P.S. - Congregated Class

(086-PS-J) Electrolytes in Drinks
Student: Xavi Justino Stefanski
School: St. John's-Kilmarnock School

(062-PS-J) That's Cold
Students: Joshua Garland , Joey McIntyre
School: Centennial P.S.

(052-PS-J) Speedy Stretcher Sled
Students: Lauren Richter , Natalie Hassanien
School: Centennial P.S.

(006-PS-J) An Experiment That ROPES You In: A study of
tensile strength
Student: Raha Rahman
School: Doon P.S. - Congregated Class

(162-PS-J) Wireless Energy
Student: Mariya Turetska
School: Lester B. Pearson P.S.

(012-PS-J) How Low Can You Glow
Students: Raabiah Alarakhia , Maryam Alarakhia
School: MAC Maple Grove School

Bronze Medallion (\$30 cash)

(204-PS-J) Is Smaller Better? Grain Size Effect on Water
Retention in Soils
Student: Seung whan (Peter) Song
School: K.W. Bilingual School

(054-PS-J) Decontamination Station
Student: Shaelyn Mitchell
School: St. Ignatius of Loyola C.E.S.

(150-PS-J) True Blue Crime
Students: Taylor Litt , Mariana Lall
School: St. Ignatius of Loyola C.E.S.

(190-PS-J) Losing the Fizz
Students: Lauren Lacourciere , Sydney Sheridan
School: St. Ignatius of Loyola C.E.S.

(144-PS-J) Password Cracking
Students: Liam Strilchuk , River Yu
School: Wm. G. Davis P.S. - Congregated Class

(194-PS-J) Prepare to be Shocked!
Student: Jacob Bakker
School: K.W. Bilingual School

(018-PS-J) The Power of Curtains
Student: Maitreyi Patel
School: Centennial P.S.

(118-PS-J) Fuel Fight
Student: Ethan Hykamp
School: St. John's-Kilmarnock School

(106-PS-J) 'Soil Degradation: The causes, effects and
solutions'
Student: Shaurya Santhosh
School: Centennial P.S.

(234-PS-J) Industrial vs Natural
Students: Sahiya Alam , Jumanah Mahmoud
School: MAC Maple Grove School

(080-PS-J) 'What Makes Black "Black"?'
Students: Rahnama Pirzada , Aiza Saood
School: MAC Maple Grove School

(044-PS-J) Ice Begone!
Students: Aaleyah Patel , Aya Almanfud
School: MAC Maple Grove School

(224-PS-J) Not a Drop To Drink
Student: Hasan Rashid
School: MAC Maple Grove School

(046-PS-J) Art of Punting with Science
Student: Dooyeon Yeom
School: Laurelwood P.S.

Silver Medallion (\$40 cash)

(170-PS-J) Fantastic Bioplastics
Student: Olivia Jaszczur
School: St. Francis of Assisi

(202-PS-J) Orange You Glad It Floats
Students: Chris Varghese , Nolan Bloor
School: St. Francis of Assisi

(112-PS-J) The Scoop on Shopping Carts
Students: Keira Harte , Elaine Wen
School: K.W. Bilingual School

(108-PS-J) Science You Can't Makeup
Students: Desiree Yhap , Autumn Stokes
School: Wm. G. Davis P.S. - Congregated Class

(222-PS-J) Ice Melters
Student: Sarah Burns
School: Rockway Mennonite Collegiate

(238-PS-J) Diffuse That Pollution!
Student: Leya Oommen
School: K.W. Bilingual School

(152-PS-J) The Carbon Footprint of My Classroom
Student: Catherine Hammill
School: Wm. G. Davis P.S. - Congregated Class

(142-PS-J) Pitcher Perfect
Student: Emma Newman
School: St. John's-Kilmarnock School

(084-PS-J) Freezing Plant Tissues
Student: Punya Umesh
School: Centennial P.S. - Congregated Class

(172-PS-J) Get Your Glow On
Students: Leena Alorbani , Sarah Khan
School: MAC Maple Grove School

Gold Medallion (\$70 cash)

(020-PS-J) Go with the Flow
Student: Sicheng Hao
School: K.W. Bilingual School

(252-PS-J) When Life Gives You Potatoes Make Plastic
Student: Mary Clifford
School: Hespeler P.S.

(068-PS-J) Aspirin Attack
Student: Faryal Ansari
School: Hespeler P.S.

(060-PS-J) 'Breaking the "Tension"
Student: Julian Bal
School: K.W. Bilingual School

(230-PS-J) Cold Current Event!
Student: Yashvi Juneja
School: K.W. Bilingual School

(240-PS-J) How clouds predict short-term weather
Student: Vanessa Schattman
School: Centennial P.S. - Congregated Class

(078-PS-J) The Clear Answer: The best basic method of water purification
Student: Ronak Patel
School: Doon P.S. - Congregated Class

Intermediate - Physical and Mathematical Science

Pewter Medallion

(160-PS-I) The Conductivity of Liquids
Students: Abby Grosz , Amy Vong
School: Galt Collegiate Institute & Vocational School

(226-PS-I) Glucose + Invertase =?
Students: Aiman Ahmed , Mahad Chaudhry
School: Individual Entry

(228-PS-I) Finding the Voltage In Fruits
Students: Marissa Grosz , Aliyah Aziz
School: Galt Collegiate Institute & Vocational School

(254-PS-I) Exploring Sound Resonance
Students: Kyler Green , Evan Taggart
School: Galt Collegiate Institute & Vocational School

Bronze Medallion (\$40 cash)

(148-PS-I) Killing Pain: The Fastest Disintegrating Tylenol Formulation
Student: Nischal Ghookal
School: Waterloo C.I.

(184-PS-I) The most efficient way to get rid of Snow and Ice.
Students: Aditya Keerthi , Yash Sheth
School: Sir John A. Macdonald S.S.

(182-PS-I) Licopene Concentration in Different Tomato Species
Student: Lanlan Wang
School: St. John's-Kilmarnock School

(212-PS-I) How Distance Affects Radiation
Student: Eric Sandusky
School: St. John's-Kilmarnock School

Gold Medallion (\$100 cash)

(244-PS-I) 'Go Green, Drive Clean'
Student: Marina Ilyas
School: Waterloo C.I.

(014-PS-I) A Better Way to Clean Up Oil Spills
Student: Jessica Diao
School: Waterloo C.I.

(208-PS-I) Making Waves
Student: Neil Kaus
School: St. John's-Kilmarnock School

(248-PS-I) String Tension
Student: Karsen Lawrenson
School: St. John's-Kilmarnock School

Senior - Physical and Mathematical Science

Pewter Medallion

(032-PS-S) Shining Light on Bulbs: Expectations and Realities
Student: Delia Cana
School: Waterloo C.I.

(242-PS-S) Unmixing Colours!

Students: Katherine Qin , Cindy Sun

School: Sir John A. Macdonald S.S.

Silver Medallion (\$60 cash)

(058-PS-S) Sinkhole Dedication Using Data Analytics

Student: Narasimha Kalimipalli

School: Waterloo C.I.

Gold Medallion (\$100 cash)

(110-PS-S) Crying Baby Detector

Student: Lina Zhou

School: Sir John A. Macdonald S.S.

(102-PS-S) A Novel Computational Model to Predict Protein
Localizations

Student: Kevin Hu

School: Sir John A. Macdonald S.S.

(132-PS-S) NeuroSIM: A Novel Mathematical Model for
Understanding Epilepsy

Student: Hima Sheth

School: Sir John A. Macdonald S.S.

(176-PS-S) A Healthy Dose of Vectors

Students: Oana Binder , Joshua Lien

School: Sir John A. Macdonald S.S.

(206-PS-S) Countering the Photon-Number Splitting Attack

Students: Andrew Wang , Rachel Kim

School: Sir John A. Macdonald S.S.

(167-PS-S) Cationization of Nanocellulose to Remove M.
Orange

Student: Ashok Pandey

School: Waterloo C.I.

Best in Division - Engineering

Plaque

(166-NG-S) Random Forest Classification of Histopathological
Images

Student: Hadi Almalki

School: Sir John A. Macdonald S.S.

Best in Division - Life Science

Plaque

(089-LS-S) Delivery of DNA to Stem Cells via
Nematocysts

Student: Alexander Seufert

School: Centennial C. & V.I.

Best in Division - Physical and Mathematical Science

Plaque

(176-PS-S) A Healthy Dose of Vectors

Students: Oana Binder , Joshua Lien

School: Sir John A. Macdonald S.S.

2019 Special Award Winners

Best Written Reports

Junior - Trophy

(020-PS-J) Go with the Flow

Student: Sicheng Hao

School: K.W. Bilingual School

(092-NG-J) Multispectral Detector for Non-Destructive Testing of Food

Student: Hardit Singh

School: Centennial P.S. - Congregated Class

(114-NG-J) Peltier Power

Students: Yunus Thai , Arham Sohail

School: MAC Maple Grove School

(012-PS-J) How Low Can You Glow

Students: Raabiah Alarakhia , Maryam Alarakhia

School: MAC Maple Grove School

Intermediate - Trophy

(244-PS-I) 'Go Green, Drive Clean'

Student: Marina Ilyas

School: Waterloo C.I.

Senior - Trophy

(004-NG-S) Guide Mouse: Tactile Feedback for Virtual Environments

Student: Angela Zhang

School: Sir John A. Macdonald S.S.

Stephen J. Little Award for Science Presentation

Trophy and Chapters Gift Card

(132-PS-S) NeuroSIM: A Novel Mathematical Model for Understanding Epilepsy

Student: Hima Sheth

School: Sir John A. Macdonald S.S.

Sir Isaac Newton Award - Junior

Chapters Gift Certificate

(252-PS-J) When Life Gives You Potatoes Make Plastic

Student: Mary Clifford

School: Hespeler P.S.

Sir Isaac Newton Award - Intermediate

Chapters Gift Certificate

(244-PS-I) 'Go Green, Drive Clean'

Student: Marina Ilyas

School: Waterloo C.I.

Sir Isaac Newton Award - Senior

Chapters Gift Certificate

(176-PS-S) A Healthy Dose of Vectors

Students: Oana Binder , Joshua Lien

School: Sir John A. Macdonald S.S.

Chem 13 Award

One year subscription to Scientific American or another scientific journal deemed suitable for the level of the recipient.

(103-NG-J) 'Water from charcoal, coconut shells, and calcium chloride'

Student: Madeleine Horn

School: Individual Entry

2019 Other Award Winners

Ted Rogers Innovation Award

A project that shows entrepreneurial spirit and demonstrates commercial potential (\$100 cash)

(216-NG-I) iCane 2.0: Alternative to Tactile Paving for the Blind
Student: Neil Mitra
School: Waterloo C.I.

Shad Scholarships

Scholarship to attend Shad Valley (\$500 scholarship)

(209-LS-I) Toxic Socks!
Student: Adriana Ceric
School: Waterloo C.I.

(216-NG-I) iCane 2.0: Alternative to Tactile Paving for the Blind
Student: Neil Mitra
School: Waterloo C.I.

(244-PS-I) 'Go Green, Drive Clean'
Student: Marina Ilyas
School: Waterloo C.I.

(014-PS-I) A Better Way to Clean Up Oil Spills
Student: Jessica Diao
School: Waterloo C.I.

(185-LS-I) Memory: Eyes VS Ears
Students: Aimen Fatima , Ayse Nur Fidan
School: Cameron Heights C.I.

(155-LS-I) Lactobacillus bulgaricus & Streptococcus
thermophilus
Student: Eleanor Ciceri
School: St. John's-Kilmarnock School

(208-PS-I) Making Waves
Student: Neil Kaus
School: St. John's-Kilmarnock School

(248-PS-I) String Tension
Student: Karsen Lawrenson
School: St. John's-Kilmarnock School

Stepping Stone Award

Trophy

(020-PS-J) Go with the Flow
Student: Sicheng Hao
School: K.W. Bilingual School

(066-NG-J) Use AI to water city green spaces
Students: Tanner Cheng , Connor Jantzi
School: Linwood District P.S.

2019 Grand Award Winners

Award of Merit

All expense paid trip to the Canada-Wide Science Fair

(244-PS-I) 'Go Green, Drive Clean'

Student: Marina Ilyas

School: Waterloo C.I.

(252-PS-J) When Life Gives You Potatoes Make Plastic

Student: Mary Clifford

School: Hespeler P.S.

(102-PS-S) A Novel Computational Model to Predict Protein Localizations

Student: Kevin Hu

School: Sir John A. Macdonald S.S.

(166-NG-S) Random Forest Classification of Histopathological Images

Student: Hadi Almalki

School: Sir John A. Macdonald S.S.

(176-PS-S) A Healthy Dose of Vectors

Students: Oana Binder , Joshua Lien

School: Sir John A. Macdonald S.S.

(230-PS-J) Cold Current Event!

Student: Yashvi Juneja

School: K.W. Bilingual School

(092-NG-J) Multispectral Detector for Non-Destructive Testing of Food

Student: Hardit Singh

School: Centennial P.S. - Congregated Class

(139-LS-J) 'Relationship Between Obesity, Life Expectancy, & Annual GDP'

Student: Ayush Malhotra

School: Centennial P.S. - Congregated Class

(089-LS-S) Delivery of DNA to Stem Cells via Nematocysts

Student: Alexander Seufert

School: Centennial C. & V.I.

The Award of Excellence

Cash, Certificate, Medallion and Admission Scholarship to University of Ottawa (\$250 cash / \$1000 scholarship)

(166-NG-S) Random Forest Classification of Histopathological Images

Student: Hadi Almalki

School: Sir John A. Macdonald S.S.