

Results of the 45th Annual Bay Area Science and Engineering Fair

Sponsored by the Ontario Trillium Foundation

April 2nd, 2005, Sheridan College Institute of Technology and Advanced Learning, Oakville, Ontario

The BASEF Pinnacle for Best In Fair and the Dofasco Prize

P01 : Using Viruses to Kill Cancer

Natalie Raso

St.Thomas More H.S., HWCDSB

The BASEF Pinnacle for 2nd Best In Fair and the Dofasco Prize

B03 : The Effects of Guanosine on Alpha-Synuclein in a Parkinson's Disease Model

Patrick Martin

Bishop Ryan H.S., HWCDSB

The BASEF Pinnacle for 3rd Best In Fair and the Dofasco Prize

I10 : The Antioxidant Mystery: the effects of antioxidants and free radicals on seed germination

Aaron Hakim

Appleby College, Independent

Roy Middleton Award

I10 : The Antioxidant Mystery: the effects of antioxidants and free radicals on seed germination

Aaron Hakim

Appleby College, Independent

Pfizer Canada Award of Excellence

P01 : Using Viruses to Kill Cancer

Natalie Raso

St.Thomas More H.S., HWCDSB

IISEF Trip Award

B03 : The Effects of Guanosine on Alpha-Synuclein in a Parkinson's Disease Model

Patrick Martin

Bishop Ryan H.S., HWCDSB

M02 : Sounds into Syllables - A Teaching System for Autistic Children

Kayla Cornale

Assumption Secondary, HCDSB

P06 : The effects of herbal remedies vs. antibiotics against bacterial growth

Nikola Lukenda, Christopher Balaban

Cardinal Newman H.S., HWCDSB

P01 : Using Viruses to Kill Cancer (YSF sponsored)

Natalie Raso

St.Thomas More H.S., HWCDSB

BASEF Chairman's Award

J14 : Attack of the Mac

Cameron Walker, Elliott Cheeseman

Oakville Christian School, Independent

Canada-Wide Science Fair Trip Award

B04 : Managing Greenhouse Gas Exchange in a Constructed Wetland Model

Madeleine Martin

Bishop Ryan H.S., HWCDSB

C19 : Fiery Fibres

Julia Brucculieri

St. Agnes, HWCDSB

D06 : Allergen Alert

Kaitlin Lewis

St. Augustine, HWCDSB

D08 : IBD.....a pain in the gut

Sarah Macaluso

St. Augustine, HWCDSB

H09 : Drugged Out Daphnia

Jelena Ilic, Olja Zubic

Sir Wilfrid Laurier, HWDSB

I09 : Julia and The Magic Nitrogen Beans

Julia Mickus

Appleby College, Independent

I10 : The Antioxidant Mystery: the effects of antioxidants and free radicals on seed germination

Aaron Hakim

Appleby College, Independent

M04 : Heart & Keystroke: Simulating the Human Circulatory System

Brian Le

Westdale H.S., HWDSB

M14 : Lightin' Up

Vivian Leung

Captain R. Wilson, HDSB

N08 : Hotel Soap Cycle

Spencer McTavish

Oakville Christian School, Independent

N11 : What You See Is What You Don't Get - An Application of Cognitive Psychology

Nicolas Querques, John Spehar

St. Joseph (Halton Hills), HCDSB

N15 : Metals and Their Weldability

Joseph Querques

Christ the King Secondary School, HCDSB

P01 : Using Viruses to Kill Cancer
Natalie Raso
St.Thomas More H.S., HWCDSB

P02 : Don't Touch This!
Jonathan Harris
Appleby College, Independent

P07 : The Green Machine
Chris Zyluk
Oakville Christian School, Independent

P08 : Particulate Matters, or Does it? Phase II Protecting Air Quality through the use of Particulate Pollution Barriers.
Jordan Bowman
St. Mary's H.S., HWCDSB

Q06 : How Fast Can You Go?
Alex Leung
Oakville Christian School, Independent

I02 : Take a Spoonfull of Honey and Call Me in the Morning
Eric Coomes
Appleby College, Independent

Canada-Wide Science Fair Trip Alternate Award

D05 : From the Kitchen to the Garden
Devin Riley
St. Augustine, HWCDSB

J14 : Attack of the Mac
Cameron Walker, Elliott Cheeseman
Oakville Christian School, Independent

BASEF Committee Trophy

Awarded to the elementary school accumulating the most points for Merit Awards
St. Augustine, HWCDSB

Herb Gildea Memorial Trophy

Awarded to the secondary school accumulating the most points for Merit Awards
Hillfield Strathallan

Acquired Brain Injury Awards

1. A16: Are You Eating Too Much?
Steven Slowka, Sarah Nicholson
St. Joseph (Halton Hills), HCDSB

2. M02: Sounds into Syllables - A Teaching System for Autistic Children
Kayla Cornale
Assumption Secondary, HCDSB

Ambitious City Toastmasters Communications Award

B06: Peanut Power
Chad Regan, Matthew Agro
Corpus Christi, HWCDSB

Ambitious City Toastmasters Leadership Award

C16: Is a Picture Worth a Thousand Words?
Hannah Prince
Sacred Heart, HWCDSB

Artistically Inspired Display Award

H06: Farming Plastic
Andrea Bandow
Sir Wilfrid Laurier, HWDSB

H05: Smokin'
Marleigh White
Sir Wilfrid Laurier, HWDSB

E18: Mission Mars: Discovering Mars
Joseph Almonte
St. Luke, HWCDSB

Bell Canada Computer and Communications Awards

1. M02: Sounds into Syllables - A Teaching System for Autistic Children
Kayla Cornale
Assumption Secondary, HCDSB

2. B16: Are You a Thumbbody?
Carson Tarbutt
Holy Name of Jesus, HWCDSB

Canadian Finishing Systems Award

P08: Particulate Matters, or Does it? Phase II Protecting Air Quality through the use of Particulate Pollution Barriers.
Jordan Bowman
St. Mary's H.S., HWCDSB

Canadian Institute of Mining & Metallurgy Hamilton Branch Awards

1. N15: Metals and Their Weldability
Joseph Querques
Christ the King Secondary School, HCDSB

2. E08: The evaluation of salt and other contaminants on the rate of rusting (rust-a-way)
Christopher Krnezich
St. Jerome, HWCDSB

3. D13: Metal and rust, What's the fuss?
Blayne Tilban
St. Clare of Assisi, HWCDSB

Canadian Nuclear Society (Sheridan Park Branch) Awards - Intermediate or Senior

I04: Super Power's

Stuart Bacon

Appleby College, Independent

N09: Propeller Power

Peter MacCauley

Bishop Tonnos Secondary, HWCDSB

Canadian Nuclear Society (Sheridan Park Branch) Awards - Junior

M14: Lightin' Up

Vivian Leung

Captain R. Wilson, HDSB

N02: Wind or Water: Electrons Flow

Richard Bryce, Simon Russell

Sir Wilfrid Laurier, HWDSB

Cancer Assistance Programme Awards

1. P01: Using Viruses to Kill Cancer

Natalie Raso

St.Thomas More H.S., HWCDSB

2. E19: Cesium and Cancer : What's the Connection

Chiara Genovese

St. Margaret Mary, HWCDSB

3. F07: Soaking UpThe Sun...

Ashley Fowler, Natalie Michalski

St. Mark, HWCDSB

Chemical Institute of Canada- Hamilton Section Awards

H08: C For Yourself

Nikolija Borjan

Sir Wilfrid Laurier, HWDSB

C02: Rain, Rain, GO AWAY!

Augustine Krawchenko

Holy Spirit, HWCDSB

Q04: Agricultural affects of "smoke water"

Craig Chittenden, Brandon Shiplo

North Park Collegiate & V.S., GEDSB

City of Hamilton Mayor's Award

1. N07: NANOsized me! - Nutritious And Never Obese

Jeff van Leeuwen, Zack Romyn

Hillfield - Strathallan College, Independent

2. P01: Using Viruses to Kill Cancer

Natalie Raso

St.Thomas More H.S., HWCDSB

3. B03: The Effects of Guanosine on Alpha-Synuclein in a Parkinson's Disease Model

Patrick Martin

Bishop Ryan H.S., HWCDSB

DaVinci Award

M02: Sounds into Syllables - A Teaching System for Autistic Children

Kayla Cornale

Assumption Secondary, HCDSB

Dofasco By-Products Utilization Award

N08: Hotel Soap Cycle

Spencer McTavish

Oakville Christian School, Independent

Dofasco Chemical Testing Award

D11: Chromo Coffee

Matthew Bontje, Aaron Townsend

St. Augustine, HWCDSB

Dofasco Commercial Department

A19: What Lies Beneath...Your Burger

Jennifer MacDonald, Amy Brierley

St. Joseph (Halton Hills), HCDSB

Dofasco Creativity & Innovation Community of Practice Award

M02: Sounds into Syllables - A Teaching System for Autistic Children

Kayla Cornale

Assumption Secondary, HCDSB

Dofasco Engineering & Maintenance Technology Award

N14: Magnets and Motion: A New Look at Maglev

Benjamin Gulak, Alexander Molloy

Hillfield - Strathallan College, Independent

Dofasco Environmental Award

P08: Particulate Matters, or Does it? Phase II Protecting Air Quality through the use of Particulate Pollution Barriers.

Jordan Bowman

St. Mary's H.S., HWCDSB

Dofasco Hot Mill Award

C19: Fiery Fibres

Julia Brucculieri

St. Agnes, HWCDSB

Dofasco Human Resources and Training Development Award

E12: Mathematical Inclination and Recreation Part 2

Margaret Martin

St. John the Baptist, HWCDSB

Dofasco Information Systems Award

N10: Cabin Fever

Mira Anand

Dalewood, HWDSB

Dofasco Market Development and Product Application Award

Q08: Planning With Sound Barriers

Stephanie Collins

Oakville Christian School, Independent

Dofasco Medical Department Award

P06: The effects of herbal remedies vs. antibiotics against bacterial growth

Nikola Lukenda, Christopher Balaban

Cardinal Newman H.S., HWCDSB

Dofasco Process Automation Award

A15: super duper hydro army thing

Nicole Khosla, Matthew Malczuk

St. Dominic, HCDSB

Dofasco- Product Development Business Process Award

M14: Lightin' Up

Vivian Leung

Captain R. Wilson, HDSB

Dofasco Research and Development Award

D09: Bright Ideas

Megan Russell

St. Augustine, HWCDSB

Dofasco Steelmaking Award

N15: Metals and Their Weldability

Joseph Querques

Christ the King Secondary School, HCDSB

Dofasco Zyplex Material Science Award

E10: What goes up must...stay up!

Alexander Keating

St. John the Baptist, HWCDSB

Dr. Colin J.L.Lock Memorial Chemistry Award

Q04: Agricultural affects of "smoke water"

Craig Chittenden, Brandon Shiplo

North Park Collegiate & V.S., GEDSB

Dr. M. Doyle Award

I10: The Antioxidant Mystery: the effects of antioxidants and free radicals on seed germination

Aaron Hakim

Appleby College, Independent

Electrical Construction Association of Hamilton Award

N14: Magnets and Motion: A New Look at Maglev

Benjamin Gulak, Alexander Molloy

Hillfield - Strathallan College, Independent

Gowlings Innovation Award

1. N07: NANOsized me! - Nutritious And Never Obese

Jeff van Leeuwen, Zack Romyn

Hillfield - Strathallan College, Independent

2. P07: The Green Machine

Chris Zyluk

Oakville Christian School, Independent

Halton Regional Chairman's Awards for Student Excellence

Q02: Optimizing Methanogenic Bacteria Growth in an Anaerobic Digester

Andrew Darby

Notre Dame H.S., HCDSB

N15: Metals and Their Weldability

Joseph Querques

Christ the King Secondary School, HCDSB

M02: Sounds into Syllables - A Teaching System for Autistic Children

Kayla Cornale

Assumption Secondary, HCDSB

Hamilton Amateur Astronomers Science Award

E18: Mission Mars: Discovering Mars

Joseph Almonte

St. Luke, HWCDSB

Hamilton Wentworth Occasional Teacher Local Environment and Education Award

J12: Preventing Collisions

Glenda Tse, Christina Bender

Oakville Christian School, Independent

Hamilton Wentworth Occasional Teacher Local Healthy Lifestyles Award

B08: Ready, Set, Go

Nicole Stubbs, Danielle Horvat

Corpus Christi, HWCDSB

Hamilton Wentworth Occasional Teacher Local Presentation and Aesthetics Award

M05: Wattsss...Up

Joseph Barzetti

St. Francis Xavier, HWCDSB

Helen Crawford Memorial Award

E19: Cesium and Cancer : What's the Connection

Chiara Genovese

St. Margaret Mary, HWCDSB

IEEE Hamilton Section Award - Advanced

N06: ROVing Around - Building an ROV from Scratch

Nicholas Weaver

Dr. John Seaton, HWDSB

IEEE Hamilton Section Award - Beginner

Q06: How Fast Can You Go?

Alex Leung

Oakville Christian School, Independent

ISEF - American Meteorological Society

P05: Global Warming Menace

Manmeet Kaur

Eastview, HDSB

ISEF - ASM International Foundation

N15: Metals and Their Weldability

Joseph Querques

Christ the King Secondary School, HCDSB

ISEF - Association for Women GeoScientists

G01: Earth's Water On The MOVE!!

Ariel Torres, Kelly Pacheco

St. Therese of Liseux, HWCDSB

ISEF - Eastman Kodak Company Photography Award

P01: Using Viruses to Kill Cancer

Natalie Raso

St.Thomas More H.S., HWCDSB

ISEF - Intel Excellence Award - Computer Science

M02: Sounds into Syllables - A Teaching System for Autistic Children

Kayla Cornale

Assumption Secondary, HCDSB

ISEF - International Society for Optical Engineering, The

G12: UV The Invisible Danger

Ben Greenlay

Dalewood, HWDSB

ISEF - MU Alpha Theta Award

M04: Heart & Keystroke: Simulating the Human Circulatory System

Brian Le

Westdale H.S., HWDSB

ISEF - Ricoh Sustainable Development Award

B04: Managing Greenhouse Gas Exchange in a Constructed Wetland Model

Madeleine Martin

Bishop Ryan H.S., HWCDSB

ISEF - Society for In Vitro Biology

B03: The Effects of Guanosine on Alpha-Synuclein in a Parkinson's Disease Model

Patrick Martin

Bishop Ryan H.S., HWCDSB

ISEF - Yale Science & Engineering Association

H15: Is Nanotechnology Safe?

Paul Dickin

Westdale H.S., HWDSB

McMaster University Department of Chemistry Award

Q04: Agricultural affects of "smoke water"

Craig Chittenden, Brandon Shiplo

North Park Collegiate & V.S., GEDSB

McMaster University Engineering Society Award

P09: Hoovercraft

Ben Munoz, Brett Hull

St. Ann (Ancaster), HWCDSB

McMaster University Faculties of Science and Engineering Tuition Awards

P07: The Green Machine

Chris Zylik

Oakville Christian School, Independent

N15: Metals and Their Weldability

Joseph Querques

Christ the King Secondary School, HCDSB

N05: A Green Clean Driving Machine

Daniel Ipema, Albert Van Santvoort

St. Bernadette, HWCDSB

P01: Using Viruses to Kill Cancer

Natalie Raso

St.Thomas More H.S., HWCDSB

N14: Magnets and Motion: A New Look at Maglev

Benjamin Gulak, Alexander Molloy

Hillfield - Strathallan College, Independent

Mechanical Contractors Association of Hamilton Award

N14: Magnets and Motion: A New Look at Maglev

Benjamin Gulak, Alexander Molloy

Hillfield - Strathallan College, Independent

Microsoft “You Can Make A Difference” Award

N15: Metals and Their Weldability

Joseph Querques

Christ the King Secondary School, HCDSB

Mohawk College Building & Construction Sciences Awards - Building Sciences

C03: Insulation Some Like it Hot, Some Like it Cold

Christine MacCauley

Holy Spirit, HWCDSB

Mohawk College Building & Construction Sciences Awards - Civil Engineering

A04: Spaghetti Spans

Stuart Pearson

Notre Dame H.S., HCDSB

Mohawk College Building & Construction Sciences Awards - Transportation Engineering

Q08: Planning With Sound Barriers

Stephanie Collins

Oakville Christian School, Independent

Mohawk College Chemical and Environmental Engineering Technology Awards - intermediate or senior applied chemisrty

H14: Crushing Pollution One Can at a Time

Alethea Rockwell, Tani Weber

Westdale H.S., HWDSB

Mohawk College Chemical and Environmental Engineering Technology Awards - junior environmental studies

D05: From the Kitchen to the Garden

Devin Riley

St. Augustine, HWCDSB

Mohawk College Computer Science & Information Technology - Computer Excellence Award

M02: Sounds into Syllables - A Teaching System for Autistic Children

Kayla Cornale

Assumption Secondary, HCDSB

Mohawk College Electro Technology Awards - Computer Engineering

N14: Magnets and Motion: A New Look at Maglev

Benjamin Gulak, Alexander Molloy

Hillfield - Strathallan College, Independent

Mohawk College Electro Technology Awards - Electronic/Electrical Instrumentation

N06: ROVing Around - Building an ROV from Scratch

Nicholas Weaver

Dr. John Seaton, HWDSB

Mohawk College Mathematics Awards

B03: The Effects of Guanosine on Alpha-Synuclein in a Parkinson's Disease Model

Patrick Martin

Bishop Ryan H.S., HWCDSB

Mohawk College Mathematics Awards

Q06: How Fast Can You Go?

Alex Leung

Oakville Christian School, Independent

Mohawk- Mechanical & Industrial Engineering Technology Awards

N09: Propeller Power

Peter MacCauley

Bishop Tonnos Secondary, HWCDSB

National Science and Engineering Research Council (NSERC) Awards

H09: Drugged Out Daphnia

Jelena Ilic, Olja Zubic

Sir Wilfrid Laurier, HWDSB

B03: The Effects of Guanosine on Alpha-Synuclein in a Parkinson's Disease Model

Patrick Martin

Bishop Ryan H.S., HWCDSB

P01: Using Viruses to Kill Cancer

Natalie Raso

St.Thomas More H.S., HWCDSB

Nelson Steel Awards - chemistry

M11: Titanium Dioxide Phenomenon

Andrew Dinnin, Michael Shaw

Hillfield - Strathallan College, Independent

Nelson Steel Awards - environmental

B04: Managing Greenhouse Gas Exchange in a Constructed Wetland Model

Madeleine Martin

Bishop Ryan H.S., HWCDSB

Nelson Steel Awards - steel

N15: Metals and Their Weldability

Joseph Querques

Christ the King Secondary School, HCDSB

Nicola Simmons Award in Cognition Studies

M02: Sounds into Syllables - A Teaching System for Autistic Children

Kayla Cornale

Assumption Secondary, HCDSB

Ontario Association of Medical Laboratories (OAML) Award

P01: Using Viruses to Kill Cancer

Natalie Raso

St.Thomas More H.S., HWCDSB

B03: The Effects of Guanosine on Alpha-Synuclein in a Parkinson's Disease Model

Patrick Martin

Bishop Ryan H.S., HWCDSB

Primary Fluid Systems Earth & Environmental Sciences Awards- Junior & Intermediate

M11: Titanium Dioxide Phenomenon

Andrew Dinnin, Michael Shaw

Hillfield - Strathallan College, Independent

F14: The Coughing Truth

Angela Chiarelli

St. Teresa of Avila, HWCDSB

D10: Hydro Bills . . . Gone With The Wind?

Alysha Socha

St. Augustine, HWCDSB

B20: Tsunami Science

Natalia Wityk

Holy Spirit, HWCDSB

B04: Managing Greenhouse Gas Exchange in a Constructed Wetland Model

Madeleine Martin

Bishop Ryan H.S., HWCDSB

P08: Particulate Matters, or Des it? Phase II Protecting Air Quality through the use of Particulate Pollution Barriers.

Jordan Bowman

St. Mary's H.S., HWCDSB

Primary Fluid Systems Engineering Awards - Junior & Intermediate

N02: Wind or Water: Electrons Flow

Richard Bryce, Simon Russell

Sir Wilfrid Laurier, HWDSB

N14: Magnets and Motion: A New Look at Maglev

Benjamin Gulak, Alexander Molloy

Hillfield - Strathallan College, Independent

D17: The Thrills Vs Safety on a Roller Coaster

Alexandra McDonald

St. Clare of Assisi, HWCDSB

J18: Break A Wave

Alicia Ault

Rotherglen School, Independent

N15: Metals and Their Weldability

Joseph Querques

Christ the King Secondary School, HCDSB

N06: ROVing Around - Building an ROV from Scratch

Nicholas Weaver

Dr. John Seaton, HWDSB

Primary Fluid Systems Physical Sciences Awards - Junior & Intermediate

N09: Propeller Power

Peter MacCauley

Bishop Tonno Secondary, HWCDSB

D14: Marble-ous Velocity

Eric Scott

St. Clare of Assisi, HWCDSB

G12: UV The Invisible Danger

Ben Greenlay

Dalewood, HWDSB

D04: Enzymes

Emily Hasey

St. Anthony of Padua, HWCDSB

M14: Lightin' Up

Vivian Leung

Captain R. Wilson, HDSB

Q06: How Fast Can You Go?

Alex Leung, Oakville Christian School

Procor Engineering Awards - Intermediate

D09: Bright Ideas

Megan Russell

St. Augustine, HWCDSB

Procor Engineering Awards - Junior

M12: Wood vs. Foam: Which is the better insulator?

Matthew DelFiacco

St. Clare of Assisi, HWCDSB

Procor Engineering Awards - Senior

M11: Titanium Dioxide Phenomenon

Andrew Dinnin, Michael Shaw

Hillfield - Strathallan College, Independent

Professional Engineers of Ontario - Oakville Chapter Engineering Award

P09: Hoovercraft

Ben Munoz, Brett Hull

St. Ann (Ancaster), HWCDSB

Q06: How Fast Can You Go?

Alex Leung

Oakville Christian School, Independent

Professional Engineers of Ontario-Hamilton Chapter Awards

1. N06: ROVing Around - Building an ROV from Scratch

Nicholas Weaver

Dr. John Seaton, HWDSB

2. N15: Metals and Their Weldability

Joseph Querques

Christ the King Secondary School, HCDSB

3. P07: The Green Machine

Chris Zyluk

Oakville Christian School, Independent

Ramanujan Mathematics Awards

N13: The Bernoulli Principle

Yiyong Lok

Rotherglen School, Independent

M14: Lightin' Up

Vivian Leung

Captain R. Wilson, HDSB

M04: Heart & Keystroke: Simulating the Human Circulatory System

Brian Le

Westdale H.S., HWDSB

Safety Management Systems Software Award

M02: Sounds into Syllables - A Teaching System for Autistic Children

Kayla Cornale

Assumption Secondary, HCDSB

Science Teachers Association of Ontario Awards

H09: Drugged Out Daphnia

Jelena Ilic, Olja Zubic

Sir Wilfrid Laurier, HWDSB

I10: The Antioxidant Mystery: the effects of antioxidants and free radicals on seed germination

Aaron Hakim

Appleby College, Independent

The Hamilton Utilities Corporation/Hamilton Community Energy Award

N05: A Green Clean Driving Machine

Daniel Ipema, Albert Van Santvoort

St. Bernadette, HWCDSB

D10: Hydro Bills . . . Gone With The Wind?

Alysha Socha

St. Augustine, HWCDSB

M14: Lightin' Up
Vivian Leung
Captain R. Wilson, HDSB

The Investigative Science Award

D04: Enzymes
Emily Hasey
St. Anthony of Padua, HWCDSB

The Tinnerman Palnut Engineered Products (Canada) Corporation Award

N14: Magnets and Motion: A New Look at Maglev
Benjamin Gulak, Alexander Molloy
Hillfield - Strathallan College, Independent

University of Ottawa Admission Scholarship

B03: The Effects of Guanosine on Alpha-Synuclein in a Parkinson's Disease Model
Patrick Martin
Bishop Ryan H.S., HWCDSB

Zonta Club of Hamilton Awards

H06: Farming Plastic
Andrea Bandow
Sir Wilfrid Laurier, HWDSB

B10: C.S.I Corpus Christi
Kirsten Davison, Sarah Cifani
Corpus Christi, HWCDSB

M02: Sounds into Syllables - A Teaching System for Autistic Children
Kayla Cornale
Assumption Secondary, HCDSB

Merit Awards

Gold

B03 : The Effects of Guanosine on Alpha-Synuclein in a Parkinson's Disease Model
Patrick Martin
Bishop Ryan H.S., HWCDSB

H09 : Drugged Out Daphnia
Jelena Ilic, Olja Zubic
Sir Wilfrid Laurier, HWDSB

I02 : Take a Spoonfull of Honey and Call Me in the Morning
Eric Coomes
Appleby College, Independent

I10 : The Antioxidant Mystery: the effects of antioxidants and free radicals on seed germination
Aaron Hakim
Appleby College, Independent

M02 : Sounds into Syllables - A Teaching System for Autistic Children

Kayla Cornale

Assumption Secondary, HCDSB

P01 : Using Viruses to Kill Cancer

Natalie Raso

St. Thomas More H.S., HWCDSB

P02 : Don't Touch This!

Jonathan Harris

Appleby College, Independent

P08 : Particulate Matters, or Des it? Phase II Protecting Air Quality through the use of Particulate Pollution Barriers.

Jordan Bowman

St. Mary's H.S., HWCDSB

Silver

A16 : Are You Eating Too Much?

Steven Slowka, Sarah Nicholson

St. Joseph (Halton Hills), HCDSB

B04 : Managing Greenhouse Gas Exchange in a Constructed Wetland Model

Madeleine Martin

Bishop Ryan H.S., HWCDSB

C09 : Melt Down

Denise Densmore

Our Lady of Lourdes, HWCDSB

C13 : Water Play Filter Away

Steven Douglas

Our Lady of Peace, HWCDSB

C16 : Is a Picture Worth a Thousand Words?

Hannah Prince

Sacred Heart, HWCDSB

C19 : Fiery Fibres

Julia Brucculieri

St. Agnes, HWCDSB

D05 : From the Kitchen to the Garden

Devin Riley

St. Augustine, HWCDSB

D06 : Allergen Alert

Kaitlin Lewis

St. Augustine, HWCDSB

D07 : Burn Baby . . . Heart Burn

Lana Socha

St. Augustine, HWCDSB

D08 : IBD.....a pain in the gut

Sarah Macaluso

St. Augustine, HWCDSB

D09 : Bright Ideas

Megan Russell

St. Augustine, HWCDSB

F07 : Soaking UpThe Sun...

Ashley Fowler, Natalie Michalski

St. Mark, HWCDSB

F20 : Erosion its Eating Us Away!

Samantha Sousa

St. Therese of Liseux, HWCDSB

G12 : UV The Invisible Danger

Ben Greenlay

Dalewood, HWDSB

H05 : Smokin'

Marleigh White

Sir Wilfrid Laurier, HWDSB

H15 : Is Nanotechnology Safe?

Paul Dickin

Westdale H.S., HWDSB

I05 : A Burning Question

Aaron Ehgoetz

Appleby College, Independent

I09 : Julia and The Magic Nitrogen Beans

Julia Mickus

Appleby College, Independent

I17 : Guess Who's Coming To Dinner

Alisa Lagrotteria

Hillfield - Strathallan College, Independent

J05 : Stalagmites and Stalactites

Calum Mathews

Hillfield - Strathallan College, Independent

J14 : Attack of the Mac

Cameron Walker, Elliott Cheeseman

Oakville Christian School, Independent

J18 : Break A Wave

Alicia Ault

Rotherglen School, Independent

M04 : Heart & Keystroke: Simulating the Human Circulatory System

Brian Le

Westdale H.S., HWDSB

M14 : Lightin' Up

Vivian Leung

Captain R. Wilson, HDSB

N08 : Hotel Soap Cycle

Spencer McTavish

Oakville Christian School, Independent

N11 : What You See Is What You Don't Get - An Application of Cognitive Psychology

Nicolas Querques, John Spehar

St. Joseph (Halton Hills), HCDSB

N14 : Magnets and Motion: A New Look at Maglev

Benjamin Gulak, Alexander Molloy

Hillfield - Strathallan College, Independent

N15 : Metals and Their Weldability

Joseph Querques

Christ the King Secondary School, HCDSB

P06 : The effects of herbal remedies vs. antibiotics against bacterial growth

Nikola Lukenda, Christopher Balaban

Cardinal Newman H.S., HWCDSB

P07 : The Green Machine

Chris Zylik

Oakville Christian School, Independent

Q01 : Paintings In The Sky

Merryn Maynard, Sarah Eastwood

Dalewood, HWDSB

Q02 : Optimizing Methanogenic Bacteria Growth in an Anaerobic Digester

Andrew Darby

Notre Dame H.S., HCDSB

Q06 : How Fast Can You Go?

Alex Leung

Oakville Christian School, Independent

Bronze

A08 : To Grow or Not to Grow-That is the Question: a Bacterial Growth Experiment

M.J. O'Grady

Sacred Heart of Jesus, HCDSB

A10 : Sugar Bombs 2

Meghan Palozzi

St. Andrew, HCDSB

A17 : Battle of the Battery Brands

Mike Brown, Shane Carr

St. Joseph (Halton Hills), HCDSB

A19 : What Lies Beneath...Your Burger

Jennifer MacDonald, Amy Brierley

St. Joseph (Halton Hills), HCDSB

B08 : Ready, Set, Go

Nicole Stubbs, Danielle Horvat

Corpus Christi, HWCDSB

B10 : C.S.I Corpus Christi

Kirsten Davison, Sarah Cifani

Corpus Christi, HWCDSB

B20 : Tsunami Science

Natalia Wityk

Holy Spirit, HWCDSB

C01 : Energy Bars and Diabetes

Maksym Korol, Samuel Queripel

Holy Spirit, HWCDSB

C02 : Rain, Rain, GO AWAY!

Augustine Krawchenko

Holy Spirit, HWCDSB

C03 : Insulation Some Like it Hot, Some Like it Cold

Christine MacCauley

Holy Spirit, HWCDSB

C04 : Fatty Fast Foods

Lucas Kramar

Holy Spirit, HWCDSB

C15 : It's In Your Hands

Dara Melanson, Eryn Stewart

Sacred Heart, HWCDSB

C17 : where Does It Go?
Brittany Serrani, Christina Oliveira
St. Agnes, HWCDSB

C20 : Do You "C" What I "C"?
Pauline Nichol, Lauren Biasetti
St. Agnes, HWCDSB

D04 : Enzymes
Emily Hasey
St. Anthony of Padua, HWCDSB

D10 : Hydro Bills . . . Gone With The Wind?
Alysha Socha
St. Augustine, HWCDSB

D11 : Chromo Coffee
Matthew Bontje, Aaron Townsend
St. Augustine, HWCDSB

D12 : H2O
Jenna Wild
St. Augustine, HWCDSB

D16 : Burn Baby Burn
Matt Santoli
St. Clare of Assisi, HWCDSB

D20 : EggCellent Teeth
Jenna Frank
St. James the Apostle, HWCDSB

E10 : What goes up must...stay up!
Alexander Keating
St. John the Baptist, HWCDSB

E12 : Mathematical Inclination and Recreation Part 2
Margaret Martin
St. John the Baptist, HWCDSB

E17 : odorless
Yasaman Karimianpour, Yurissa Varela-Marela
St. Joseph, HWCDSB

F02 : Slip Sliding Away
Vincent Sienna, Darren Callaghan
St. Mark, HWCDSB

F03 : You Take My Breath Away
Ashley Battaglia
St. Mark, HWCDSB

F04 : Handee Soap
Ashley Trevisani, Chantel Williston
St. Mark, HWCDSB

F15 : Egg-cellent Strength
Joey Borsellino
St. Teresa of Avila, HWCDSB

F19 : Acid or Base?
Jessica Cialini, Maryellen Tedeschi
St. Therese of Liseux, HWCDSB

G03 : Just Add Ice
Bryan Lehman
Billy Green, HWDSB

G05 : "A Salty Solution" How Salt Affects The Freezing Point of Water
James Tonogai
Billy Green, HWDSB

G08 : Quiet! The Peas are Listening
Aaron Jan
Dalewood, HWDSB

G09 : Perchance to Dream
Jasmine Dong, Julia Kochuk
Dalewood, HWDSB

G13 : Notes and Neurons
Chenwei Ji, Sam Elliott
Dalewood, HWDSB

G16 : Super Fries Us
Stephanie Clark, Joanna Harkness
Dundas District, HWDSB

H01 : The Effects of Rhythmic Drumming on the Nervous System
Matthew Cangiano
Ryerson, HWDSB

H04 : MOOve Over Bacteria
Diana Kanlic
Sir Wilfrid Laurier, HWDSB

H06 : Farming Plastic
Andrea Bandow
Sir Wilfrid Laurier, HWDSB

H07 : Termination of Germination
Lana Kovacevic, Milcah Rodriguez
Sir Wilfrid Laurier, HWDSB

H13 : Does the shape of an ice cube affect how long it takes to melt?

Sali Ravo, Samantha Fleming

Templemead, HWDSB

H16 : Fantastik? Maybe Not!

Lingfei Liu

Westdale H.S., HWDSB

I07 : Hair Absorbs Oil

Patrick Aubrey

Appleby College, Independent

I08 : Save Energy... For a Better Future!

Yashoda Singh

Appleby College, Independent

J02 : "AcetaminoFUN" Comparing Dissolution Rates of Acetaminophen

Caroline Dunton

Hillfield - Strathallan College, Independent

J09 : Eco. Friendly Cleaners vs. Non-Eco. Friendly Cleaners

Sarah Robson

Hillfield - Strathallan College, Independent

J12 : Preventing Collisions

Glenda Tse, Christina Bender

Oakville Christian School, Independent

M03 : Spin With The Wind

Lora Capobianco

Hillfield - Strathallan College, Independent

M05 : Wattsss...Up

Joseph Barzetti

St. Francis Xavier, HWCDSD

M06 : UV Curing of Marine Resins

Lauren Bursey

Hillfield - Strathallan College, Independent

M07 : Deep Fried

Felicia Assenza, Natalie Quercia

St. Clare of Assisi, HWCDSD

M11 : Titanium Dioxide Phenomenon

Andrew Dinnin, Michael Shaw

Hillfield - Strathallan College, Independent

M12 : Wood vs. Foam: Which is the better insulator?

Matthew DeFiaccio

St. Clare of Assisi, HWCDSB

N05 : A Green Clean Driving Machine

Daniel Ipema, Albert Van Santvoort

St. Bernadette, HWCDSB

N09 : Propeller Power

Peter MacCauley

Bishop Tonnos Secondary, HWCDSB

N12 : TV + Math Homework= ???

Cam McDonald, Stefan Lambevski

Rotherglen School, Independent

N13 : The Bernoulli Principle

Yiyong Lok

Rotherglen School, Independent

P09 : Hoovercraft

Ben Munoz, Brett Hull

St. Ann (Ancaster), HWCDSB

P10 : Subliminal Messages

Maxwell Crispo, Samantha Richter

Hillfield - Strathallan College, Independent

Q04 : Agricultural affects of "smoke water"

Craig Chittenden, Brandon Shiplo

North Park Collegiate & V.S., GEDSB

Q05 : The Street Racer

Adam Forgione

Oakville Christian School, Independent

Q08 : Planning With Sound Barriers

Stephanie Collins

Oakville Christian School, Independent

Honourable Mention

A07 : Examination of Precipitation

Deanna Langlois, Lauren Macdonald

Sacred Heart of Jesus, HCDSB

B01 : Water, Seeds, and Pollutants

Natalie Fox

Thomas A. Blakelock H.S., HDSB

B06 : Peanut Power
Chad Regan, Matthew Agro
Corpus Christi, HWCDSB

F14 : The Coughing Truth
Angela Chiarelli
St. Teresa of Avila, HWCDSB

H02 : Hydrogen Fuel Cells
Erik Dickenson
Ryerson, HWDSB

I19 : Viscosity
Sara Greco, Krizia Scattolon
Hillfield - Strathallan College, Independent

P05 : Global Warming Menace
Manmeet Kaur
Eastview, HDSB