Quinte Regional Science And Technology Fair Expo-sciences régionale de Quinte





4 - First Round Group 1 (Other)

Sponsored by: Kiwanis Clubs of Tweed and Trenton

Presented by: Janice McConnell First Place Grade 4 Group 1

Awarded to:

402 Olivia Turton

Isla Vissor

How light colour affects plant growth

Grade 4 - First Round Group 2 (Other)

Sponsored by: Kiwanis Clubs of Tweed and Trenton

Presented by: Janice McConnell First Place Grade 4 Group 2

Awarded to:

413 Amelia McAllister

Race to Dissolve















Quinte Regional Science And Technology Fair Expo-sciences régionale de Quinte





Best in Grade 4 (Grand)

Sponsored by: Kiwanis Clubs of Tweed	l and	Trenton
--------------------------------------	-------	---------

Presented by: Janice McConnell

Best in Grade 4 Plaque

Awarded	to:		
402	Olivia Turton	Isla Vissor	How light colour affects plant growth
	- First Round Grou		
-	d by: Proctor and Ga	amble	
Presented	e Grade 5 Group 1		
riist i iac	e Grade 3 Group 1		
Awarded	to:		
510	Lauren Dulmage		Lauren's Bridge is Falling Down
Grade 5	- First Round Grou	ın 2 (Other)	
	d by: Proctor and Ga		
Presented	•		
	e Grade 5 Group 2		
Awarded	to:		
509	Serenity Lake		An Undercover Investigation
Best in G	Frade 5 (Grand)		
Sponsore	d by: Proctor and Ga	amble	
Presented	by:		
Best in G	rade 5 Plaque		
Awarded	to:		
509	Serenity Lake		An Undercover Investigation















Quinte Regional Science And Technology Fair Expo-sciences régionale de Quinte





Grade 6 - First Round Group 1 (Other)

Sponsored by: Kennametal

Presented by: Nick Pfeiffer, Superintendent of Business, Hastings Prince Edward District School

Board			
First Place Grade 6 Group 1			
Awarded to:			
628 Ares Worsley		Night Sky	
Grade 6 - First Round Group 2	(Other)		
Sponsored by: Kennametal			
Presented by:			
First Place Grade 6 Group 2			
Awarded to:			
607 Akaterine Ross		Puffer Fish	
Grade 6 - First Round Group 3	(Other)		
Sponsored by: Kennametal			
Presented by:			
Grade 6- First Round Group 3			
Awarded to:			
603 Kaidence Dziekanski	Alexis Wilkinson	Memory	



















Grade 6 - First Round Group 4 (Other)	
Sponsored by: Kennametal	
Presented by:	
Grade 6-First Round Group 3	
Awarded to:	
604 Lachlann Bremner	Sucrose toxicity and benthic hatching
Grade 6 - First Round Group 5 (Other)	
Sponsored by: Kennametal	
Presented by:	
Grade 6- First Round Group 5	
Awarded to:	
627 Eloise Ruth Adair Rooney	Can Virtual Reality Relieve Pain?
Best in Grade 6 (Grand)	
Sponsored by: Kennametal	
Presented by:	
Not awarded	
Best in Grade 6 Plaque	
Awarded to:	
627	Eloise Ruth Adair Rooney
Can Virtual Reality Relieve Pain?	
Grade 7 - First Round Group 1 (Other)	
Sponsored by: Wellington Rotary Club	
Presented by:	
First Place Grade 7 Group 1	
Awarded to:	
705 Rebecca-Lynn Lepine Plant Growth	















Quinte Regional Science And Technology Fair Expo-sciences régionale de Quinte

Best in Grade 7 (Grand)





-	red by: Wellington Rotary					
	Presented by:					
Best in	Grade 7 Plaque					
Awarde	ed to:					
	Rebecca-Lynn Lepine Plant Growth					
	8 - First Round Group 1					
-	red by: Rotary Clubs of P	icton and Stirling				
	ed by:					
First Pla	ace Grade 8 Group 1					
Awarde	ed to:					
801	. Surya Narayan Santhakum	ar	Snow SBOT			
Grade	8 - First Round Group 2	(Other)				
	red by: Rotary Clubs of Pa					
-	ed by:	eton and stirring				
	ace Grade 8 Group 2					
THSUFF	ace Grade o Group 2					
Awarde	ed to:					
806	Cyptin Allen Lambert	Maya Bianchi	Does social media effect yo	ur short-term memory?		



















Best in Gr	rade 8 (Grand)				
Sponsored	by: Rotary Clubs of Picton and Stirl	ing			
Presented b	by:				
Best in Gra	Best in Grade 8 Plaque				
Awarded to	0:				
801	Surya Narayan Santhakumar	Snow SBOT			



















Grades 9-10 - First Round Group 1 (Otl	her)		
Sponsored by: Scotia Wealth Management	,		
Presented by:			
•			
Best of Grade 9 Group 1			
Awarded to:			
1001 Catriona Currie			
Toys will be Toys?			
Grades 9-10 - First Round Group 2 (Oth Sponsored by: Scotia Wealth Management Presented by:	t		
Best of Grades 9 Group 2			
Awarded to:			
902 Ella Deeds Gwyneth James Isabe	lla Caldas	Do Colours Affect Peop Reaction to Fear?	les Immediate
Best of Grade 9 to 10 (Grand)			
Sponsored by: Scotia Wealth Management			
Presented by:			
Best in Grades 9-10 Plaque			
Awarded to:			
1001 Catriona Currie			
Toys will be Toys?			















Quinte Regional Science And Technology Fair Expo-sciences régionale de Quinte





Grades 11-12 - First Round Group 1 (Other) Sponsored by: Scotia Wealth Management Presented by:	
Best of Grades 11-12 Group 1 Awarded to:	
1201 C. Chisholm	: Analyzing Gambling Behaviours of High School Students in Relation to Prospect Theory
Best of Grade 11 to 12 (Grand) Sponsored by: Scotia Wealth Management Presented by: Best in Grades 11-12 Plaque	
Awarded to:	
1201 C. Chisholm	Analyzing Gambling Behaviours of High School Students in Relation to Prospect Theory

We would like to congratulate all the grade winners of the grade group awards.















Quinte Regional Science And Technology Fair Expo-sciences régionale de Quinte





Special Awards:

We now move on to the special awards presentations. These sponsored awards are given to projects that have met specific criteria specified by the sponsor. The criteria are described for each award.

The City	of Belleville/Elexicor	Award (Special)	
-	by: City of Belleville	Elexicon	
Presented	-		0.0.40
that best d		Elexicon award is given to the project at each level (Gr. 4-6,7 or an experiment that pertains to fish/animals, their habitat, p Award	
Grade 4-6	(\$100 cash)		
Awarded	to:		
604	Lachlann Bremner	Sucrose toxicity and benthic hatchi	ng
Grades 7-	8 (\$100 cash)		
Awarded	to: Not awarded		
Grades 9-	12 (\$100 cash)		
Awarded	to: Not awarded		
·	_	l Infrastructure Award (Special)	
	by: The City of Bello	ville	
Presented	•		
-	on: \$150.00 Cash Awa	a strates a subject matter relevant to a city and its departm	ante
	waterway) Gr 4-12	strates a subject matter relevant to a city and its departir	ients.
Awarded	to:		
510	Lauren Dulmage	Lauren's Bridge is Falling Down	





































Spangared by ODSTE	ience i rogramming Av	varu (Special)		
Sponsored by: QRSTF Presented by:				
Presented by: Description: This \$100.00 Cash award is presented to a project that has developed (programmed) a software program that services a specific need. The program can be created in java, c++, or any other programming language. Grades 4-12 Dennis Kritzer Computer Science Programming Award				
Awarded to:				
801 Surya Narayan Santhak	umar	Snow SBOT		
UNAC Quinte Sustainability Sponsor	Award (Special) ed by: United Nations A	ssociation in Canada		
•	•	sented to the project that best deals with the		
	·	• •		
		ect might evaluate wind, solar, hydro-		
	It might focus either on the	e production side or the consumption side of		
the energy use."				
Presenter: Kanchana PurusQuin	tehothaman			
Grade 4-6 (\$100 cash)				
Awarded to:				
617 Isabella Guan		The sound catcher		
Grade 7-8 (\$100 cash)				
Awarded to:				
706 Aashita Srikanth				
Unlocking the Potential of Water				
Grade 9-12 (\$100 cash)				
Awarded to:				
904 Eunice Tong	Adanna Suresh	A New Life: Styrofoam		















Quinte Regional Science And Technology Fair Expo-sciences régionale de Quinte





The Albert College Engineering Award (Special)

Sponsored by: Albert College Presented by: Dianne Purdie Description: \$100.00 Cash Awa

Description: \$100.00 Cash Award The Albert College Engineering award is given to a project in Grades 6 that demonstrate the best principles of engineering.				
Awarded	to:			
617	Isabella Guan		The sound catcher	
Sponsore Presented Description The Albe	d by: Albert Colle by: Dianne Purdie on: \$100.00 Cash rt College Life/Earinciples of Life/	e Award arth Science award is give	pecial) n to a project in Grade 6 that demo	onstrates
605	Marcello Ponzo		Solenopsis Geminata	
Sponsore Presented Description be conserve Quinte Conserve Awarded	d by: Quinte Con by:on: This award is goved, or protected. Sonservation Offic to:	\$100.00 Cash Award. The es. Grades 4-12	displays ways in which water or wate winners name will be on a plaque	
905	Julia Isbester	Alia Rizvi	What's in Your Soil	



















The Bra	in Injury Association (Quinte District "Brain	n Wave" Award
Sponsore	ed by The Brain Injury A	Association Quinte Dis	trict
Presented	d by		
Descripti	ion: This award is given	to the project that deal	Is with the protection of the brain. \$100
Grades 4	-12		
Awarded	l to:		
603	Kaidence Dziekanski	Alexis Wilkinson	Memory



















	ogeswaran Engineering Award ((4 to 6) (Special)
	ed by: QRSTF	
	d by:ion: The project should demonstrate	a unique and creative approach to solving an engineering
problem o	or deal with a challenge that addresse Cash Award	, , , , , , , , , , , , , , , , , , , ,
•	ior Engineering award 4-6	
Awarded	l to:	
617	Isabella Guan	The sound catcher
	ogeswaran Engineering Award ((7-8) (Special)
-	ed by: QRSTF d by:	
	•	a unique and creative approach to solving an engineering
-	or deal with a challenge that addresse	
\$100.00	Cash Award	
Best Inte	rmediate engineering project	
Awarded	I to:	
801	Surya Narayan Santhakumar	Snow SBOT
Panch Y	ogeswaran Engineering Award ((9-12) (Special)
-	ed by: QRSTF	
	d by:	
		a unique and creative approach to solving an engineering es a real-world issue or need. $$100.00\ Cash\ Award$
	ior engineering project	
Awarded	to: Not Awarded	















Quinte Regional Science And Technology Fair Expo-sciences régionale de Quinte

The Professional Engineers of Ontario Engineering Award (4 to 6) (Special)





Sponsored by: QRSTF					
Presented by:	the best demonstrated was a	f anning a single painting in a particular			
Description: This award is for the best demonstrated use of engineering principles in a project. Amazon Certificate worth \$100					
Best Junior Engineering awa					
best Julior Engineering awa	1 u 4-0				
Awarded to:					
617 Isabella Guan		The sound catcher			
The Professional Engineers Sponsored by: The Professio Presented by:	0	Award (7 to 8) (Special)			
Description: This award is for	the best demonstrated use of	f engineering principles in a project.			
Amazon Certificate worth \$1	.50				
Not awarded					
Best Junior Engineering awa	rd 7-8				
Awarded to: 707 Rowyn	McCaughen Hydraulic Systems				
The Professional Engineers Sponsored by: The Professio Presented by:	nal Engineers of Ontario				
<u>=</u>		f engineering principles in a project.			
Amazon Certificate worth \$2	250				
Not awarded	10.10				
Best Junior Engineering awa	rd 9-12				
Awarded to:					
904 Eunice Tong	Adanna Suresh	A New Life: Styrofoam			



















Erika Ja	ckson Environmen	ital Award- Gr. 4-6 (Special)	
Sponsore	d by: Doug and Ina	ra Jackson	
Presented	by:		
environme		act in any category that demonstrates a creative approach to an all lead to cleaner air, land or water. $$150.00\ Cash\ Award$ ward	
Awarded	to:		
624	Violet Fehr	Operation Desalination	















Quinte Regional Science And Technology Fair Expo-sciences régionale de Quinte





-	d by: Derek and Kev	in Sue-Chue-Lam	
Presented	,		
Description Math prob		tegory that demonstrates a	creative approach to a Physics, Chemistry or
•	00 Cash Awards		
		am Physics, Chemistry or	Math Award (Gr 4-6)
			` ,
Awarded	to:		
511	Arielle Nelson		The Effect of Music on a Plants Growth
Derek and	d Kevin Sue-Chue-L	am Physics, Chemistry or	Math Award (Gr 4-6)
Awarded	to:		
410	Chloe Pelletier		The Dissolution of Bath Bombs
Sponsore Presented Description	d by: Derek and Kev	rin Sue-Chue-Lam ttegory that demonstrates a	or Math Award (Gr 7-8) (Special) creative approach to a Physics, Chemistry or
•		am Physics, Chemistry or	Math Award (Gr 7-8)
Doron un		um i nysies, enemistry or	Man Tivara (et / e)
Awarded	to:		
807	Whitney Milne	Kaelin Hearn	Lithium vs Alkaline
Derek and	d Kevin Sue-Chue-L	am Physics, Chemistry or	Math Award (Gr 7-8)
Awarded	to:		
706 Aas Un	shita Srikanth locking the tential of Water		

Derek and Kevin Sue-Chue-Lam Physics, Chemistry or Math Award (Gr 4-6) (Special)



















The Dr.	Stephen and Jean Kala	deen Life/Science A	ward
Sponsore	d by Dr. Stephen and Je	an Kaladeen	
Presented	l by		
	on: Best Life Science awa nment. (\$50) (grades 7-8)		ertain directly to the biology of an organism or
Awarded	to:		
806	Cyptin Allen Lambert	Maya Bianchi	Does social media effect your short-term memory?















Quinte Regional Science And Technology Fair Expo-sciences régionale de Quinte

The Dr. Stephen and Jean Kaladeen Medical Sciences Award





-	d by Dr. Stephen and by			
		ect must demonstrate in a call alth care. (\$50) (Gr. 9-12)	clear and effective way an as	spect of a
Awarded	to:			
	ina Graciano			
Fixing Fract	tures Faster - Treatment	: for Broken Bones		
Sponsore Presented Descripti	d by: Berry Plastics l by:on: Awarded to the book on the book of the boo	est project in grades 4-8 w	hich pertains to a biological onment. \$100.00 Cash Awa	
Awarded	to:			
402		Olivia Turton		Isla Vissor
How Lig	ht Colour Affects Pl	ant Growth		
Sponsore Presented Descripti directly re	d by: Berry Plastics l by:on: Awarded to the book on the book of the boo	est project in 9-12, which prganism or the environmer	pertains to a biological theme	e. The project must
Awarded	to:			
905	Julia Isbester	Alia Rizvi	What's in Your Soil	















Quinte Regional Science And Technology Fair Expo-sciences régionale de Quinte





The Corporation of the County of Prince Edward Climate Change Award (Special)

Sponsored by: Prince Edward County

Presented by: Steve Ferguson

Description: The award is given to the project that best describes or develops an experiment that

best explains an aspect of climate change that has an impact on the local area. Grades 4-12

(\$100 cash)

Awarded to:

704 Jackson Stark Solar

Heat















Quinte Regional Science And Technology Fair Expo-sciences régionale de Quinte





The Kwik Kopy Printing Belleville – Best Display Board Award Grades 4-8

Sponsored by: KKP Belleville

Presented by:

Description: This award is given to the best display in Grades 4-8 that shows clarity, professionalism,

distinctiveness and innovation. (\$50 cash)

Awarded to:

628 Ares Worsley Night Sky

The Kwik Kopy Printing Belleville – Best Display Board Award – Grades 9-12

Sponsored by: KKP Belleville

Presented by:

Description: This award is given to the best display in Grades 9-12 that shows clarity, professionalism,

distinctiveness and innovation. (\$50 cash)

Awarded to:

901 Zara Khosla-Vucko Mathieu Khosla-Vucko The Electrolyte Challenge



















Michel Sarrazin French Language Awards (Special)	~
Sponsored by: Association canadienne-française de l'Ontar	io - Conseil regional des Mille-A.les
(ACFO Mille-Ã.les)	
Presented by:	
Description: $$50.00 \text{ Cash Awards} - \text{This award is given to each division.}$	the best French language project in
\$50 – Grades 4-5 (\$50 cash)	
Awarded to: Not Awarded	
\$50 – Grade 6 (\$50 cash)	
φου σταμέ ο (φου εμική)	
Awarded to: Not Awarded	
\$50 – Grades 7-8 (\$50 cash)	
Awarded to: Not Awarded	
\$50 – Grades 9-12 (\$50 cash)	
Awarded to:	
\$50 - Immersion Category (\$50 cash)	
Awarded to:	
622 Nicole Malinski	Sitzen Bleiben PFote



















The Sano	fi Biogenius Av	vard		
Sponsored	l by Biogenius C	L'anada		
Presented	by:			
Description: An outstanding project by students in grades 7-12 related to biotechnology – the use of biological systems to produce goods and services – or life sciences (100 dollars)				
Awarded to:				
905	Julia Isbester	Alia Rizvi	What's in Your Soil	















Quinte Regional Science And Technology Fair Expo-sciences régionale de Quinte





Most Innovative Application of Technology Award (Special)

Sponsored by: The Ontario Association of Certified Engineering Technicians and Technologists

Presented by: Dennis Martin

Description: For a project with the most innovative application of technology. OACETT Plaque to be displayed at the winner's school for one year and a \$250.00 Cash Award Grades 4-8

Award	led to:
-------	---------

617 Isabella Guan The sound catcher



















The Di James B Comp Award for Excenence in Science (Special)
Sponsored by: The Dr James B Collip Recognition Committee
Presented by
Description: There are two awards of \$150.00. One for grades 4-6 and the other is for grades 7-
12. They are given in recognition of Dr. Collip's contribution to the discovery of insulin. As a
leading biochemist in his time, he collaborated with 4 others, to identify and manufacture insulin
that was effective in the treatment of diabetes. This award is given to the projects that best
investigate an aspect of medical science.
\$150 for Grades 4 to 6
Awarded to:
627 Eloise Ruth Adair Rooney Can Virtual Reality Relieve Pain?
\$150 for Grades 7-12
Awarded to:
1002 Nina Graciano
Fixing Fractures Faster - Treatment for Broken Bones















Quinte Regional Science And Technology Fair Expo-sciences régionale de Quinte





Arlyne Gillespie Astronomy Prize (Special)

Sponsored by: Royal Astronomical Society of Canada - Belleville Centre Greg Lisk

Presented by: Greg Lisk

Description: Presented to the project that displayed the best use of Astronomical Concepts

Top Prize - Astronomical Telescope

Awarded	to:	
628	Ares Worsley	Night Sky
Prize 2-		
Awarded	to:	
621	Callie Legere	Telescope Spatiale Abbatage
Prize 3-		
Awarded	to:	
405	A.J. Neuman	- Aerodynamics
Prize 4-		
Awarded	to:	
514	Ben Pelletier	Teleportation

Cineplex Good Communicator Award (special award draw) (10 prizes) of 4 tickets each to the cinema.

Sponsored by: Cineplex















Quinte Regional Science And Technology Fair Expo-sciences régionale de Quinte





Loyalist College Entrance Scholarship Award (Special)

Sponsored by: Loyalist College
Presented by:
Description: The departments at Loyalist College will award a \$500.00 tuition credit to the most
deserving Grade 11-12 project, as selected by the regional science fair organization. The intent of
this award is to honour the top senior project and encourage the winner or winners to pursue
college studies in health, sciences or technology.
\$500.00 Entrance Scholarship *some conditions apply
Awarded to: 1201
C. Chisholm - Analyzing Gambling Behaviours of High School Students in Relation to Prospect Theory















Quinte Regional Science And Technology Fair Expo-sciences régionale de Quinte





Loyalist College Top Winners Award (Special) Sponsored by: Loyalist College Presented by: Description: \$500 (cash award) for a public/middle school (up to grade 8) with the most winning projects. The schools will distribute funding at the end of their school year. In the event of a tie, the monies will be split. The award will be send to the school. Awarded to: Bayside Public School **University of Ottawa Admission Scholarship (Special)** Sponsored by: University of Ottawa Presented by: Description: The Faculties of Engineering, Science and Health Sciences at the University of Ottawa award a \$1,000 scholarship to the most deserving Grade 11-12 project from each region, as selected by the regional science fair organization. The intent of this award is to honor the top Senior project and encourage the winner(s) to pursue university studies in health, sciences or technology. This scholarship will be applied to the tuition fees when the student(s) registers in an undergraduate program at the Faculties of Engineering, Science or Health Sciences. \$1000.00 Entrance Scholarship *some conditions apply (Partnership project will share the scholarship) \$1000 Applied to First Year Tuition



Awarded to: 1201





C. Chisholm - Analyzing Gambling Behaviours of High School Students in Relation to Prospect Theory









Quinte Regional Science And Technology Fair Expo-sciences régionale de Quinte





We now present the Best in Fair awards for the top awards in each division and the Canada-wide Science fair award. Here are two short videos explaining the Canada-wide Science Fair.

Best in Fair - Grades 4-6 - Junior (Specia	ıl)
Sponsored by: Research Casting International	al (RCI)

Presented by: Peter May

Description: This award is given to the top project in grades 4-6. Cash Award & Plaque

Best in Fair - Junior (\$100 cash)

Awarded to:	
627	Eloise Ruth Adair Rooney
Can Virtual Reality Relieve Pain?	
Best in Fair - Grades 7-8 – Intermediate	(Special)
Sponsored by: Kiwanis Club of Belleville	(- r)
Presented by	
3	project in grades 7-8. Cash Award & Plaque
Best in Fair Intermediate (\$100.00 cash)	
Awarded to:	
801 Surya Narayan Santhakumar	Snow SBOT















Quinte Regional Science And Technology Fair Expo-sciences régionale de Quinte





Best in Fair - Grades 9-12 - Senior (Special)

Sponsored by: Quinte West

Presented by: Councillor Duncan Armstrong

Description: This award is given to the top project in grades 9-12. Cash Award & Plaque

Best in Fair Senior (\$100 cash) Presented by: Darcey French

Awarded to:

1201 C. Chisholm

Analyzing Gambling Behaviours of High School Students in Relation to Prospect Theory















Quinte Regional Science And Technology Fair Expo-sciences régionale de Quinte





Canada-Wide Science Fair Award (Grand)

Sponsored by: Research Casting International (RCI)

Description: All expense paid trip to the Canada Wide Science Fair to Edmonton. Approx. value is \$2100.00

The Canada-wide Science fair is one of the premier science fair competitions. The students who win this award will have all expenses paid trip to Edmonton to compete in the 2023 Canada-wide Science Fair. May 14-19, 2023.

Awarded	to:		
201 C. Ch	isholm		Analyzing Gambling Behaviours of High School Students in Relation to Prospect Theory
Awarded	to:		
	na Graciano :tures Faster - Treatment for Bi	roken Bones	
Awarded	to:		
1001 Ca Toys will be	triona Currie Toys?		
Awarded	to:		
902	Ella Deeds Gwyneth James	Isabella Caldas	Do Colours Affect Peoples Immediate Reaction to Fear?

Thank-you

Could the winners of the Canada-winners Science Fair awards please stay behind for an important meeting.















Quinte Regional Science And Technology Fair Expo-sciences régionale de Quinte





Closing Statement:

On behalf or the Quinte Regional Science and Technology Fair committee, I would like to thank all the participants, students, parents, educators, teachers, sponsors and volunteers for their support this year. It has made a real difference. This first in person fair in four years was a success due to all of your assistance.













