

53rd Vancouver Island Regional Science Fair, April 2014

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Overall Winners

First	155	Vicki Kleu Austin Sawyer	Boom! Here Come Oil RiDD'rs: Fully Biodegradable Booms for Oil Spill Recovery and Containment	Lambrick Park School Lambrick Park School	12
Second	140	Duncan Silversides	Measuring for Accuracy	Esquimalt High School	10
Third	149	Nathan Kuehne	Supramolecular-Enhanced Fluorescence for Early Cancer Detection	Glenlyon Norfolk School	10
Fourth	153	Andrea Chan Matt Treble	The BAN Plan: Bloom's taxonomy as Assessed with fluency and Numeracy	Lambrick Park School Lambrick Park School	11
Fifth	121	Chloe Freeman	Cellphone Distractions	Glenlyon Norfolk School	9
Senior Division					
First	166	Bryn Longcroft-Harris	Inhibitory Effects of Coniferous Needles on Plant Growth	Glenlyon Norfolk School	12
Second	167	Elizabeth Duncan	Ocean Acidification and the Degradation of Shellfish	Glenlyon Norfolk School	11
Third	154	Mohand Khouider	Superconducting the Future	Mount Douglas Secondary School	11
Fourth	165	Fiona Thompson	Chitin-based water purification using natural materials	Glenlyon Norfolk School	11
Fifth	152	Faseeha Gondal	Effects of electromagnetic radiation on the phenotypic expression of Raphanus sativus	Glenlyon Norfolk School	12
Junior Division					
First	117	Alexander Krawciw	Can you see clearly Now? The Quest for a clear Solar Panel	Mount Douglas Secondary School	9
Second	163	Lauren Ebata	Ants in Your Plants	St Margaret's School	8
Third	124	Annabelle Rondeau Nelly Tian	L'Illusion Placebo	École Victor-Brodeur École Victor-Brodeur	9
Fourth	98	Matthew DeMerchant	pots zeer dans les parck de cb	Cedar Hill Middle School	8
Fifth	145	Tabitha Lu	Nature Friendly Ice Traction	St. Margaret's School	9

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Intermediate Division						
First	100	Colette Reimer	Cycle-Clear	St Margaret's School		7
Second	105	Felix Courtemanche Jacob Mellish	Which lip Will Rip?	Journey Middle School Dunsmuir Middle School		7
Third	97	Kylie Ash Marina Gessler	Filtration Station	Central Middle School Central Middle School		6
Fourth	66	Devin Galway Jordan Sylvain-Stewart	Imagerie Musicale Involontaire	École Victor-Brodeur École Victor-Brodeur		7
Fifth	57	Sasha Shewchuk	Les activateur de compost	École Victor-Brodeur		7
Elementary Division						
First	9	Maija Deane	Cinnamon + Blood Sugar = Teamwork?	Pacific Christian School		5
Second	76	Alexander Bachynsky	Full of Beans: An Experiment where different types of water were used to grow food crops.	Other		4
Third	86	Nima Foell	The Amazing Germination of Pomegranate Seeds	Frank Hobbs Elementary School		4
Fourth	84	Matthew Mateyko	No More Loose Laces	St Patrick's School		4
Fifth	80	Kathrin Hunter	Metal Madness	Pacific Christian School		5
Honorable Mentions						
	45	Adaiah Tupas-Singh	What shape building would best withstand an earthquake	Pacific Christian School		5
	51	Tomos Blackburn-Larmour	What Reacts With Baking Soda?	Elizabeth Buckley School		5
	51	Joshua Wilson	What Reacts With Baking Soda?	Elizabeth Buckley School		5
	59	Nattan Telmer	Increasing solar panel efficiency by focusing sun rays	Arbutus Middle School		6
	62	Linden Girardeaux	Le train électrique	École Victor-Brodeur		6
	62	Liv Jakob	Le train électrique	École Victor-Brodeur		6
	85	Jordan McDonald	Plastic Milk	Homeschooled		4
	102	Anouk Watts	Lest Bactéries Bioluminescents	Central Middle School		7
	130	Hanna Guiney	Child Proof Medecine Lids	Dunsmuir Middle School		7

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Special Awards

Hajash Award – First Overall

155	Vicki Kleu	Boom! Here Come Oil RiDD'rs: Fully Biodegradable Booms	Lambrick Park School	12
	Austin Sawyer	for Oil Spill Recovery and Containment	Lambrick Park School	11

JASCO Award – Second Overall

140	Duncan Silversides	Measuring for Accuracy	Esquimalt High School	10
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Starfish Medical Award – Third Overall

149	Nathan Kuehne	Supramolecular-Enhanced Fluorescence for Early Cancer Detection	Glenlyon Norfolk School	10
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Enkin Award – Fourth Overall

153	Andrea Chan	The BAN Plan: Bloom's taxonomy as Assessed with fluency	Lambrick Park School	11
	Matt Treble	and Numeracy	Lambrick Park School	

NSERC Award

121	Chloe Freeman	Cellphone Distractions	Glenlyon Norfolk School	9
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The President's Entrance Scholarship

155	Vicki Kleu	Boom! Here Come Oil RiDD'rs: Fully Biodegradable Booms	Lambrick Park School	12
	Austin Sawyer	for Oil Spill Recovery and Containment	Lambrick Park School	

Dean of Science Scholarship

155	Vicki Kleu	Boom! Here Come Oil RiDD'rs: Fully Biodegradable Booms	Lambrick Park School	12
	Austin Sawyer	for Oil Spill Recovery and Containment	Lambrick Park School	

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Alexa Geminiano Award (3-time Overall Winner)				
	Vicki Kleu		Lambrick Park School	12
	Andrea Chan		Lambrick Park School	11
	Matt Treble		Lambrick Park School	11
Nathan Geminiano Award (2-time Overall Winner)				
	Austin Sawyer		Lambrick Park School	11
	Nathan Kuehne		Glenlyon Norfolk School	10
Engineering Award				
140	Duncan Silversides	Measuring for Accuracy	Esquimalt High School	10
Environment Award				
155	Vicki Kleu	Boom! Here Come Oil RiDD'rs: Fully Biodegradable Booms	Lambrick Park School	12
	Austin Sawyer	for Oil Spill Recovery and Containment	Lambrick Park School	

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Provincial Awards

AI Appleton Worksafe Award

159	Mira Finkelstein	What cleans my brother's hands most effectively?	Maria Montessori Academy	7
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American Association of Physics Teachers, Michael Crooks Prize

146	Alice Xiao	How does liquid of different density affect buoyancy?	Glenlyon Norfolk School	9
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BC Agriculture in the Classroom

166	Bryn Longcroft-Harris	Inhibitory Effects of Coniferous Needles on Plant Growth	Glenlyon Norfolk School	12
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BC Hydro For Generations Award

154	Mohand Khouider	Superconducting the Future	Mount Douglas Secondary School	11
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BC Innovation Council Scholarship

155	Vicki Kleu	Boom! Here Come Oil RiDD'rs: Fully Biodegradable Booms	Lambrick Park School	12
	Austin Sawyer	for Oil Spill Recovery and Containment	Lambrick Park School	11

BC Nature (BC Naturalists)

103	Adrian Byrne	Just Fake it Fibre!	Gordon Head Middle School	8
	Daniel Heath		Gordon Head Middle School	8

BC Science Teachers' Award

105	Felix Courtemanche	Which lip Will Rip?	Journey Middle School	7
	Jacob Mellish		Dunsmuir Middle School	7

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Division for Women in Science & Engineering Award (DAWEG)				
124	Annabelle Rondeau Nelly Tian	L'Illusion Placebo	École Victor-Brodeur	9
167	Elizabeth Duncan	Ocean Acidification and the Degradation of Shellfish	Glenlyon Norfolk School	11
Heart & Stroke Foundation of BC/Yukon				
73	Oliver Elgersma	Is Laughter the Best Medicine?	Pacific Christian School	5
SCWIST				
163	Lauren Ebata	Ants in Your Plants	St Margaret's School	8

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Provincial Awards - for nomination

BC Hydro Scholarship

166	Bryn Longcroft-Harris	Inhibitory Effects of Coniferous Needles on Plant Growth	Glenlyon Norfolk School	12
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Genome BC Award

149	Nathan Kuehne	Supramolecular-Enhanced Fluorescence for Early Cancer	Glenlyon Norfolk School	10
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96	Dylan Simpson	Cloning Cabbage	Dunsmuir Middle School	7
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WE Coates (Land Reclamation) Award

144	Bridget Cameron	Impact des déversements de pétrole sur la croissance des plantes.	École Victor-Brodeur	8
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Recon Instruments Award

155	Vicki Kleu	Boom! Here Come Oil RiDD'rs: Fully Biodegradable Booms	Lambrick Park School	12
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	Austin Sawyer	for Oil Spill Recovery and Containment	Lambrick Park School	11
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Locally Initiated Awards

Air & Waste Management Association

155	Vicki Kleu	Boom! Here Come Oil RiDD'rs: Fully Biodegradable Booms	Lambrick Park School	12
	Austin Sawyer	for Oil Spill Recovery and Containment	Lambrick Park School	11

Association of Professional Biologists of BC

134	Shae-Linn Davies	Silence is golden - especially for an owl in flight	Central Middle School	8
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Association of Professional Engineers & Geoscientists of BC

Senior

1	155	Vicki Kleu	Boom! Here Come Oil RiDD'rs: Fully Biodegradable Booms	Lambrick Park School	12
		Austin Sawyer	for Oil Spill Recovery and Containment	Lambrick Park School	11
2	165	Fiona Thompson	Chitin-based water purification using natural materials	Glenlyon Norfolk School	11
3	140	Duncan Silversides	Measuring for Accuracy	Esquimalt High School	10

Intermediate

1	35	Victor Kamel	Modelling 8-bit Binary Summator	Springwood Middle School	6
2	59	Nattan Telmer	Increasing solar panel efficiency by focusing sun rays	Arbutus Middle School	6
3	41	Yassin Guitouni	La consommation des ampoules	École Victor-Brodeur	6
		Joshua Jones		École Victor-Brodeur	

Elementary

1	37	Jonathan Ami	Bases for Towers: How to Make a Stable Base for Your Tower	Frank Hobbs Elementary School	5
		Matthew Snowdon		Frank Hobbs Elementary School	
2	45	Adaiah Tupas-Singh	What shape building would best withstand an earthquake	Pacific Christian School	5
3	72	Tesnim Mtiraoui	Le Robot et le Temps	Other	5

Drs. Rosemary & Walter Balfour Award

1	86	Nima Foell	The Amazing Germination of Pomegranate Seeds	Frank Hobbs Elementary School	4
2	80	Kathrin Hunter	Metal Madness	Pacific Christian School	5

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BC Hydro - Power Smart Award					
117	Alexander Krawciw	Can you see clearly Now? The Quest for a clear Solar Panel	Mount Douglas Secondary School	9	
BC Hydro - Power Pioneers Award					
67	Austen Brown	Hydroelectricity	Sangster Elementary School	5	
BC Institute of Agrologists Award					
elementary	85	Jordan McDonald	Plastic Milk	Homeschooled	4
intermediate	25	Alexandra Corwin	Bacteria 411	St. Margaret's School	7
		Maëlle Reed			
junior	163	Lauren Ebata	Ants in Your Plants	St Margaret's School	8
senior	167	Elizabeth Duncan	Ocean Acidification and the Degradation of Shellfish	Glenlyon Norfolk School	11
BC Oil & Gas Commission					
elem/intermed		Matthew Mateyko	No More Loose Laces	St Patrick's School	4
junior/senior		Alexander Krawciw	Can you see clearly Now? The Quest for a clear Solar Panel	Mount Douglas Secondary School	9
Drs. Jane Browning & Dave Berry Award					
100	Colette Reimer	Cycle-Clear	St Margaret's School	7	
Chemical Institute of Canada Awards					
1	103	Adrian Byrne	Just Fake it Fibre!	Gordon Head Middle School	8
		Daniel Heath		Gordon Head Middle School	
2	162	Alex Huang	Les Plastiques Degradables: Décomposer Pour Vous	Central Middle School	8
		Cole Van Hinte		Central Middle School	
3	84	Matthew Mateyko	No More Loose Laces	St Patrick's School	4
Canadian Meteorological & Oceanographic Society					
93	Lilias Munn	Water Wellfare	Other	6	
167	Elizabeth Duncan	Ocean Acidification and the Degradation of Shellfish	Glenlyon Norfolk School	11	

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College of Applied Biology					
	167	Elizabeth Duncan	Ocean Acidification and the Degradation of Shellfish	Glenlyon Norfolk School	11
Gordon Patterson Award					
	51	Tomos Blackburn-Larmour	What Reacts With Baking Soda?	Elizabeth Buckley School	5
		Joshua Wilson		Elizabeth Buckley School	5
	117	Alexander Krawciw	Can you see clearly Now? The Quest for a clear Solar Panel	Mount Douglas Secondary School	9
Macmillan Publishing					
elementary	9	Maija Deane	Cinnamon + Blood Sugar = Teamwork?	Pacific Christian School	5
intermediate	101	Seth Baker	Does Colour Choice Change What We Think We See?	Gordon Head Middle School	6
		Christopher Eng		Gordon Head Middle School	6
junior	98	Matthew DeMerchant	pots zeer dans les parck de cb	Cedar Hill Middle School	8
senior	165	Fiona Thompson	Chitin-based water purification using natural materials	Glenlyon Norfolk School	11
Psi Chi Award					
	1	Not Awarded 2014			
	2	Not Awarded 2014			
Rotary Club of Victoria					
	1	53	Soleia Izmer-Morey	Rise of the Crystals	Frank Hobbs Elementary School
			Stella Taylor		Frank Hobbs Elementary School
	2	59	Nattan Telmer	Increasing solar panel efficiency by focusing sun rays	Arbutus Middle School
	3	167	Elizabeth Duncan	Ocean Acidification and the Degradation of Shellfish	Glenlyon Norfolk School
	3	8	Marcus Lott	Do-It-Yourself Carbon Dioxide Scrubber	Frank Hobbs Elementary School
			Robbie Thomlinson		Frank Hobbs Elementary School
Royal Astronomical Society of Canada, Victoria Chapter					
	110	Max Stewart	The Aerodynamic Principles of a Rocket	Glenlyon Norfolk School	9

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Science Venture

Class Visit TBA

La Société Francophone de Victoria

Int./Elem.	66	Devin Galway	Imagerie Musicale Involontaire	École Victor-Brodeur	7
		Jordan Sylvain-Stewart		École Victor-Brodeur	
Senior/Junior	98	Matthew DeMerchant	pots zeer dans les parck de cb	Cedar Hill Middle School	8

Thomas H Boyd Awards

Int./Elem.	42	Fiona O'Brian	Hatching and raising chicks	Homeschooled	7
Senior/Junior	134	Shae-Linn Davies	Silence is golden - especially for an owl in flight	Central Middle School	8

University of Victoria Education Chairs' Award

153	Andrea Chan	The BAN Plan: Bloom's taxonomy as Assessed with fluency	Lambrick Park School	11
	Matt Treble	and Numeracy	Lambrick Park School	

University of Victoria Engineering Chairs' Award

119	Jonah Heyman	It's Raining it's Pouring: My Money's not Draining	Gordon Head Middle School	8
	Sam Holland	It's Raining it's Pouring: My Money's not Draining	Gordon Head Middle School	8

University of Victoria Human & Social Development Chairs' Award

124	Annabelle Rondeau	L'Illusion Placebo	École Victor-Brodeur	9
	Nelly Tian	L'Illusion Placebo	École Victor-Brodeur	9

University of Victoria Science Chairs' Award

35	Victor Kamel	Modelling 8-bit Binary Summator	Springwood Middle School	6
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University of Victoria Social Science Chairs' Award

121	Chloe Freeman	Cellphone Distractions	Glenlyon Norfolk School	9
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Scientific Spirit Awards				Gr.
57	Sasha Shewchuk	Les activateur de compost	École Victor-Brodeur	7
55	Franklin Kent	Colour By Number: Grapheme-Colour Synesthesia	Arbutus Middle School	6
66	Devin Galway	Imagerie Musicale Involontaire	École Victor-Brodeur	7
66	Jordan Sylvain-Stewart	Imagerie Musicale Involontaire	École Victor-Brodeur	7
97	Kylie Ash	Filtration Station	Central Middle School	6
97	Marina Gessler	Filtration Station	Central Middle School	6
125	Riona Berg	The Power of Suggestion	Claremont Secondary School	9
145	Tabitha Lu	Nature Friendly Ice Traction	St. Margaret's School	9

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Business Awards

Butterfly Gardens

Pass	13	David Lens Ford Smith	Household Spider Repellent	Claremont Secondary School Claremont Secondary School	9
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Chapters/Indigo

Book	92	Hayley Ellmann	Put Your Water to Work	St Margaret's School	6
Kit	72	Tesnim Mtiraoui	Le Robot et le Temps	Other	5

Cordova Bay Golf Course

Pass	65	Mackenzie Timlock	Hockey Salaries and Points	Dunsmuir Middle School	7
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CVS Sighting

Tour	35	Victor Kamel	Modelling 8-bit Binary Summator	Springwood Middle School	6
	45	Adaiah Tupas-Singh	What shape building would best withstand an earthquake	Pacific Christian School	5

Harbour Ferry

Tour	167	Elizabeth Duncan	Ocean Acidification and the Degradation of Shellfish	Glenlyon Norfolk School	11
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IMAX theatre

Family Pass	117	Alexander Krawciw	Can you see clearly Now? The Quest for a clear Solar Panel	Mount Douglas Secondary School	9
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Maritime Museum

Family Pass	46	Luke Shimizu Ayden Wu	Does brushing your tongue help?	Elizabeth Buckley School Elizabeth Buckley School	5
	48	Autumn Lidstrom Oonagh McLaren	Lifting Helium	Elizabeth Buckley School Elizabeth Buckley School	5
	47	Samuel Specht	Bean Music	Pacific Christian School	5
	2	Jessica Greig	Keeping Your Hair Clean: Herbal Tea Shampoo	Frank Hobbs Elementary School	4

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Mineral World					
jigsaw/poster	6	Jordan Robertson	Underwater Volcanoes	Sangster Elementary School	5
		Declan Robertson		Sangster Elementary School	4
Munro's Books					
Book	144	Bridget Cameron	Impact des déversements de pétrole sur la croissance des plantes.	École Victor-Brodeur	8
Nelson Publishing					
Book	154	Mohand Khouider	Superconducting the Future	Mount Douglas Secondary School	11
	151	Naomi Eastman	Does Spit Work Better	Chemainus Secondary	11
		Sara Skelly		Chemainus Secondary	
	132	Emma Reinsch	Micro-Ondes V.S Bactéries	Other	9
		Michelle Ruhigisha		Other	
	133	Stuart Cameron	Eye Witness Testimony	St. Andrew's Regional High School	9
	131	David Lens	Household Spider Repellent	Claremont Secondary School	9
		Ford Smith		Claremont Secondary School	
Ocean River Sports					
Kayak Rental	140	Duncan Silversides	Measuring for Accuracy	Esquimalt High School	10
	149	Nathan Kuehne	Supramolecular-Enhanced Fluorescence for Early Cancer Detection	Glenlyon Norfolk School	10
Pearson Publishing					
Book	117	Alexander Krawciw	Can you see clearly Now? The Quest for a clear Solar Panel	Mount Douglas Secondary School	9
Prince of Whales					
Tour	155	Vicki Kleu	Boom! Here Come Oil RiDD'rs: Fully Biodegradable Booms	Lambrick Park School	12
		Austin Sawyer	for Oil Spill Recovery and Containment	Lambrick Park School	11

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Quarky Science					
kits	121	Chloe Freeman	Cellphone Distractions	Glenlyon Norfolk School	9
games	15	Samuel Cowie	Cuillère en plastique vs. Cuillère en métal	École Victor-Brodeur	5
		Adam Sylvain-Stewart		École Victor-Brodeur	
puzzles	32	Seth Ealing	Effect of extreme temperature on battery life	Dunsmuir Middle School	7
		Carl Swanson		Dunsmuir Middle School	
games/puzzle	62	Linden Girardeaux	Le train électrique	École Victor-Brodeur	6
		Liv Jakob		École Victor-Brodeur	
games	10	Vanessa Wedlick	A Pixel Study	St Michaels University School	
games	38	Ella Mickelberry	Les Bicyclette	Central Middle School	7
Russell Books					
Gift Card	161	Bella Vedova	What's Your Vocal Range	Dunsmuir Middle School	7
	130	Hanna Guiney	Child Proof Medecine Lids	Dunsmuir Middle School	7
Science Works					
Barometer	110	Max Stewart	The Aerodynamic Principles of a Rocket	Glenlyon Norfolk School	9
Shaw Ocean Discovery Centre					
Pass	97	Kylie Ash	Filtration Station	Central Middle School	6
		Marina Gessler		Central Middle School	
Victoria Bug Zoo					
Pass	4	Himani Parajuli	Genes/Fingerprints	Frank Hobbs Elementary School	4
	13	Ella Kimak	Gold Fish Behaviour	Torquay Elementary	4
	71	Jessica Hirschbold	Surviving on Edible Plants on the Westcoast	Frank Hobbs Elementary School	4
		Katelin Won		Frank Hobbs Elementary School	
	1	Robyn Kotorynski	Flight of the Hot Air Balloon	Frank Hobbs Elementary School	4
	3	Connor Delaney	Ketchup as a Cleaner	Frank Hobbs Elementary School	4

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Victoria Hippo Tours					
Tour	105	Felix Courtemanche Jacob Mellish	Which lip Will Rip?	Journey Middle School Dunsmuir Middle School	7
Victoria Symphony					
Concert for Kids	66	Devin Galway Jordan Sylvain-Stewart	Imagerie Musicale Involontaire	École Victor-Brodeur École Victor-Brodeur	7
Concert		Mme Claudine Martineau	teacher recognition	École Victor-Brodeur	