

52nd Vancouver Island Regional Science Fair – April 2013

Overall Winners

First	167	Vicki Kleu	Fully Biodegradable Adsorbent Pads to Clean Small Scale Marine Oil Spills	Lambrick Park Secondary	11
Second	169	Ann Makosinski	The Hollow Flashlight	St Michaels University School	10
Third	163	Lisa McQuarrie	Does Armouring Protect or Harm Our Beaches?	St Margaret's School	10
Fourth	166	Andrea Chan Matthew Treble	See, Say, Do -- A Plan to Improve Reading Comprehension in Young Readers	Lambrick Park Secondary	10
Fifth	89	Lauren Ebata	Oil in the Undergrowth	St Margaret's School	7
Sixth	159	Nathan Kuehne	Biochar Optimization for Plant Growth	Glenlyon Norfolk School	9

Senior Division

First	168	Katherine Silversides	A New Look at Windows	Esquimalt High School	12
Second	162	Natalie Cavallin	Got Milk?	Claremont Secondary School	10
Third	150	Adam Irvine	Autonomous	Claremont Secondary School	11
Fourth	151	Leanne Babcook	Go Bananas	Claremont Secondary School	10
Fifth	170	Shireen Banaee	Are There Minerals in Your Water?	Mount Douglas Secondary	11

Junior Division

First	137	Geraldine Calderon	La couleur du sucré	École Victor-Brodeur	8
Second	117	Alec Krawciw Gabe Chaves	Benefits of a Biological Air Purifier	Gordon Head Middle School	8
Third	142	Duncan Silversides	Master of Tic-Tac-Toe: the evolution of a ring holder	Home School	9
Fourth	164	Diane Woo	Bioluminescent Light Bulb	Glenlyon Norfolk School	9
Fifth	141	Spencer Quayle	Radiation Revealed	Central Middle School	8

Intermediate Division

First	84	Sarah Vincent	The Effects of Exercise on Fitness	St Margaret's School	6
Second	45	Eleni Robson Janet Dawson	One Fish, Two Fish, Colour You Choose Fish	Gordon Head Middle School	6
Third	40	Colette Reimer	Win With Wind	St Margaret's School	6
Fourth	94	Kara Labelle	Enhancing Plant Drought Resistance Through Seed Treatments	George Bonner Middle School	7
Fifth	122	Jacob Gronnestad-Graff Mathieu Sylvain-Stewart	La Musique et la Mémoire	École Victor-Brodeur	7

52nd Vancouver Island Regional Science Fair – April 2013

Elementary Division

First	97	Kyle Kadatz	Wifi Hotspot	Pacific Christian School	5
Second	56	Benjamin Rosang	Rat Smarts	Pacific Christian School	5
Third	5	Julian France	F.E.A.R. - Fire Extinguishing Autonomous Rover	Tillicum Community School	5
Fourth	50	Margaret Krawciw	Soaking Up Sound Waves	Cloverdale Traditional School	4
	50	Maya Kanstrup	Soaking Up Sound Waves	Hillcrest Elementary School	5
Fifth	61	Ella Lane-Sangha	The power of suggestion	Pacific Christian School	5

Honorable Mentions

2	Jackson Reid	Ready, Aim, Fire	Lake Hill Elementary School	4
22	Hayley Wong	HEAR Today Gone Tomorrow!	St Margaret's School	5
32	Nattan Telmer	How Temperature Affects Wind Generation	Frank Hobbs Elementary School	5
38	Danielle Leipoldt	The Effect of Drag on Swimming Times	Pacific Christian School	5
62	Josh Campana	Chicks and Colour	Pacific Christian School	5
87	Julian Winchester	Science Lends a Hand	Central Middle School	6
97	Kyle Kadatz	Wifi Hotspot	Pacific Christian School	5
101	Lauren Roberts	The Best Shot	St Margaret's School	7
108	Mary Danesh	Swish	St Margaret's School	7
124	Malcolm Walker	L'impact des trainées de vapeur sur nos ciels	École Victor-Brodeur	8
129	Adrian Chlysta	What About Wi-Fi?	South Island Dist. Education Sch.	8
135	Alysha Chung	Background Colour and Font Colour Impact on Test Scores	Gordon Head Middle School	8
171	Camille Vine	Buyer Beware -- Is Lead Everywhere?	St Margaret's School	7

52nd Vancouver Island Regional Science Fair – April 2013

Special Awards

Hajash Award

167 Vicki Kleu Fully Biodegradable Adsorbent Pads to Clean Small Scale Marine Oil Spills Lambrick Park Secondary 11

JASCO Award

169 Ann Makosinski The Hollow Flashlight St Michaels University School 10

Starfish Medical Award

163 Lisa McQuarrie Does Armouring Protect or Harm Our Beaches? St Margaret's School 10

Enkin Award

166 Andrea Chan See, Say, Do -- A Plan to Improve Reading Comprehension in Young
Matthew Treble Readers Lambrick Park Secondary 10

The President's Entrance Scholarship

167 Vicki Kleu Fully Biodegradable Adsorbent Pads to Clean Small Scale Marine Oil Spills Lambrick Park Secondary 11

Dean of Science Scholarship

167 Vicki Kleu Fully Biodegradable Adsorbent Pads to Clean Small Scale Marine Oil Spills Lambrick Park Secondary 11

Alexa Geminiano Award

167 Vicki Kleu Fully Biodegradable Adsorbent Pads to Clean Small Scale Marine Oil Spills Gordon Head Middle School 11

Nathan Geminiano Award

169 Ann Makosinski The Hollow Flashlight St Michaels University School 10

166 Andrea Chan See, Say, Do -- A Plan to Improve Reading Comprehension in Young
Matthew Treble Readers Lambrick Park Secondary 10

Enngineering Award

169 Ann Makosinski The Hollow Flashlight St Michaels University School 10

Environment Award

167 Vicki Kleu Fully Biodegradable Adsorbent Pads to Clean Small Scale Marine Oil Spills Lambrick Park Secondary 11

52nd Vancouver Island Regional Science Fair – April 2013

Provincial Awards

AI Appleton Worksafe Award

99 Isobel Donald Danger! Cell phone radiation may be harmful to your health St Margaret's School 7

American Association of Physics Teachers, Michael Crooks Prize

97 Kyle Kadatz Wifi Hotspot Pacific Christian School 5

BC Agriculture in the Classroom

94 Kara Labelle Enhancing Plant Drought Resistance Through Seed Treatments George Bonner Middle School 7

BC Hydro For Generations Award

164 Diane Woo Bioluminescent Light Bulb Glenlyon Norfolk School 9

BC Science Teachers' Award

141 Spencer Quayle Radiation Revealed Central Middle School 8

BC Nature (BC Naturalists)

89 Lauren Ebata Oil in the Undergrowth St Margaret's School 7

Division for Women in Science & Engineering Award (DAWEG)

164 Diane Woo Bioluminescent Light Bulb Glenlyon Norfolk School 9

169 Ann Makosinski The Hollow Flashlight St Michaels University School 10

Heart & Stroke Foundation of BC/Yukon

63 Mohamed Abdelghany How to create an artificial heart? Crystal View Elementary School 5

BCIC Young Scientist Award

132 Carson Ingram Do Warm-up Stretches Improve Flexibility? Gordon Head Middle School 8

Anielle Linds

BC Innovation Student/Teacher Award

163 Lisa McQuarrie Does Armouring Protect or Harm Our Beaches? St Margaret's School 10

BC Innovation Council Scholarship

167 Vicki Kleu Fully Biodegradable Adsorbent Pads to Clean Small Scale Marine Oil Spills Lambrick Park Secondary 11

SCWIST

169 Ann Makosinski The Hollow Flashlight St Michaels University School 10

52nd Vancouver Island Regional Science Fair – April 2013

Provincial Awards - for nomination

BC Hydro Scholarship

168	Katherine Silversides	A New Look at Windows	Esquimalt High School	12
-----	-----------------------	-----------------------	-----------------------	----

Genome BC Scholarship

167	Vicki Kleu	Fully Biodegradable Adsorbent Pads to Clean Small Scale Marine Oil Spills	Lambrick Park Secondary	11
-----	------------	---	-------------------------	----

TRCR Award (Technical and Research Committee on Reclamation)

167	Vicki Kleu	Fully Biodegradable Adsorbent Pads to Clean Small Scale Marine Oil Spills	Lambrick Park Secondary	11
-----	------------	---	-------------------------	----

WE Coates (Land Reclamation) Award

89	Lauren Ebata	Oil in the Undergrowth	St Margaret's School	7
----	--------------	------------------------	----------------------	---

52nd Vancouver Island Regional Science Fair – April 2013

Locally Initiated Awards

Air & Waste Management Association

59	Samuel Harvie	Colquitz River Oil Spills	Pacific Christian School	5
----	---------------	---------------------------	--------------------------	---

Association of Professional Biologists of BC

45	Eleni Robson Janet Dawson	One Fish, Two Fish, Colour You Choose Fish	Gordon Head Middle School	6
----	------------------------------	--	---------------------------	---

Association of Professional Engineers & Geoscientists of BC

Senior	1	163	Lisa McQuarrie	Does Armouring Protect or Harm Our Beaches?	St Margaret's School	10
	2	169	Ann Makosinski	The Hollow Flashlight	St Michaels University School - Se	10
	3	168	Katherine Silversides	A New Look at Windows	Esquimalt High School	12
Junior	1	141	Spencer Quayle	Radiation Revealed	Central Middle School	8
	2	117	Alec Krawciw	Benefits of a Biological Air Purifier	Gordon Head Middle School	8
			Gabe Chaves	Benefits of a Biological Air Purifier	Gordon Head Middle School	8
	3	142	Duncan Silversides	Master of Tic-Tac-Toe: the evolution of a ring holder	Home School	9
Intermediate	1	40	Colette Reimer	Win With Wind	St Margaret's School	6
	2	108	Mary Danesh	Swish	St Margaret's School	7
	3	101	Lauren Roberts	The Best Shot	St Margaret's School	7
Elementary	1	5	Julian France	F.E.A.R. - Fire Extinguishing Autonomous Rover	Tillicum Community School	5
	2	97	Kyle Kadatz	Wifi Hotspot	Pacific Christian School	5
	3	3	Jonathan Ami	Popsicle Stick Bridges	Frank Hobbs Elementary School	4

ASHRAE

Sr/Jr	157	Calem Bardy Owen Brown	Les Maisons Vertes: Quel est le meilleur?	Cedar Hill Middle School	8
Int/Elem	36	Cole Junghans	Beat the Heat	Pacific Christian School	5

Drs. Rosemay & Walter Balfour Award

1	24	Anouk Watts Emma Bolzonello	Les Generateurs	Central Middle School	6
2	5	Julian France	F.E.A.R. - Fire Extinguishing Autonomous Rover	Tillicum Community School	5

BC Hydro - Power Smart Award

36	Cole Junghans	Beat the Heat	Pacific Christian School	5
----	---------------	---------------	--------------------------	---

52nd Vancouver Island Regional Science Fair – April 2013

BC Hydro - Power Pioneers Award

	30	Maxwell Nishima Simon Partridge	Elemental energy	Ecole Willows Elementary	5
--	----	------------------------------------	------------------	--------------------------	---

BC Institute of Agrologists Award

	69	Megan Dyck	Water Garden	Pacific Christian School	5
	89	Lauren Ebata	Oil in the Undergrowth	St Margaret's School	7
	92	Amy Zhou	Acrobatic Beans	St Margaret's School	7
	159	Nathan Kuehne	Biochar Optimization for Plant Growth	Glenlyon Norfolk School	9

BC Oil & Gas Commission

	elem/intermed	89	Lauren Ebata	Oil in the Undergrowth	St Margaret's School	7
	junior/senior	167	Vicki Kleu	Fully Biodegradable Adsorbent Pads to Clean Small Scale Marine Oil Spills	Lambrick Park Secondary	11

Drs. Jane Browning & Dave Berry Award

	40	Colette Reimer	Win With Wind	St Margaret's School	6
--	----	----------------	---------------	----------------------	---

Chemical Institute of Canada Awards

	1	57	Michael Dinneny	Where in the World's Oceans? The Effect of Ocean Acidification & Temperature on Sea Shells	Pacific Christian School	5
	2	29	Alec Cosgrove	Desalination	Lake Hill Elementary School	5
	3	93	Lara Johnston Stella Redpath	Quel liquide a plus d'acide?	Central Middle School	6

Canadian Meteorological & Oceanographic Society

	86	Eva Debaie	How do organisms inhabiting tide pools react and adapt to the changes in their environment?	Crystal View Elementary School	6
	100	Anna Tang-Blumenschein Maddy Dorion	La Pluie Acide	Central Middle School	7
	124	Malcolm Walker	L'impact des trainées de vapeur sur nos ciels	École Victor-Brodeur	8

Gordon Patterson Award

	84	Sarah Vincent	The Effects of Exercise on Fitness	St Margaret's School	6
	110	Hudson Showalter	Does an Increase in Photons Affect the RPM of a Solar Powered Magnetic Levitating Motor?	Home-schooled	7
	121	Matthew Dardengo	Cell Phones and Microwaves	Dunsmuir Middle School	7

52nd Vancouver Island Regional Science Fair – April 2013

Psi Chi Award

1st	166	Andrea Chan Matthew Treble	See, Say, Do -- A Plan to Improve Reading Comprehension in Young Readers	Lambrick Park Secondary	10
2nd	122	Jacob Gronnestad-Graff Mathieu Sylvain-Stewart	La Musique et la Mémoire	École Victor-Brodeur	7
2nd	56	Benjamin Rosang	Rat Smarts	Pacific Christian School	5

Royal Astronomical Society of Canada, Victoria Chapter

Senior	168	Katherine Silversides	A New Look at Windows	Esquimalt High School	12
Hon. Men.	34	Ian Aitken	May The Force Be With You	Frank Hobbs Elementary School	5
	124	Malcolm Walker	L'impact des trainées de vapeur sur nos ciels	École Victor-Brodeur	8
	169	Ann Makosinski	The Hollow Flashlight	St Michaels University School	10
Class visit		the class of Mme J. Martin		Central Middle School	6

Rotary Club of Victoria

1	169	Ann Makosinski	The Hollow Flashlight	St Michaels University School	10
2	164	Diane Woo	Bioluminescent Light Bulb	Glenlyon Norfolk School	9
3	65	Eric Jellema	What Are You Breathing In?	Pacific Christian School	5
	94	Kara Labelle	Enhancing Plant Drought Resistance Through Seed Treatments	George Bonner Middle School	7

Science Venture

	136	Sophie Tarasoff	AAAAAAH! J'ai des brulures d'estomac	Central Middle School	8
--	-----	-----------------	--------------------------------------	-----------------------	---

La Société Francophone de Victoria

intermédiaire	1	122	Jacob Gronnestad-Graff Mathieu Sylvain-Stewart	La Musique et la Mémoire	École Victor-Brodeur	7
	2	24	Anouk Watts Emma Bolzonello	Les Generateurs	Central Middle School	6
junior	1	119	Prairie Simard Sophie Snodgrass	Se guérir? Le kéfir!	École Victor-Brodeur	8
	2	157	Calem Bardy Owen Brown	Les Maisons Vertes: Quel est le meilleur?	Cedar Hill Middle School	8

Thomas H Boyd Awards

	45	Eleni Robson Janet Dawson	One Fish, Two Fish, Colour You Choose Fish	Gordon Head Middle School	6
	62	Josh Campana	Chicks and Colour	Pacific Christian School	5
	165	Celina Vermaat	Treat Position Preference in Dogs	Gordon Head Middle School	8

52nd Vancouver Island Regional Science Fair – April 2013

University of Victoria Education Chairs' Award

166	Andrea Chan Matthew Treble	See, Say, Do -- A Plan to Improve Reading Comprehension in Young Readers	Lambrick Park Secondary	10
-----	-------------------------------	--	-------------------------	----

University of Victoria Engineering Chairs' Award

168	Katherine Silversides	A New Look at Windows	Esquimalt High School	12
-----	-----------------------	-----------------------	-----------------------	----

University of Victoria Human & Social Development Chairs' Award

137	Geraldine Calderon	La couleur du sucré	École Victor-Brodeur	8
-----	--------------------	---------------------	----------------------	---

University of Victoria Science Chairs' Award

129	Adrian Chlysta	What About Wi-Fi?	South Island Distance Education	8
-----	----------------	-------------------	---------------------------------	---

University of Victoria Social Science Chairs' Award

56	Benjamin Rosang	Rat Smarts	Pacific Christian School	5
----	-----------------	------------	--------------------------	---

Scientific Spirit Awards

10	Connor Melanson	How To Make A Puck Go Faster	Frank Hobbs Elementary School	4
34	Ian Aitken	May The Force Be With You	Frank Hobbs Elementary School	5
102	Ricardo Lopez	À vos marques, prêt, partez!	École Victor-Brodeur	7
103	Rachel Ready	Battle of the Ice	Dunsmuir Middle School	7
109	Bridget Cameron Deanna Senko	Le clignement des yeux	École Victor-Brodeur	7
122	Jacob Gronnestad-Graff Mathieu Sylvain-Stewart	La Musique et la Mémoire	École Victor-Brodeur	7

Victoria Natural History Society

14	Stephanie Wardell	Cooling Out Horses	St Margaret's School	4
17	Madison Olsen	Liquid Seed Germination	St. Margaret's School	4
49	Charlotte Brady	Banana Blues or Browns	St Margaret's School	5
55	Victor Yang	Algae Invasion with the Counterattack of Ultrasonic Waves	Frank Hobbs Elementary School	5
95	Annika Tinis	Purifying Drinking Water	St. Margaret's School	7

52nd Vancouver Island Regional Science Fair – April 2013

Business Awards

Butterfly Gardens

Family Pass	135	Alysha Chung	Background Colour and Font Colour Impact on Test Scores	Gordon Head Middle School	8
-------------	-----	--------------	---	---------------------------	---

Bolen Books

Book	1	Alexandra Roberts	Flaming Fabrics	St. Margaret's School	4
	61	Ella Lane-Sangha	The power of suggestion	Pacific Christian School	5
	101	Lauren Roberts	The Best Shot	St Margaret's School	7
	104	Brady Mitchell	The strongest force resitant battle amour material.	Dunsmuir Middle School	7

Chapters/Indigo

Book	38	Danielle Leipoldt	The Effect of Drag on Swimming Times	Pacific Christian School	5
	44	Siena Cecil	Running without Injuries: Comparative Impacts Between Heel-strike and Forefoot-strike Running	St Margaret's School	7
	151	Leanne Babcook	Go Bananas	Claremont Secondary School	10

Harbour Ferry

Pass	11	Jolyn Rendle	Kayak Handwarmers - JO-JOs	Lake Hill Elementary School	4
------	----	--------------	----------------------------	-----------------------------	---

IMAX Theatre

Family Pass	137	Geraldine Calderon	La couleur du sucré	École Victor-Brodeur	8
-------------	-----	--------------------	---------------------	----------------------	---

Maritime Museum

Pass	75	Seth Baker	The Eye Vs. Camera: which has better vision?	Hillcrest Elementary School	5
	85	Sarah Shields	Cold Feet	Maria Montessori Academy	6

Miniature World

Pass	30	Maxwell Nishima Simon Partridge	Elemental energy	Ecole Willows Elementary	5
------	----	------------------------------------	------------------	--------------------------	---

Mineral World

Geodes	54	Zephy Tsang	Growing Stalactites	Hillcrest Elementary School	4
	54	Zechary Tsang		Hillcrest Elementary School	5

52nd Vancouver Island Regional Science Fair – April 2013

Munro's Books

Book	22	Hayley Wong	HEAR Today Gone Tomorrow!	St Margaret's School	5
	168	Katherine Silversides	A New Look at Windows	Esquimalt High School	12

Ocean River Sports

Kayak Rental	117	Alec Krawciw Gabe Chaves	Benefits of a Biological Air Purifier	Gordon Head Middle School	8
--------------	-----	-----------------------------	---------------------------------------	---------------------------	---

Prince of Whales

Excursion Pass	159	Nathan Kuehne	Biochar Optimization for Plant Growth	Glenlyon Norfolk School	9
----------------	-----	---------------	---------------------------------------	-------------------------	---

Quarky Science

	37	Paige Murray	Roll-Bots	St Margaret's School	5
	50	Margaret Krawciw Maya Kanstrup	Soaking Up Sound Waves	Cloverdale Traditional School	4
	53	Paris Ford Talli Martin	Fascinating Fears	Hillcrest Elementary School	5
	60	Ola Przydatek	Caffeine in Teas	Frank Hobbs Elementary School	5
	79	Uma Bhattacharya	Warm Bodies, Cold Bodies. Can You Solve This Mystery?	Hillcrest Elementary School	5
	87	Julian Winchester	Science Lends a Hand	St. Margaret's School	6
	98	Jarod Timmins	LE POINT DE RUPTURE	Central Middle School	6
	108	Mary Danesh	Swish	Central Middle School	8
	140	Jacob Walker	The Measurement of Friction in Different Mechanical Bearings	St Margaret's School	7
				St Michaels University School	9

Russell Books

Gift card	150	Adam Irvine	Autonomous	Claremont Secondary School	11
	162	Natalie Cavallin	Got Milk?	Claremont Secondary School	10

Shaw Ocean Discovery Centre

Yearly Pass	32	Nattan Telmer	How Temperature Affects Wind Generation	Frank Hobbs Elementary School	5
	142	Duncan Silversides	Master of Tic-Tac-Toe: the evolution of a ring holder	Home School	9
Daily Pass	23	Julia Hirschbold	Producing Electricity from a Micro Hydroelectric Generator	Frank Hobbs Elementary School	5
	82	Marissa Murray	Sprint Solutions	St Margaret's School	6
	111	Karim Winski Valdi Alarie-Hill	Rapido Presto	École Victor-Brodeur	7
	130	Sepehr Abbasi	Building a Digital Shield for Digital Cameras	Gordon Head Middle School	8
	136	Sophie Tarasoff	AAAAAAH! J'ai des brulures d'estomac	Central Middle School	8

52nd Vancouver Island Regional Science Fair – April 2013

Staples

Gift card	142	Duncan Silversides	Master of Tic-Tac-Toe: the evolution of a ring holder	Home School	9
	170	Shireen Banaee	Are There Minerals in Your Water?	Mount Douglas Secondary	11

Victoria Bug Zoo

Pass	2	Jackson Reid	Ready, Aim, Fire	Lake Hill Elementary School	4
	4	Ari van Everdingen	The Best Combination of Water and Air Pressure to Launch a Bottle Rocket	Frank Hobbs Elementary School	4
		Will Hatch			
	8	Elena Mitchell	That's a fierce bark...Or is it?!?	Lake Hill Elementary School	4
	14	Stephanie Wardell	Cooling Out Horses	St Margaret's School	4
	27	Ethan James	Bottle Fountains	Hillcrest Elementary School	4