

50th Vancouver Island Regional Science Fair, April 2011

Top Projects

Overall Winners

First	129	Hannah Bild-Enkin	Slumber Sucking: A New Apparatus to Measure Infant Sucking Charac	Esquimalt High School	12
Second	96	Caitlin Doherty Vicki Kleu	Pumping Plaque	Gordon Head Middle School Lambrick Park Secondary School	8 9
Third	128	Katherine Silversides	Grab It, Drop It: the design of a robotic arm	Esquimalt High School	10
Fourth	130	Alexander Chlysta	Rover Robotics	Claremont Secondary School	10
Fifth	102	Austin Sawyer	Slurpy Colour Magic	Gordon Head Middle School	8
Sixth	119	Birch Bansgrove	An Economic and Environmental Comparison of Compost Disposal in	Reynolds Secondary	9

Senior Division

First	127	Caitlin Mackin	Popcorn	Claremont Secondary School	10
Second	131	Nolen Lah	The closer they are, the faster they fall...or not?	Claremont Secondary School	10

Junior Division

First	114	Kayla-Marie Kulczycki Olivia Smith Rodrigues	How Much Do Looks Count?	Monterey Middle School	8 8
Second	111	Joel Taylor	Aerodynamics of Downtubes	Gordon Head Middle School	8
Third	112	Isaac Dellabough	Impact of Relaxation and Exercise on Test Scores	Gordon Head Middle School	8
Fourth	86	Jocelyne Charlton Saje Dennett	Detergents Verts?	Cedar Hill Middle School	8 8
Fifth	123	Olivia MacGillivray	Do You Know Your Sleep	St. Margaret's School	9

Intermediate Division

First	73	Andrew Cunningham	The Breaking Point	Gordon Head Middle School	7
Second	67	Emma Pearson	What's the Best Way to Purify Water for 3rd World Countries and Dis	St. Margaret's School	6
Third	75	Shay Marks	Can Plants Save Lives in Haiti? Use of Reinforcing Plants in Building	Cedar Hill Middle School	6
Fourth	21	Samantha Connolly Elsa Orme	ES-TU TOUJOURS CONCENTRÉ?	Central Middle School	6 7
Fifth	61	Lauren Abernethy	The Suds on Soap	St. Margaret's School	6

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Top Projects

Elementary Division

First	38	Lauren Ebata	The Truth About Compostable Bags	St. Margaret's School	5
Second	40	Marissa Young	Who Can You Trust?	Lake Hill Elementary School	5
Third	15	Sarah Vincent	Horse Dominance in a herd	St. Margaret's School	4
Fourth	20	Colleen MacFadgen	What household items discourage deer from eating apples?	Wishart Elementary School	5
Fifth	17	Hudson Showalter	Developing A Laser Robotic Security System	West-mont School	4

Honorable Mentions

	2	Veronica Pollock	Hummingbird Attraction to Food Colours	Gordon Head Middle School	7
	7	Joey Wilson	Radio Control - How it works?	Crystal View Elementary School	5
	8	Jacob Mellish	Fastest Outdoor Running	West-mont School	4
	10	Caitlin Murray-Hill	The Buzz in Honey	St. Margaret's School	4
	28	Nicholas Barclay	Le Train Maglev	Central Middle School	6
		Oliver Boucher			6
	32	Duncan Silversides	Battery Up! A comparison of different batteries.	Self Design	7
	34	Ann Makosinski	The Solar Sandwich - Improving the Efficiency of Solar Cells by up to	St. Michael's University School	8
	41	Jamie Besteman	Worms "N" Dirt	Pacific Christian School	5
	45	Amber Rose Jellema	Do They Compost ?	Pacific Christian School	5
	52	Jack Denham	Boissons gazeuses et Mentos	Central Middle School	6
	56	Emmett Armstrong	Surface Tension	Springwood Middle School	6
	64	Alyssa Norman	Then and Now: A Lifestyle Study	Cedar Hill Middle School	6
	83	Isobel Glover	Combien Aime-t-on le Sucre?	Central Middle School	7
		Eva Hocking			7
	117	Emily Groseth	The "Roots" of Renewal	Gordon Head Middle School	8

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Special Awards

Hajash / Rotary Victoria Award				
129	Hannah Bild-Enkin	Slumber Sucking: A New Apparatus to Measure Infant Sucking Char	Esquimalt High School	12
JASCO Award				
96	Caitlin Doherty	Pumping Plaque	Gordon Head Middle School	8
	Vicki Kleu		Lambrick Park Secondary School	9
VIA TeC Award				
128	Katherine Silversides	Grab It, Drop It: the design of a robotic arm	Esquimalt High School	10
The University of Victoria President's Entrance Award				
129	Hannah Bild-Enkin	Slumber Sucking: A New Apparatus to Measure Infant Sucking Char	Esquimalt High School	12
Dean of Science Scholarship				
129	Hannah Bild-Enkin	Slumber Sucking: A New Apparatus to Measure Infant Sucking Char	Esquimalt High School	12
Alexa Geminiano Award - 3 or more times Overall Winners				
129	Hannah Bild-Enkin	Slumber Sucking: A New Apparatus to Measure Infant Sucking Char	Esquimalt High School	12
Nathan Geminiano Award - two-time Overall Winners				
119	Birch Bansgrove	An Economic and Environmental Comparison of Compost Disposal in	Reynolds Secondary	9
NSERC Recognition Award				
129	Hannah Bild-Enkin	Slumber Sucking: A New Apparatus to Measure Infant Sucking Char	Esquimalt High School	12
Engineering Award				
128	Katherine Silversides	Grab It, Drop It: the design of a robotic arm	Esquimalt High School	10
Environment Award				
119	Birch Bansgrove	An Economic and Environmental Comparison of Compost Disposal in	Reynolds Secondary	9

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Provincial Awards

AI Appleton Worksafe Award				
24	Ben Sparks	"Dude...Is this cell phone frying my brain?"	Lake Hill Elementary School	5
American Association of Physics Teachers, Michael Crooks Prize				
111	Joel Taylor	Aerodynamics of Downtubes	Gordon Head Middle School	8
BC Agriculture in the Classroom				
38	Lauren Ebata	The Truth About Compostable Bags	St. Margaret's School	5
BC Hydro For Generations Award				
34	Ann Makosinski	The Solar Sandwich - Improving the Efficiency of Solar Cells by up to	St. Michael's University School	8
BC Science Teachers' Award				
73	Andrew Cunningham	The Breaking Point	Gordon Head Middle School	7
BC Nature (BC Naturalists)				
2	Veronica Pollock	Hummingbird Attraction to Food Colours	Gordon Head Middle School	7
Chevron Canada Award				
75	Shay Marks	Can Plants Save Lives in Haiti? Use of Reinforcing Plants in Building	Cedar Hill Middle School	6
Division for Women in Science & Engineering Award (DAWEG)				
96	Caitlin Doherty	Pumping Plaque	Gordon Head Middle School	8
	Vicki Kleu		Lambrick Park Secondary School	9
Heart & Stroke Foundation of BC/Yukon				
96	Caitlin Doherty	Pumping Plaque	Gordon Head Middle School	8
	Vicki Kleu		Lambrick Park Secondary School	9
Genome BC				
126	Victoria Lan	Bioinformatics - The Perfect Marriage of Computer Science & Medici	Claremont Secondary School	10
BC Innovation Council Award (Young Science Innovator) Award				
112	Isaac Dellabough	Impact of Relaxation and Exercise on Test Scores	Gordon Head Middle School	8
BC Innovation Council Award, Turning Ideas into Solutions				
67	Emma Pearson	What's the Best Way to Purify Water for 3rd World Countries and Dis	St. Margaret's School	6
BC Innovation Council Scholarship				
128	Katherine Silversides	Grab It, Drop It: the design of a robotic arm	Esquimalt High School	10
Special Award Sponsored by TRUIMF and Atlas at CERN				
115	Mohand Khouider	Search for the Square Root of 2: Its irrationality, its value, and its app	École Victor-Brodeur	8

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Provincial Awards - for nomination

BC Hydro Scholarship				
	129	Hannah Bild-Enkin	Slumber Sucking: A New Apparatus to Measure Infant Sucking Chara	Esquimalt High School 12
WE Coates (Land Reclamation) Award				
	119	Birch Bansgrove	An Economic and Environmental Comparison of Compost Disposal in	Reynolds Secondary 9

Locally Initiated Awards

Association of Professional Biologists of BC				
	117	Emily Groseth	The "Roots" of Renewal	Gordon Head Middle School 8

Association of Professional Engineers & Geoscientists of BC

Gold

	5	Kayla Hordyk	Do you have an energy savings TV	Pacific Christian School 5
	6	Sophie Thom	Convection Currents Are All Around Us	Lake Hill Elementary School 5
	17	Hudson Showalter	Developing A Laser Robotic Security System	West-mont School 4
	28	Nicholas Barclay	Le Train Maglev	Central Middle School 6
		Oliver Boucher		6
	37	Anna Umland	The Effects of Heat-Treating on the Hardness of Low and High Carb	Pacific Christian School 5
	47	Zakary Isbister	Which Bridge Can Carry The Heaviest Load?	Crystal View Elementary School 5
	84	Rachel Hamilton	Better Buildings For The Big One	St. Margaret's School 7
	96	Caitlin Doherty	Pumping Plaque	Gordon Head Middle School 8
		Vicki Kleu		Lambrick Park Secondary School 9
	107	Andrea Chan	Burn Clean and Save Money	Gordon Head Middle School 8
		Amanda Dundas		8
	111	Joel Taylor	Aerodynamics of Downtubes	Gordon Head Middle School 8

Silver

	7	Joey Wilson	Radio Control - How it works?	Crystal View Elementary School 5
	31	Calum Campbell	Pales et Electricite	Central Middle School 6
	32	Duncan Silversides	Battery Up! A comparison of different batteries.	Self Design 7
	34	Ann Makosinski	The Solar Sandwich - Improving the Efficiency of Solar Cells by up to	St. Michael's University School 8
	44	Andrew Galbraith	Do You Need to Clean Up an Oil Spill	Pacific Christian School 5
	73	Andrew Cunningham	The Breaking Point	Gordon Head Middle School 7
	78	Annie Gantly	Spill It!	Gordon Head Middle School 7
	91	Josh Lang	Weather vs Projectiles	Gordon Head Middle School 8
	105	Sidney Tham	Wind Work	St. Margaret's School 9
	130	Alexander Chlysta	Rover Robotics	Claremont Secondary School 10

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Drs. Rosemay & Walter Balfour Award							
	1	38	Lauren Ebata	The Truth About Compostable Bags	St. Margaret's School	5	
	2	40	Marissa Young	Who Can You Trust?	Lake Hill Elementary School	5	
BC Hydro - South Island Office Award							
		3	Katie Pearson	Current Made by Currents	St. Margaret's School	7	
BC Hydro - Power Pioneers Award							
		105	Sidney Tham	Wind Work	St. Margaret's School	9	
BC Institute of Agrologists Award							
		10	Caitlin Murray-Hill	The Buzz in Honey	St. Margaret's School	4	
		29	Joel Runkel	The Effect of Radiation on Bean Seed Development	Pacific Christian School	5	
		117	Emily Groseth	The "Roots" of Renewal	Gordon Head Middle School	8	
		119	Birch Banskrove	An Economic and Environmental Comparison of Compost Disposal in	Reynolds Secondary	9	
Drs. Jane Browning & Dave Berry Award							
		8	Jacob Mellish	Fastest Outdoor Running	West-mont School	4	
Chemical Institute of Canada Awards							
		1	102	Austin Sawyer	Slurpy Colour Magic	Gordon Head Middle School	8
		2	86	Jocelynnne Charlton	Detergents Verts?	Cedar Hill Middle School	8
				Saje Dennett		8	
Gordon Patterson Award							
		21	Samantha Connolly	ES-TU TOUJOURS CONCENTRÉ?	Central Middle School	6	
			Elsa Orme			7	
		114	Kayla-Marie Kulczycki	How Much Do Looks Count?	Monterey Middle School	8	
			Olivia Smith Rodrigues			8	
Rotary Club of Victoria							
		1	107	Andrea Chan	Burn Clean and Save Money	Gordon Head Middle School	8
				Amanda Dundas		8	
		2	67	Emma Pearson	What's the Best Way to Purify Water for 3rd World Countries and Dis	St. Margaret's School	6
		3	86	Jocelynnne Charlton	Detergents Verts?	Cedar Hill Middle School	8
				Saje Dennett		8	
		104	Chantelle Chan	Just a Smidge of Carbon Dioxide – It Won't Really Hurt Us!?!	Gordon Head Middle School	8	

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La Société Francophone de Victoria

intermédiaire	21	Samantha Connolly	ES-TU TOUJOURS CONCENTRÉ?	Central Middle School	6
		Elsa Orme			7
	28	Nicholas Barclay	Le Train Maglev	Central Middle School	6
		Oliver Boucher			6
	52	Jack Denham	Boissons gazeuses et Mentos	Central Middle School	6
	83	Isobel Glover	Combien Aime-t-on le Sucre?	Central Middle School	7
		Eva Hocking			7
junior	98	Sarah Byrne	Effets Énergétiques	Cedar Hill Middle School	8
		Amanda Galbraith			8

Thomas H Boyd Awards

	15	Sarah Vincent	Horse Dominance in a herd	St. Margaret's School	4
	20	Colleen MacFadgen	What household items discourage deer from eating apples?	Wishart Elementary School	5
	10	Caitlin Murray-Hill	The Buzz in Honey	St. Margaret's School	4
	41	Jamie Besteman	Worms "N" Dirt	Pacific Christian School	5

University of Victoria Education Chairs' Award

	64	Alyssa Norman	Then and Now: A Lifestyle Study	Cedar Hill Middle School	6
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University of Victoria Engineering Chairs' Award

	111	Joel Taylor	Aerodynamics of Downtubes	Gordon Head Middle School	8
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University of Victoria Human & Social Development Chairs' Award

	114	Kayla-Marie Kulczycki	How Much Do Looks Count?	Monterey Middle School	8
		Olivia Smith Rodrigues			8

University of Victoria Science Chairs' Award

	112	Isaac Dellabough	Impact of Relaxation and Exercise on Test Scores	Gordon Head Middle School	8
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University of Victoria Social Science Chairs' Award

	40	Marissa Young	Who Can You Trust?	Lake Hill Elementary School	5
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University of Victoria Chapter PsiChi Awards

	42	Caitlin Jessup	Looking Good	Lake Hill Elementary School	5
		Julia Lax			5
	114	Kayla-Marie Kulczycki	How Much Do Looks Count?	Monterey Middle School	8
		Olivia Smith Rodrigues			8

Victoria Natural History Society

1	45	Amber Rose Jellema	Do They Compost ?	Pacific Christian School	5
	110	Rowena Zhu	Attractive Dirt	Gordon Head Middle School	8
2	2	Veronica Pollock	Hummingbird Attraction to Food Colours	Gordon Head Middle School	7
	20	Colleen MacFadgen	What household items discourage deer from eating apples?	Wishart Elementary School	5
	81	Grant Hames-Morgan	Croissances des Plantes	Cedar Hill Middle School	7
	121	Martine Vincent	Growing With Crystal Soil	St. Margaret's School	9

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Science Venture Award

7	Joey Wilson	Radio Control - How it works?	Crystal View Elementary School	5
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Scientific Spirit Awards

9	Erika James	Music To My Ears	Lake Hill Elementary School	4
14	Kaitlin Griffith	Washroom Wars	Lake Hill Elementary School	4
51	Lily Macgregor	L'effect de la musique sur les plantes	Central Middle School	6
56	Emmett Armstrong	Surface Tension	Springwood Middle School	6
74	Calem Bardy	The Toil of Cleaning Oil	Cedar Hill Middle School	6
79	Hana Hourston	H2O: Légère ou Lourde?	Central Middle School	7
80	Connor Kinnon	Which Wood Burns the Longest?	Gordon Head Middle School	7
	Grant Hames-Morgan	Croissances des Plantes	Cedar Hill Middle School	7
82	Sarah Danks	La Phototropisme	Cedar Hill Middle School	7
	Briana Kane			7

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Business Awards

Cadboro Bay Book Company

Book	10	Caitlin Murray-Hill	The Buzz in Honey	St. Margaret's School	4
	17	Hudson Showalter	Developing A Laser Robotic Security System	West-mont School	4
Gift card	15	Sarah Vincent	Horse Dominance in a herd	St. Margaret's School	4

Chapters/Indigo -- Gift Card

Book	16	Cameron Hedderick	Crystal Geometry	Lake Hill Elementary School	4
		Travis Pullan			4
Book	61	Lauren Abernethy	The Suds on Soap	St. Margaret's School	6

IMAX theatre

Pass	128	Katherine Silversides	Grab It, Drop It: the design of a robotic arm	Esquimalt High School	10
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Maritime Museum

Pass	32	Duncan Silversides	Battery Up! A comparison of different batteries.	Self Design	7
Pass	52	Jack Denham	Boissons gazeuses et Mentos	Central Middle School	6
Pass	56	Emmett Armstrong	Surface Tension	Springwood Middle School	6
Pass	64	Alyssa Norman	Then and Now: A Lifestyle Study	Cedar Hill Middle School	6
Pass	123	Olivia MacGillivray	Do You Know Your Sleep	St. Margaret's School	9

Miniature World

Pass	15	Sarah Vincent	Horse Dominance in a herd	St. Margaret's School	4
Pass	23	Mackenzie Poland	Static 101	Pacific Christian School	5

Munro's Books

book	46	Mackenzie Messelink	Elmers Glue vs. Home Made non-toxic Glue	Pacific Christian School	5
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Ocean River Sports

Pass	96	Caitlin Doherty	Pumping Plaque	Gordon Head Middle School	8
		Vicki Kleu		Lambrick Park Secondary School	9

Prince of Whales

Pass	130	Alexander Chlysta	Rover Robotics	Claremont Secondary School	10
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Russell Books -- Gift Cards

Gift card	114	Kayla-Marie Kulczycki	How Much Do Looks Count?	Monterey Middle School	8
		Olivia Smith Rodrigues			8

Science Works -- Gift Certificate

Gift card	38	Lauren Ebata	The Truth About Compostable Bags	St. Margaret's School	5
	40	Marissa Young	Who Can You Trust?	Lake Hill Elementary School	5

Shaw Ocean Discovery Centre

Pass	117	Emily Groseth	The "Roots" of Renewal	Gordon Head Middle School	8
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Staples

Gift card	127	Caitlin Mackin	Popcorn	Claremont Secondary School	10
Gift card	131	Nolen Lah	The closer they are, the faster they fall...or not?	Claremont Secondary School	10

Undersea Gardens

Pass	83	Isobel Glover	Combien Aime-t-on le Sucre?	Central Middle School	7
Pass		Eva Hocking			7

Victoria Harbour Ferries

Pass	102	Austin Sawyer	Slurpy Colour Magic	Gordon Head Middle School	8
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Other awards

book	41	Jamie Besteman	Worms "N" Dirt	Pacific Christian School	5
	75	Shay Marks	Can Plants Save Lives in Haiti? Use of Reinforcing Plants in Building	Cedar Hill Middle School	6
	84	Rachel Hamilton	Better Buildings For The Big One	St. Margaret's School	7
	91	Josh Lang	Weather vs Projectiles	Gordon Head Middle School	8
	92	Andrew Braun	The Mayhem of Multitasking	Gordon Head Middle School	8
	99	Eddy Wang	Menisci Variations	Gordon Head Middle School	8
	104	Chantelle Chan	Just a Smidge of Carbon Dioxide – It Won't Really Hurt Us!?!	Gordon Head Middle School	8
	116	Rayanne Bimb	Mighty Microbes in Your Own Backyard	Gordon Head Middle School	8
	124	Jordan Henneberry	Blooming Music	St. Andrew's Regional High School	9