

# 51st Vancouver Island Regional Science Fair, April 2012

## Overall Winners

First	159	Alex Chlysta	Minds & Media	Claremont Secondary	11
Second	166	Vicki Kleu	SA-SHA and the Return of Pumping Plaque	Lambrick Park	10
Third	167	Ann Makosinski	The Piezoelectric Flashlight	St. Michael's University	9
Fourth	152	Katherine Evans	From Tank to Tap	St. Margaret's	9
Fifth	141	Andrea Chan Matthew Treble	Big or Small; Wide or Narrow	Lambrick Park	9

## Senior Division

First	162	Ji-Hyun Chung	Seed Germination and Plant Growth of Rapid Growing Radish Grown under Light-emitting Diode (LED)	Glenlyon Norfolk	12
Second	161	Katherine Silversides	This Plastic, That Plastic: a study of plastics	Esquimalt High	11
Third	163	Thomas Gilmour	The Effect of UV Light on the Elasticity of Rubber	Glenlyon Norfolk	12
Fourth	164	Birch Bangrove	Benefits of Cage Super Enrichment on Recovering Wildlife	Reynolds Secondary	10
Fifth	165	Adam Irvine	Electricity from Water	Claremont Secondary	10

## Junior Division

First	155	Isaac Dellabough Austin Sawyer	Potato Skins -- Not Just for Dipping	Lambrick Park	9
Second	131	Joshua McDonald	CNC (Computer Numerical Control): Robotic Cutting Machine	Home Schooled	9
Third	140	Liam Saad-Roy	Hand Eye Dominance in Basketball	Glenlyon Norfolk	9
Fourth	119	Lydia Biegun Julia Polischuk	Duckweed: An Improved Carbon Sink in Closed Biomes	Gordon Head Middle	8
Fifth	117	Tanisa Bimb	Garlic as an Antibacterial Substance	Gordon Head Middle	8

## Intermediate Division

First	170	Shay Marks	Raccoons in Rehab - Forage Training of Raccoons at a Wildlife Rehabilitation Centre	Cedar Hill Middle	7
Second	125	Kaitlin Rogers	Water Works	St. Margaret's	7
Third	124	Adrian Chlysta	It's Not Easy Being Green	South Island Distance	7
Fourth	42	Naman Sharma	Golf Ball Dynamics	Gordon Head Middle	7
Fifth	123	Nicholas Barclay	L'Avion en Vol	Central Middle	7

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### Elementary Division

First	52	Helena Radisavljevic	A Bird's Favourite Colour	Pacific Christian	5
Second	6	Nattan Telmer	Effects of temperature, target surface type, and ball characteristics on bounciness of balls	Frank Hobbs Elementary	4
Third	11	Colette Reimer	Does footwear effect Performance?	St. Margaret's	5
Fourth	22	Brecken Sales	Panic For Organic... Is It Better?	St. Margaret's	5
Fifth	57	Gabriel Taves	What Do We Have To Drink?	Pacific Christian	5

### Honorable Mentions

16	Jacob Mellish	Does stimulating one side of the brain affect accuracy	West-mont	5
53	Ewan Barker	Perfecting Paper Planes	Frank Hobbs Elementary	5
89	Sarah Vincent	The effects of light on Egg Production in Chickens	St. Margaret's	5
102	Malcolm Walker	La Musique et le Processus Mental	Victor-Brodeur	7
113	Paige Kaiser	"Savons" Nous	Cedar Hill Middle	8
123	Nicholas Barclay	L'Avion en Vol	Central Middle	7
127	Duncan Silversides	Zap: renewable energy for the future	Self Design	8
144	Benjamin Kukolj	Les ponts: types et principes	Victor-Brodeur	9
154	Chloi Cooke	The Effects of Acid Rain on Roofing Material	St. Margaret's	9
158	Miriam Mirine Kim	Short Term Beach Shore Line Observation	Oak Bay Secondary	12

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## Special Awards

### Hajash Award

159 Alex Chlysta Minds & Media Claremont Secondary 11

### JASCO Award

166 Vicki Kleu SA-SHA and the Return of Pumping Plaque Lambrick Park 10

### The University of Victoria President's Entrance Award

159 Alex Chlysta Minds & Media Claremont Secondary 11

### Dean of Science Scholarship

159 Alex Chlysta Minds & Media Claremont Secondary 11

### Nathan Geminiano Award

159 Alex Chlysta Minds & Media Claremont Secondary 11

166 Vicki Kleu SA-SHA and the Return of Pumping Plaque Lambrick Park 10

### NSERC Recognition Award

152 Katherine Evans From Tank to Tap St. Margaret's 9

167 Ann Makosinski The Piezoelectric Flashlight St. Michael's University 9

### Engineering Trophy

167 Ann Makosinski The Piezoelectric Flashlight St. Michael's University 9

### Environment Trophy

152 Katherine Evans From Tank to Tap St. Margaret's 9

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## Provincial Awards

### AI Appleton Worksafe Award

85	Lauren Abernethy	RF radiation Smart Meter vs. Cell Phone	St. Margaret's	7
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### American Association of Physics Teachers, Michael Crooks Prize

42	Naman Sharma	Golf Ball Dynamics	Gordon Head Middle	7
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### BC Agriculture in the Classroom

155	Isaac Dellabough Austin Sawyer	Potato Skins -- Not Just for Dipping	Lambrick Park	9
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### BC Hydro For Generations Award

125	Kaitlin Rogers	Water Works	St. Margaret's	7
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### BC Science Teachers' Award

43	Alexander Krawciw	Grab the Wind - Efficiencies of Different Wind Turbine Blade Numbers.	Gordon Head Middle	7
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### BC Nature (BC Naturalists)

170	Shay Marks	Raccoons in Rehab - Forage Training of Raccoons at a Wildlife Rehabilitation Centre	Cedar Hill Middle	7
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### Division for Women in Science & Engineering Award (DAWEG)

154	Chloi Cooke	The Effects of Acid Rain on Roofing Material	St. Margaret's	9
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### Heart & Stroke Foundation of BC/Yukon

166	Vicki Kleu	SA-SHA and the Return of Pumping Plaque	Lambrick Park	10
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### Pacific Carbon Trust

119	Lydia Biegun Julia Polischuk	Duckweed: An Improved Carbon Sink in Closed Biomes	Gordon Head Middle	8
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### Genome BC

72	Alyssa Norman	Gel Electrophoresis Pulling DNA to Pieces	Cedar Hill Middle	7
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### BCIC Young Scientist Award

130	April Gallicano	If Passengers Yak -- Do Drivers Distract	Gordon Head Middle	8
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### BC Innovation Student/Teacher Award

131	Joshua McDonald	CNC (Computer Numerical Control): Robotic Cutting Machine	Home School	9
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### BC Innovation Council Scholarship

159	Alex Chlysta	Minds & Media	Claremont Secondary	11
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### SCWIST

161	Katherine Silversides	This Plastic, That Plastic: a study of plastics	Esquimalt High	11
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### Provincial Awards - for nomination

### BC Hydro Scholarship

163	Thomas Gilmour	The Effect of UV Light on the Elasticity of Rubber	Glenlyon Norfolk	12
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### Genome BC Scholarship

162	Ji-Hyun Chung	Seed Germination and Plant Growth of Rapid Growing Radish Grown under Light-emitting Diode (LED)	Glenlyon Norfolk	12
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### WE Coates (Land Reclamation) Award

155	Isaac Dellabough Austin Sawyer	Potato Skins -- Not Just for Dipping	Lambrick Park	9
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## Locally Initiated Awards

### Association of Professional Biologists of BC

56	Moses Lee Benjamin Mulchinock	Hydroélectricité	Central Middle	6
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### Association of Professional Engineers & Geoscientists of BC

Gold	10	John Evans	Bridges! Design, Build and Test	Frank Hobbs Elementary	5
	11	Colette Reimer	Does footwear effect Performance?	St. Margaret's	5
	36	Guillaume Claude	Les éolienne	Victor-Brodeur	6
	36	Valdi Alarie-Hill	Les éolienne	Victor-Brodeur	6
	85	Lauren Abernethy	RF radiation Smart Meter vs. Cell Phone	St. Margaret's	7
	92	Maya Kanstrup	Wood vs Aluminum baseball bats	Other	4
	92	Margaret Krawciw	Wood vs Aluminum baseball bats	Other	4
	113	Paige Kaiser	"Savons" Nous	Cedar Hill Middle	8
	125	Kaitlin Rogers	Water Works	St. Margaret's	7
	128	Caden Churchill	Windmill Efficiency	Gordon Head Middle	8
	131	Joshua McDonald	CNC (Computer Numerical Control): Robotic Cutting Machine	Home Schooled	9
	166	Vicki Kleu	SA-SHA and the Return of Pumping Plaque	Lambrick Park	10
Silver	6	Nattan Telmer	Effects of temperature, target surface type, and ball characteristics on bounciness of balls	Frank Hobbs Elementary	4
	34	Yannick Truter	The Face-Off	Pacific Christian	5
	37	Lauren Ebata	Fertilizer Faceoff	St. Margaret's	6
	95	Alexandra Millett	Oil and Water	St. Margaret's	4
	102	Malcolm Walker	La Musique et le Processus Mental	Victor-Brodeur	7
	107	Calem Bardy	Preventing Concussions: Which Helmet Material Works Best?	Cedar Hill Middle	7
	114	Grant Hames-Morgan	La Production Hydrogène	Cedar Hill Middle	8
	126	Benton Boychuk-Chorney	Turning Heads - Video Game Controlled Using Head Movements	Home Schooled	8
	165	Adam Irvine	Electricity from Water	Claremont Secondary	10
	167	Ann Makosinski	The Piezoelectric Flashlight	St. Michael's University	9

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### Drs. Rosemay & Walter Balfour Award

1	6	Nattan Telmer	Effects of temperature, target surface type, and ball characteristics on bounciness of balls	Frank Hobbs Elementary	4
2	22	Brecken Sales	Panic For Organic... Is It Better?	St. Margaret's	5

### BC Hydro - South Island Office Award

167	Ann Makosinski	The Piezoelectric Flashlight	St. Michael's University	9
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### BC Hydro - Power Pioneers Award

7	Alex Andersen	Wind Turbine Blade Design	Lake Hill Elementary	4
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### BC Institute of Agrologists Award

elementary	89	Sarah Vincent	The effects of light on Egg Production in Chickens	St. Margaret's	5
intermediate	37	Lauren Ebata	Fertilizer Faceoff	St. Margaret's	6
junior	155	Isaac Dellabough Austin Sawyer	Potato Skins -- Not Just for Dipping	Lambrick Park	9
senior	162	Ji-Hyun Chung	Seed Germination and Plant Growth of Rapid Growing Radish Grown under Light-emitting Diode (LED)	Glenlyon Norfolk	12

### BC Oil & Gas Commission

elementary	98	Nicolas Read	The Fruit Battery	Other	4
intermediate	72	Alyssa Norman	Gel Electrophoresis Pulling DNA to Pieces	Cedar Hill Middle	7
junior	155	Isaac Dellabough Austin Sawyer	Potato Skins -- Not Just for Dipping	Lambrick Park	9
senior	166	Vicki Kleu	SA-SHA and the Return of Pumping Plaque	Lambrick Park	10

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## Drs. Jane Browning & Dave Berry Award

117	Tanisa Bimb	Garlic as an Antibacterial Substance	Gordon Head Middle	8
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## Chemical Institute of Canada Awards

1	161	Katherine Silversides	This Plastic, That Plastic: a study of plastics	Esquimalt High	11
2	154	Chloi Cooke	The Effects of Acid Rain on Roofing Material	St. Margaret's	9
3	57	Gabriel Taves	What Do We Have To Drink?	Pacific Christian	5

## Gordon Patterson Award

11	Colette Reimer	Does footwear effect Performance?	St. Margaret's	5
140	Liam Saad-Roy	Hand Eye Dominance in Basketball	Glenlyon Norfolk	9
144	Benjamin Kukulj	Les ponts: types et principes	Victor-Brodeur	9

## Improvement in Education Award

141	Andrea Chan Matthew Treble	Big or Small; Wide or Narrow	Lambrick Park	9
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## Psi Chi Award

33	Kaitlin Griffith	Do you see what I see?	Lake Hill Elementary	5
102	Malcolm Walker	La Musique et le Processus Mental	Victor-Brodeur	7
141	Andrea Chan Matthew Treble	Big or Small; Wide or Narrow	Lambrick Park	9

## Royal Astronomical Society of Canada, Victoria Chapter

not awarded

## Rotary Club of Victoria

1	167	Ann Makosinski	The Piezoelectric Flashlight	St. Michael's University	9
2	86	Lauren Roberts	How Clean Is My Stream	St. Margaret's	6
3	127	Duncan Silversides	Zap: renewable energy for the future	Self Design	8



## 51st Vancouver Island Regional Science Fair, April 2012

### La Société Francophone de Victoria

intermédiaire	102	Malcolm Walker	La Musique et le Processus Mental	Victor-Brodeur	7
	123	Nicholas Barclay	L'Avion en Vol	Central Middle	7
junior	113	Paige Kaiser	"Savons" Nous	Cedar Hill Middle	8
	169	Mathilde Claude Isabelle Cliché	Cerise ou Raisin?	Victor-Brodeur	9

### Thomas H Boyd Awards

award	52	Helena Radisavljevic	A Bird's Favourite Colour	Pacific Christian	5
	170	Shay Marks	Raccoons in Rehab - Forage Training of Raccoons at a Wildlife Rehabilitation Centre	Cedar Hill Middle	7
hon mention	4	Carmen Chung	Living Organisms in Soil	Frank Hobbs Elementary	4
	8	Aidan Hodson	Do Cats See Colour	Pacific Christian	5
	87	Camille Vine	Cancer Sniffing Dogs	St. Margaret's	6

### University of Victoria Education Chairs' Award

	81	Alysha Chung	Colour + Concentration	Gordon Head Middle	7
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### University of Victoria Engineering Chairs' Award

	163	Thomas Gilmour	The Effect of UV Light on the Elasticity of Rubber	Glenlyon Norfolk	12
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### University of Victoria Human & Social Development Chairs' Award

	16	Jacob Mellish	Does stimulating one side of the brain affect accuracy	West-mont	5
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### University of Victoria Science Chairs' Award

	71	Annabelle Rondeau	Goûtes-tu la Différence?	Victor-Brodeur	7
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### University of Victoria Social Science Chairs' Award

	121	Logan Chester	Music versus Marks	Gordon Head Middle	8
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## University of Victoria Chapter PsiChi Awards

Junior	141	Andrea Chan Matthew Treble	Big or Small; Wide or Narrow	Lambrick Park	9
intermediate	102	Malcolm Walker	La Musique et le Processus Mental	Victor-Brodeur	7
elementary	33	Kaitlin Griffith	Do you see what I see?	Lake Hill Elementary	5

## Victoria Natural History Society

1	86	Lauren Roberts	How Clean Is My Stream	St. Margaret's	6
	156	Sydney Brewer Anna Roberts	Un Question d'Espece	Cedar Hill Middle	8
2	52	Helena Radisavljevic	A Bird's Favourite Colour	Pacific Christian	5
	124	Adrian Chlysta	It's Not Easy Being Green	South Island Distance	7

## Science Venture Award

## Scientific Spirit Awards

1	Coban Scott	Rotational and Directional Momentum in Throwing a Baseball	Frank Hobbs Elementary	4
4	Carmen Chung	Living Organisms in Soil	Frank Hobbs Elementary	4
19	Isabel Dinneny	Mind Blowing Memories: The Effect of Emotion on Memory	Pacific Christian	5
21	William Lee	Making a Computer Game for the Blind	Frank Hobbs Elementary	5
34	Yannick Truter	The Face-Off	Pacific Christian	5
40	Saskia van Beers	Natural Electricity	Central Middle	6
55	Ishita Chadha	When is a Pepper Stronger than a Bear?	Gordon Head Middle	8
89	Sarah Vincent	The effects of light on Egg Production in Chickens	St. Margaret's	5

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## Business Awards

### Bolen Books

Book	4	Carmen Chung	Living Organisms in Soil	Frank Hobbs Elementary	4
Book	42	Naman Sharma	Golf Ball Dynamics	Gordon Head Middle	7
Book	109	Prairie Simard Sophie Snodgrass	Tempête de cristaux	Victor-Brodeur	7
Book	142	Sonia Ryall-Ota	La recherche sur le cancer: où en est-on?	Victor-Brodeur	9

### Cadboro Bay Book Company

Book	23	Sam Herbert	Pyramid Power	Lake Hill Elementary	5
Book	109	Prairie Simard Sophie Snodgrass	Tempête de cristaux	Victor-Brodeur	7

### Chapters/Indigo

Book	27	Brooklyn Richmond	Jacked Up On Java	Pacific Christian	5
Book	98	Nicolas Read	The Fruit Battery	Chase River Elementary	4
Book	117	Tanisa Bimb	Garlic as an Antibacterial Substance	Gordon Head Middle	8

### Victoria Harbour Ferry

Pass	11	Colette Reimer	Does footwear effect Performance?	St. Margaret's	5
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### IMAX theatre

Pass	6	Nattan Telmer	Effects of temperature, target surface type, and ball characteristics on bounciness of balls	Frank Hobbs Elementary	4
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### Maritime Museum of BC

Pass	28	Helen Leslie	Do Wheels Make The Robot Curve?	Lansdowne Middle	6
Pass	69	Mark Shields	Blu-ray Versus DVD	Maria Montessori	7

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### Miniature World

Pass	41	Zarija Djurickovic Cameron Paul	Quel Sort de Pain Moisi le Plus Vite?	Central Middle	6
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### Mineral World

Rock collection	74	Sophia Berk	The Effects of Drinking Smoothies on Body Temperature	Frank Hobbs Elementary	5
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### Munro's Books

Book	58	Jacob Humble	What Kind of Antifreeze is Environmentally Friendly?	Pacific Christian	5
Book	73	Cianna Gates	To Bag Or Not To Bag	Pacific Christian	5
Book	141	Matthew Treble Andrea Chan	Big or Small; Wide or Narrow	Lambrick Park	9

### Ocean River Sports

Pass	167	Ann Makosinski	The Piezoelectric Flashlight	St. Michael's University	9
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### Prince of Whales

Pass	152	Katherine Evans	From Tank to Tap	St. Margaret's	9
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### Russell Books -- Gift Cards

Gift card	22	Brecken Sales	Panic For Organic... Is It Better?	St. Margaret's	5
Gift card	53	Ewan Barker	Perfecting Paper Planes	Frank Hobbs Elementary	5

### Science Works -- Gift Certificate

Gift card	52	Helena Radisavljevic	A Bird's Favourite Colour	Pacific Christian	5
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### Shaw Ocean Discovery Centre

Pass	155	Isaac Dellabough Austin Sawyer	Potato Skins -- Not Just for Dipping	Lambrick Park	9
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### Staples Business Depot

Gift card	92	Maya Kanstrup Margaret Krawciw	Wood vs Aluminum baseball bats	Hillcrest Elementary Cloverdale Trad. Elementary	4
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### Undersea Gardens

Pass	17	Mattea Vandenberg	Bubble Gum	Lake Hill Elementary	4
Pass	48	Elliana Stocks	Oil Spills in Slow Motion	Pacific Christian	5
Pass	50	Danielle Tsao	Oil Spill Options (Searching for Sorbents)	Frank Hobbs Elementary	5

### Victoria Bug Zoo

Pass	88	Aria DeGroot	To Charge or Not To Charge	Pacific Christian	5
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### Other awards

Mini lifter	38	Emma Bradshaw Isabella MacKay	Fours Solaires	Central Middle	6
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