

54th Vancouver Island Regional Science Fair – April 2015

Overall Winners

First	121	Nathan Kuehne	Phenylalanine Self-Diagnostic Test for Phenylketonuria Patients	Glenlyon Norfolk School	11
Second	125	Andrea Chan Matt Treble	Get a Grip: Improving Prosthetic Hand Grip Using 3D Printable Compounds	St Michaels University School Lambrick Park Secondary	12
Third	123	Austin Sawyer	Low Cost Solutions to Improve Tie Longevity	Lambrick Park Secondary	12
Fourth	122	Alexander Stead David Weaver	Iron Nanoparticle Based In-Situ Anti-Coagulant Delivery	Glenlyon Norfolk School	11
Fifth	76	Janet Dawson	Good night Sun!	Gordon Head Middle School	8

Senior Division

First	120	Mohand Khouider Chaim Weinerman	Révolutions d'Énergie: Une Éolienne qui Lévite	Mount Douglas Secondary School	12
Second	124	Chantelle Chan	Lighting the Way: Design and Construction of a Raman Spectrometer	Mount Douglas Secondary School	12
Third	108	Alexander Krawciw	Robotic Mechanisms and their Advantages	Mount Douglas Secondary School	10
Fourth	109	Duncan Silversides	Stabilizing Scissor Lifts	Homeschooled	11
Fifth	116	Alice Xiao Julie Yu	Micro but macro: how Canadian fashion affects the local environment	Glenlyon Norfolk School	10

Junior Division

First	77	Anouk Watts	Les Moteurs Stirling	Central Middle School	8
Second	94	Lauren Ebata	Catching Fire (Ants)	St. Margaret's School	9
Third	100	Madeleine DesBrisay	How does sail shape impacts boat speed?	Glenlyon Norfolk School	9
Fourth	24	Caris Churchill	Exploring the Power of Suggestion	Arbutus Middle School	8
Fifth	93	Bjorn Svorkdal	Antimicrobial soap resistance	Glenlyon Norfolk School	9

Intermediate Division

First	79	Victor Kamel	Text Analyzer	Other	7
Second	18	Yassin Guitouni	Cleaning Oil Spills	École Victor-Brodeur	7
Third	1	Alexandra Roberts	Would deer really eat that?	St. Margaret's School	6
Fourth	12	Madison Olsen	Know Your Logos	St. Margaret's School	6
Fifth	2	Stephanie Wardell	Feline Fun, The Purrfect Toy	St. Margaret's School	6

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Elementary Division

First	48	Connor Delaney Cari Ellsay	Compossible	Frank Hobbs Elementary School	5
Second	52	Fernanda Cota	Memory and Age	Pacific Christian School	5
Third	31	Kate Cunningham	Swimsuit Saver	Pacific Christian School	5
Fourth	58	Ruby Enns	Med School or Dog Drool?	Pacific Christian School	5
Fifth	6	Owen Russell	Help! My Soccer Cleats Stink - Effective treatment to make them smell sweet	Pacific Christian School	5

Honorable Mentions

22	Ola Przydatek	Dog my cat	Arbutus Middle School	7
23	Samantha Charlton Amy Danks	La salive de chien contre les bactéries.	Cedar Hill Middle School	8
46	Himani Parajuli Ispeeta Ahmed	Effects of Electromagnetic Radiation on Plants	Frank Hobbs Elementary School	5
60	Xavier Taves	How Do We Cook Dinner?	Pacific Christian School	5
85	Margaret Krawciw	Making Plastic from Plants	Gordon Head Middle School	6
86	Tesnim Mtiraoui Ines Khouider	Turbines and propeller designs	Other	6
99	Lauren Roberts	Killing The Hidden Intruder	St. Margaret's School	9

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Special Awards

Hajash Award	121	Nathan Kuehne	Phenylalanine Self-Diagnostic Test for Phenylketonuria Patients	Glenlyon Norfolk School	11
JASCO Award	125	Andrea Chan Matt Treble	Get a Grip: Improving Prosthetic Hand Grip Using 3D Printable Compounds	St Michaels University School Lambrick Park Secondary	12
Starfish Medical Award	123	Austin Sawyer	Low Cost Solutions to Improve Tie Longevity	Lambrick Park Secondary	12
Enkin Award	122	Alexander Stead David Weaver	Iron Nanoparticle Based In-Situ Anti-Coagulant Delivery	Glenlyon Norfolk School	11
The President's Entrance Scholarship	121	Nathan Kuehne	Phenylalanine Self-Diagnostic Test for Phenylketonuria Patients	Glenlyon Norfolk School	11
Dean of Science Scholarship	121	Nathan Kuehne	Phenylalanine Self-Diagnostic Test for Phenylketonuria Patients	Glenlyon Norfolk School	11
Alexa Geminiano Award	121	Nathan Kuehne	Phenylalanine Self-Diagnostic Test for Phenylketonuria Patients	Glenlyon Norfolk School	11
	123	Austin Sawyer	Low Cost Solutions to Improve Tie Longevity	Lambrick Park Secondary	12
	125	Andrea Chan Matt Treble	Get a Grip: Improving Prosthetic Hand Grip Using 3D Printable Compounds	St Michaels University School Lambrick Park Secondary	12
Engineering Award	121	Nathan Kuehne	Phenylalanine Self-Diagnostic Test for Phenylketonuria Patients	Glenlyon Norfolk School	11
Environment Award	123	Austin Sawyer	Low Cost Solutions to Improve Tie Longevity	Lambrick Park Secondary	12

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Provincial Awards

AI Appleton Worksafe Award

18	Yassin Guitouni	Cleaning Oil Spills	École Victor-Brodeur	7
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BC Agriculture in the Classroom

1	Alexandra Roberts	Would deer really eat that?	St. Margaret's School	6
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BC Hydro For Generations Award

120	Mohand Khouider Chaim Weinerman	Révolutions d'Énergie: Une Éolienne qui Lévite	Mount Douglas Secondary School	12
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BC Nature (BC Naturalists)

64	Veronica Evans Taylor Novak	Quels Polluants Commun Ont Plus D'effet Sur Les Plantes Aquatiques?	Central Middle School	6
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94	Lauren Ebata	Catching Fire (Ants)	St. Margaret's School	9
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BC Science Teachers' Award

23	Samantha Charlton Amy Danks	La salive de chien contre les bactéries.	Cedar Hill Middle School	8
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BCIC Young Innovator Scholarship

121	Nathan Kuehne	Phenylalanine Self-Diagnostic Test for Phenylketonuria Patients	Glenlyon Norfolk School	11
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Genome BC Award

119	Elisa Cheng	The effect of Isatis indigotica extract on TNF-alpha induced epithelial cell infla	Glenlyon Norfolk School	11
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Heart & Stroke Foundation of BC/Yukon

8	Yashwant Reddy Katireddy	How does age affect heart rate ?	Arbutus Middle School	6
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Michael Crooks Prize

100	Madeleine DesBrisay	How does sail shape impacts boat speed?	Glenlyon Norfolk School	9
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SCWIST

76	Janet Dawson	Good night Sun!	Gordon Head Middle School	8
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Division for Women in Science & Engineering Award (DAWEG)

103	Girija Bhatnagar Mary Danesh	Hundred Mile Water Filter	St. Margaret's School	9
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125	Andrea Chan Matt Treble	Get a Grip: Improving Prosthetic Hand Grip Using 3D Printable Compounds	St Michaels University School Lambrick Park Secondary	12
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Provincial Awards - for nomination

BC Hydro Scholarship

	123	Austin Sawyer	Low Cost Solutions to Improve Tie Longevity	Lambrick Park Secondary	12
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Locally Initiated Awards

ASHRAE Award

	120	Mohand Khouider Chaim Weinerman	Révolutions d'Énergie: Une Éolienne qui Lévite	Mount Douglas Secondary School	12
Senior / Junior					
	86	Tessim Mtiraoui Ines Khouider	Turbines and propeller designs	Other	6
Elementary/ Intermediate					

Association of Professional Engineers & Geoscientists of BC

	108	Alexander Krawciw	Robotic Mechanisms and their Advantages	Mount Douglas Secondary School	10
Senior					
	109	Duncan Silversides	Stabilizing Scissor Lifts	Homeschooled	11
	125	Andrea Chan Matt Treble	Get a Grip: Improving Prosthetic Hand Grip Using 3D Printable Compounds	St Michaels University School Lambrick Park Secondary	12
Junior					
	102	Eve Taylor	Watts Up	St. Margaret's School	9
	105	Drew Jackson	Piezoelectricity generated from the movement of sails	Glenlyon Norfolk School	9
Intermediate					
	16	Nicola Leech	TSUNAMI SIMULATOR	George Bonner Middle School	7
	79	Victor Kamel	Text Analyzer	Other	7
	86	Tessim Mtiraoui Ines Khouider	Turbines and propeller designs	Other	6
Elementary					
	39	Jack Barry Jodh Gill Scott DeGreef	What would be the best wood for making a bow?	Maria Montessori Academy	5
	66	Nolan Philp Cohen Clark	Aerodynamic vs. Non-Aerodynamic Rocket Nose	George Bonner Elementary School	5

Drs. Rosemary & Walter Balfour Award

	105	Drew Jackson	Piezoelectricity generated from the movement of sails	Glenlyon Norfolk School	9
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BC Institute of Agrologists Award

elementary	41	Jessica Hirschbold Katelin Won	How to Make Good Compost	Frank Hobbs Elementary School	5
	46	Himani Parajuli Ispeeta Ahmed	Effects of Electromagnetic Radiation on Plants	Frank Hobbs Elementary School	5
intermediate	85	Margaret Krawciw	Making Plastic from Plants	Gordon Head Middle School	6
junior	78	Kathleen Sargent	Passé Décomposé	Cedar Hill Middle School	8

BC Hydro - Power Smart Award

	77	Anouk Watts	Les Moteurs Stirling	Central Middle School	8
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BC Hydro - Power Pioneers Award

	50	Ava Larson Becca Pettigrew	Solar Hot Water Heater	Frank Hobbs Elementary School	5
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Drs. Jane Browning & Dave Berry Award

	52	Fernanda Cota	Memory and Age	Pacific Christian School	5
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Chemical Institute of Canada Awards

1	85	Margaret Krawciw	Making Plastic from Plants	Gordon Head Middle School	6
2	112	Wini Lau	Calorimeter	St. Margaret's School	9
3	18	Yassin Guitouni	Cleaning Oil Spills	École Victor-Brodeur	7

Canadian Meteorological & Oceanographic Society

	15	Lili Munn	Acidifié	Central Middle School	7
	16	Nicola Leech	TSUNAMI SIMULATOR	George Bonner Middle School	7
	116	Alice Xiao Julie Yu	Micro but macro: how Canadian fashion affects the local environment	Glenlyon Norfolk School	10

Gordon Patterson Award

	10	Zofka Svec	Investigating the Death of an Orange	Maria Montessori Academy	6
	30	Catriona McAleer	Ice Cream Laziness	Keating Elementary	5
	39	Jack Barry Jodh Gill	What would be the best wood for making a bow?	Maria Montessori Academy	5

Muskoka Language International Award

	2	Stephanie Wardell	Feline Fun, The Purrfect Toy	St. Margaret's School	6
	7	Holly Burton	Can Horses Learn Colour?	St. Margaret's School	6

PARC Systems Inc

	79	Victor Kamel	Text Analyzer	Other	7
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Rotary Club of Victoria

Senior	121	Nathan Kuehne	Phenylalanine Self-Diagnostic Test for Phenylketonuria Patients	Glenlyon Norfolk School	11
Junior	76	Janet Dawson	Good night Sun!	Gordon Head Middle School	8
Intermediate	79	Victor Kamel	Text Analyzer	Other	7
Elementary	31	Kate Cunningham	Swimsuit Saver	Pacific Christian School	5

Royal Astronomical Society of Canada, Victoria Chapter

First	76	Janet Dawson	Good night Sun!	Gordon Head Middle School	8
	81	Amelia Hogg	Les Phases Lunaires	Central Middle School	7
	66	Scott DeGreef	Aerodynamic vs. Non-Aerodynamic Rocket Nose	George Bonner Elementary School	5
		Nolan Philp Cohen Clark			
HM	26	Astrid Neilson-Miller	La truc du trou noir	Central Middle School	6
HM	57	Miriam Heggie Olivia Stajduhar	Robots on the Go	Frank Hobbs Elementary School	4

Schneider Electric

	45	Taya Lee	How are Vitamin C Levels in Vegetables Affected by Different Cooking Methods?	Maria Montessori Academy	5
	103	Girija Bhatnagar Mary Danesh	Hundred Mile Water Filter	St. Margaret's School	9
	124	Chantelle Chan	Lighting the Way: Design and Construction of a Raman Spectrometer	Mount Douglas Secondary School	12

Schneider Electric Bip-Bop Awards

Senior	123	Austin Sawyer	Low Cost Solutions to Improve Tie Longevity	Lambrick Park Secondary	6
Intermediate	86	Tesnim Mtiraoui Ines Khouider	Turbines and propeller designs	Other	6

Science Venture

	48	Connor Delaney Cari Ellsay	Compossible	Frank Hobbs Elementary School	5
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Scientific Spirit Awards

					5
	6	Owen Russell		Help! My Soccer Cleats Stink - Effective treatment to make them smell sweet	Pacific Christian School
	46	Himani Parajuli		Effects of Electromagnetic Radiation on Plants	Frank Hobbs Elementary School
		Ispeeta Ahmed			5
	58	Ruby Enns		Med School or Dog Drool?	Pacific Christian School
	60	Xavier Taves		How Do We Cook Dinner?	Pacific Christian School
	61	Carolyn Ledohowski		Electricity From Foods	Homeschooled
	92	Thomas Allan		Electrolyte sport drinks vs juice	Glenlyon Norfolk School
	93	Bjorn Svorkdal		Antimicrobial soap resistance	Glenlyon Norfolk School

University of Victoria Education Chairs' Award

					6
	12	Madison Olsen		Know Your Logos	St. Margaret's School

University of Victoria Engineering Chairs' Award

					11
	109	Duncan Silversides		Stabilizing Scissor Lifts	Homeschooled

University of Victoria Human & Social Development Chairs' Award

					9
	97	Marissa Young		Do we do as we are told?	Glenlyon Norfolk School

University of Victoria Science Chairs' Award

					5
	48	Connor Delaney		Compossible	Frank Hobbs Elementary School
		Cari Ellsay			5

University of Victoria Social Science Chairs' Award

					8
	24	Caris Churchill		Exploring the Power of Suggestion	Arbutus Middle School

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Business Awards

CVS Sighting	32	Robyn Kotorynski Gabiella Shipley	That's the Way the Ball Bounces: The Effects of Temperature on Rubber Ball	Frank Hobbs Elementary School	5
Harbour Ferry	104	Tom Menning	How Does the Placement of a Load Affect the Stability of a Ship?	Belmont Secondary	10
IMAX theatre	81	Amelia Hogg	Les Phases Lunaires	Central Middle School	7
Miniature World	56	Annika Huijbregts Casey Dean	Taste Face: How Do People React to Different Flavours?	Elizabeth Buckley School	4
Munro's Books	94	Lauren Ebata	Catching Fire (Ants)	St. Margaret's School	9
	102	Eve Taylor	Watts Up	St. Margaret's School	9
	124	Chantelle Chan	Lighting the Way: Design and Construction of a Raman Spectrometer	Mount Douglas Secondary School	12
Ocean River Sports	100	Madeleine DesBrisay	How does sail shape impacts boat speed?	Glenlyon Norfolk School	9
Pearson	24	Caris Churchill	Exploring the Power of Suggestion	Arbutus Middle School	8
Prince of Whales	23	Samantha Charlton Amy Danks	La salive de chien contre les bactéries.	Cedar Hill Middle School	8
Quarky Science	22	Ola Przydatek	Dog my cat	Arbutus Middle School	7
	45	Taya Lee	How are Vitamin C Levels in Vegetables Affected by Different Cooking	Maria Montessori Academy	5
	46	Himani Parajuli	Effects of Electromagnetic Radiation on Plants	Frank Hobbs Elementary School	5
	46	Ispeeta Ahmed	Effects of Electromagnetic Radiation on Plants	Frank Hobbs Elementary School	5
	59	Grant Barkway Samuel Li	Amazing Nanotechnology: Examining the Strength of Different Structures.	Frank Hobbs Elementary School	4
	74	Lucas Henry	Les Circuits do Papier	Central Middle School	7
	108	Alexander Krawciw	Robotic Mechanisms and their Advantages	Mount Douglas Secondary School	10

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Russell Books -- Gift Cards

4	Finola Reed	Weighing In On Running	St. Margaret's School	6
9	Tomos Blackburn-Larmour	Titan Reactions	Elizabeth Buckley School	6

Science Works

109	Duncan Silversides	Stabilizing Scissor Lifts	Homeschooled	11
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Shaw Ocean Discovery Centre

18	Yassin Guitouni	Cleaning Oil Spills	École Victor-Brodeur	7
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UVic Department of Biology

72	Arsham Emad	ALGUES en CO2?!	Cedar Hill Middle School	8
122	Alexander Stead David Weaver	Iron Nanoparticle Based In-Situ Anti-Coagulant Delivery	Glenlyon Norfolk School	11

Victoria Bug Zoo

33	Benjamin Kappers	Invisible Shapes: The Science of Stealth	Pacific Christian School	5
35	Macy Holland	Monkey See, Monkey Taste?	Pacific Christian School	5
39	Jack Barry Jodh Gill	What would be the best wood for making a bow?	Maria Montessori Academy	5
53	Owen Bardy	How To Stay Warm in the Woods	Marigold Elementary School	5
54	Jack Tadla	Le Frottement sur la Glace	Central Middle School	6

Victoria Butterfly Gardens

20	Hayley Ellmann Simonetta Ridolfi	Time is Money	St. Margaret's School	7
25	Apria Stevenson Soleia Izmer-Morey	Juicemania	Frank Hobbs Elementary School	5

Victoria Symphony

Nancy McAleer			Belmont Senior Secondary	
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