

WATERLOO | MATHEMATICS

The CENTRE for EDUCATION in MATHEMATICS and COMPUTING



2014
*Beaver
Computing
Challenge*

Results

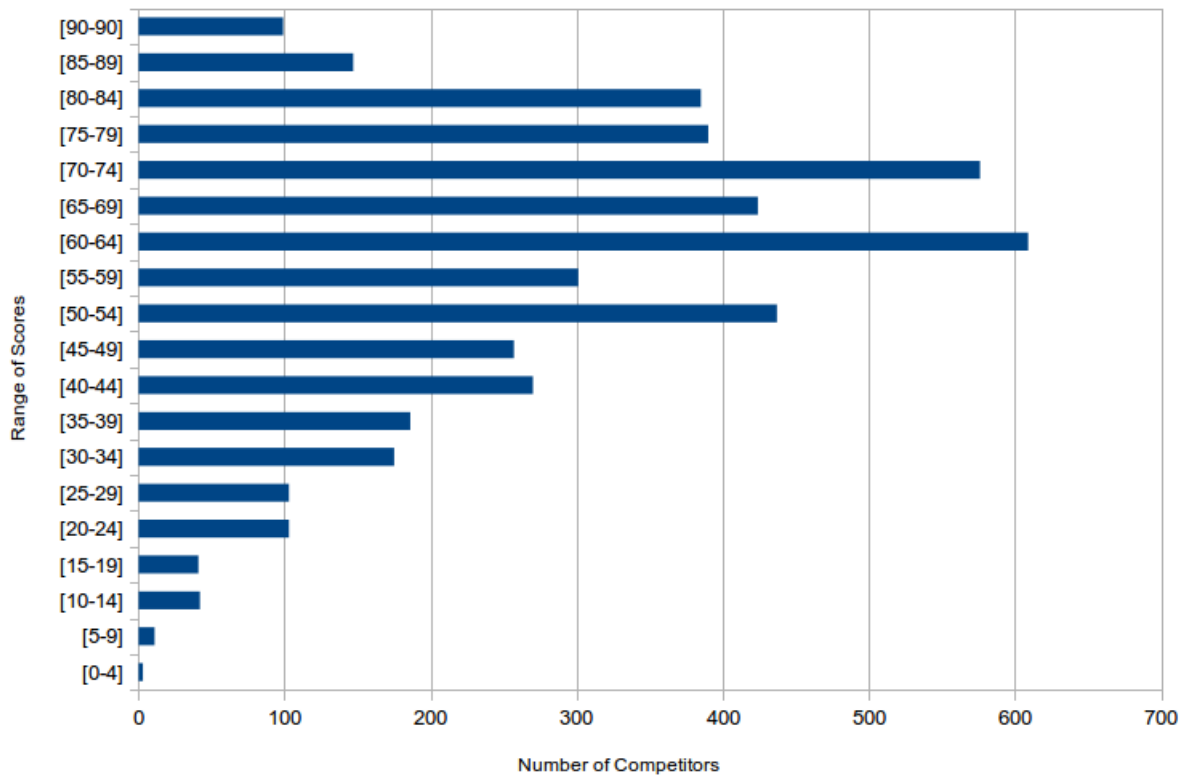
Overall Statistics

Number of competitors: 4558
 Overall average score: 59.85
 Standard deviation: 17.90
 Overall percentage score: 66.50

Averages by question

Funny Windows: 6.56/8	Rabbit Hole: 4.84/6	Translation Machine: 2.10/4
Pearl Bracelet: 7.01/8	Loudspeakers in a Village: 4.09/6	Strange Words: 1.21/4
Broken Clock: 5.37/8	Phone Bills: 2.06/6	Robust Network: 1.74/4
Alien Language: 6.41/8	Network Game: 4.50/6	Height Game: 1.60/4
Truth: 5.42/8	Lazy Beaver: 4.49/6	Express Trains: 2.57/4

2014 BCC Results



Honour Roll

Each section is sorted by Last Name.

Perfect Scores (90 points)

First Name	Last Name	School Name	City	Province
Kyle	Adams	Twin Lakes S.S.	Orillia	ON
Andreas	Alvear	University of Toronto Schools	Toronto	ON
Ben	Armstrong	Don Mills C.I.	North York	ON
Jack	Bai	A.B. Lucas S.S.	London	ON
Aradhya	Bansal	John Ware Jr. H.S.	Calgary	AB
Gabriel	Beiner	University of Toronto Schools	Toronto	ON
Aidan	Bruce	Centre Dufferin D.H.S.	Shelburne	ON
Matthew	Bugeya	Francis Libermann C.H.S.	Scarborough	ON
Patrick	Chen	Sir Winston Churchill S.S.	Vancouver	BC
Clarence	Chew	NUS H.S. of Mathematics and Science	Singapore	–
Pruthvi	Chivukula	Sir Robert Borden H.S.	Nepean	ON
Alex	Collins	Crescent School	North York	ON
Pamela	De Vera	St. Joseph's Morrow Park H.S.	North York	ON
Raina	Doshi	Turner Fenton S.S.	Brampton	ON
Carlos	Elorza Casas	St. Mary's H.S.	Kitchener	ON
Fei	Gao	Victoria Park C.I.	North York	ON
Ioana	Gavriliuc	St. Thomas Aquinas H.S.	Oakville	ON
Genki	Geronimo	Archbishop Carney S.S.	Port Coquitlam	BC
Howard	Halim	University of Toronto Schools	Toronto	ON
Jerry	He	Centennial Collegiate	Saskatoon	SK
Erica	Ho	Sir Winston Churchill S.S.	Vancouver	BC
Grace	Hu	Colonel By S.S.	Gloucester	ON
Ray	Hua	First Education Academy	Richmond	BC
Maximilian	Huang	Westdale S.S.	Hamilton	ON
Indira	Huck	Strathcona-Tweedsmuir School	Okotoks	AB
Robert	Hughes	St. John's-Ravenscourt School	Winnipeg	MB
Siqing	Huo	Colonel By S.S.	Gloucester	ON
Shuli	Jones	University of Toronto Schools	Toronto	ON
Maxwell	Jones	Academy for Gifted Children-PACE	Richmond Hill	ON
Keigan	Joyce	Richmond Academy	Louisdale	NS
Jacob	Jubenvill	John Ware Jr. H.S.	Calgary	AB
Tan	Jun Hong	NUS H.S. of Mathematics and Science	Singapore	–
Richard	Kang	John Ware Jr. H.S.	Calgary	AB
Vasily	Kapustin	Newmarket H.S.	Newmarket	ON
Mason	Kerr	Don Mills C.I.	North York	ON
Salmaan	Khan	Northview Heights S.S.	North York	ON
Anish	Khanna	Bayview S.S.	Richmond Hill	ON
Justin	Kim	Sir Robert Borden H.S.	Nepean	ON
Daniel	Kim	Oakridge S.S.	London	ON
Jeremy	Kuo	Hugh McRoberts S.S.	Richmond	BC
Daniel	Leong	NUS H.S. of Mathematics and Science	Singapore	–
Wesley	Leung	Bayview Glen School	North York	ON
Craig	Lewis	St. Francis Xavier S.S.	Mississauga	ON
William	Li	Sir John A. Macdonald S.S.	Waterloo	ON
Jasper	Liang	St. George's School	Vancouver	BC
Thomas	Lim	Hillfield-Strathallan Coll. H.S.	Hamilton	ON
Kevin	Liu	Kingsway College School	Etobicoke	ON
James	Long	Don Mills C.I.	North York	ON
Zhen Shu	Luan	St. George's School	Vancouver	BC
Tian	Luo	St. George's School	Vancouver	BC
Finn	Macdonald	Sir Winston Churchill C.V.I.	Thunder Bay	ON

First Name	Last Name	School Name	City	Province
Sarah	Mayo	Sir John A. Macdonald S.S.	Waterloo	ON
Anton	Medina	Notre Dame C.S.S.	Ajax	ON
Albert	Mogos	Forest Heights C.I.	Kitchener	ON
Jaime	Neira	Bishop Carroll H.S.	Calgary	AB
Jack	Pan	Bayview S.S.	Richmond Hill	ON
Justin	Paoli	Lisgar C.I.	Ottawa	ON
Woochan	Park	Archbishop Carney S.S.	Port Coquitlam	BC
Luke	Pilkey	St. John's-Ravenscourt School	Winnipeg	MB
Tan	Qi En	NUS H.S. of Mathematics and Science	Singapore	-
Dayde	Reid	Twin Lakes S.S.	Orillia	ON
Eddie	Ren	Colonel By S.S.	Gloucester	ON
Victor	Rong	University of Toronto Schools	Toronto	ON
Owen	Rowland Fawcett	Craig Kielburger S.S.	Milton	ON
Paul	Shen	Richmond Hill H.S.	Richmond Hill	ON
Ryan	Soetemans	North Lambton S. S.	Forest	ON
Adam	Stecklov	Harbord C.I.	Toronto	ON
Aidan	Stevens	Guelph C. and V.I.	Guelph	ON
Nicholas	Sullivan	Ashbury College	Rockcliffe	ON
Michael	Sun	Riverbend Junior High School	Edmonton	AB
Sanuj	Syal	Thornhill S.S.	Thornhill	ON
Joel	Tan Junyao	NUS H.S. of Mathematics and Science	Singapore	-
Andrew	Tang	Scots College	Wellington	-
Adam	Tidball	West Vancouver S.S.	West Vancouver	BC
Nathan	Tinga	Sir George Simpson J.H.S	St Albert	AB
Jonathan	Tjong	Sir John A. Macdonald S.S.	Waterloo	ON
Victor	Wang	Sir Winston Churchill S.S.	Vancouver	BC
Roger	Wang	Sir Winston Churchill S.S.	Vancouver	BC
Kevin	Wang	University of Toronto Schools	Toronto	ON
Cindy	Wang	Victoria Park C.I.	North York	ON
Elaine	Wang	Bayview S.S.	Richmond Hill	ON
Xuanyu	Wang	A.Y. Jackson S.S.	North York	ON
Johnny	Wei	Port Moody Sr. S.S.	Port Moody	BC
Tan	Wei Liang	NUS H.S. of Mathematics and Science	Singapore	-
Hannah	Wheler	John Ware Jr. H.S.	Calgary	AB
Benny	Wong	Eric Hamber S.S.	Vancouver	BC
Yi Wei	Wu	Bur Oak S.S.	Markham	ON
David	Xie	Glenforest S.S.	Mississauga	ON
Michael	Xu	Sir John A. Macdonald S.S.	Waterloo	ON
Andrew	Yapp	NUS H.S. of Mathematics and Science	Singapore	-
Tony	Yu	Riverbend Junior High School	Edmonton	AB
Lim	Yun Wei Shermane	NUS H.S. of Mathematics and Science	Singapore	-
Simon	Zeng	Earl of March S.S.	Kanata	ON
Luke	Zhang	Colonel By S.S.	Gloucester	ON
Dylan	Zhao	John Ware Jr. H.S.	Calgary	AB
Raymond	Zhou	University of Toronto Schools	Toronto	ON
Daniel	Zhou	Centennial Collegiate	Saskatoon	SK
Kevin	Zhu	Colonel By S.S.	Gloucester	ON
Ng	Zhuo Quan	NUS H.S. of Mathematics and Science	Singapore	-

Scores from 87 to 89 points

First Name	Last Name	School Name	City	Province
Faisal	Al-kwiliy	Runnymede C.I.	York	ON
Deepak S/O	Alagusubramanian	NUS H.S. of Mathematics and Science	Singapore	-
Hao Tian	Bai	Francis Libermann C.H.S.	Scarborough	ON

First Name	Last Name	School Name	City	Province
Alan	Dimitriev	St. Andrew's College	Aurora	ON
Liam	Faulkner	Galt C.I. and V.S.	Cambridge	ON
David	McCracken	Riverbend Junior High School	Edmonton	AB
Eric	Schilha	Forest Heights C.I.	Kitchener	ON
Yolanda	Su	Victoria Park C.I.	North York	ON
Felix	Xu	Rosseau Lake College	Rosseau	ON
Tianze	Xu	Colonel By S.S.	Gloucester	ON

Scores from 85 to 86 points

First Name	Last Name	School Name	City	Province
Austin	Andrews-Wilson	John Diefenbaker S.S.	Hanover	ON
Patrick	Au	Don Mills C.I.	North York	ON
Lukas	Bauer	Hillfield-Strathallan Coll. H.S.	Hamilton	ON
Zac	Bensemama	Lower Canada College	Montreal	QC
Kieran	Bererton	Bishop Carroll H.S.	Calgary	AB
Kevin	Boenisch	Hillfield-Strathallan Coll. H.S.	Hamilton	ON
William	Bouchard	Lower Canada College	Montreal	QC
Emma	Brooks	North Lambton S. S.	Forest	ON
Jerry	Chang	University of Toronto Schools	Toronto	ON
Connor	Chapman	West Vancouver S.S.	West Vancouver	BC
Daniel	Chen	Thornhill S.S.	Thornhill	ON
Daniel	Cheng	NUS H.S. of Mathematics and Science	Singapore	-
Ker	Chin Tian	NUS H.S. of Mathematics and Science	Singapore	-
Julie	Cho	Glenforest S.S.	Mississauga	ON
Chris	Choi	Notre Dame R.C.S.S.	Burlington	ON
Amber	Chow	Branksome Hall	Toronto	ON
Darell Yun DA	Chua	NUS H.S. of Mathematics and Science	Singapore	-
Louise	Cooke	North Toronto Christian School	North York	ON
Bryan	Cox	A.B. Lucas S.S.	London	ON
Perrin	Crosby	John Ware Jr. H.S.	Calgary	AB
Rachel	Daley	North Lambton S. S.	Forest	ON
Solomon	Davidson	Sir Wilfrid Laurier S.S.	Orleans	ON
Bimesh	De Silva	Richmond Hill H.S.	Richmond Hill	ON
Alan	Du	Bayview S.S.	Richmond Hill	ON
Graeme	Ferguson	Lisgar C.I.	Ottawa	ON
Vishwa	Gandhi	Woburn C.I	Scarborough	ON
Silvia	George	Waterloo C.I.	Waterloo	ON
Ryan	Greenwood	Kevin Honey	Mission	BC
Gordon	Guan	Richmond Hill H.S.	Richmond Hill	ON
Joshua	Han	University of Toronto Schools	Toronto	ON
Justine	Hancock	St. Clement's School	Toronto	ON
Luke	Hogan	Whitefield Christian Schools	Scarborough	ON
Max	Horne	Hillfield-Strathallan Coll. H.S.	Hamilton	ON
Yuriy	Humenyuk	St. James C.H.S.	Guelph	ON
Steven	Hyun	Appleby College	Oakville	ON
Elizabeth	Ip	Richmond Hill H.S.	Richmond Hill	ON
Kangcheng	Ji	Sir John A. Macdonald S.S.	Waterloo	ON
William	Jing	Trinity College School	Port Hope	ON
Jerry	Ju	Riverbend Junior High School	Edmonton	AB
Simrandeep	Kalsi	Northview Heights S.S.	North York	ON
Michael	Karimizadeh	Northview Heights S.S.	North York	ON
Deanna	Kim	University of Toronto Schools	Toronto	ON
Nathan	Klassen	Guelph C. and V.I.	Guelph	ON
Ethan	Kneller	Strathcona-Tweedsmuir School	Okotoks	AB

First Name	Last Name	School Name	City	Province
Zachary	Koh	NUS H.S. of Mathematics and Science	Singapore	–
Jin Ming	Koh	NUS H.S. of Mathematics and Science	Singapore	–
Nick	Lange	Riverbend Junior High School	Edmonton	AB
Davy	Lau	Steveston London S.S.	Richmond	BC
Gordon	Le	Colonel By S.S.	Gloucester	ON
Steven (Hyeok Jun)	Lee	Westdale S.S.	Hamilton	ON
Kevin	Lei	Port Moody Sr. S.S.	Port Moody	BC
Ben	Levy	Thornhill S.S.	Thornhill	ON
Bill	Li	Richmond Hill H.S.	Richmond Hill	ON
Andrew	Lin	Sager Education Inc.	Burnaby	BC
Yutian	Lin	Colonel By S.S.	Gloucester	ON
Ryan	Lithgow	Newmarket H.S.	Newmarket	ON
Yuting	Liu	Don Mills C.I.	North York	ON
Harrison	Liu	St. Andrew's College	Aurora	ON
Ericsson	Liu	John Ware Jr. H.S.	Calgary	AB
Eric	Liu	Colonel By S.S.	Gloucester	ON
Xavier	Low En Xiang	NUS H.S. of Mathematics and Science	Singapore	–
Thomas	Lowe	Luther College	Regina	SK
Yuyu	Luan	Cardinal Carter Academy	North York	ON
Calder	Lund	Richview C.I.	Etobicoke	ON
Grace	Ly	Cardinal Carter Academy	North York	ON
Daniel	Mahood	Kincardine D.S.S.	Kincardine	ON
Nicholas	Marini	Cardinal Carter Academy	North York	ON
Talya	Martin	St. Clement's School	Toronto	ON
Olivia	Masella	Lower Canada College	Montreal	QC
Marissa	Matthews	Colonel By S.S.	Gloucester	ON
Quinlan	McNellen	Runnymede C.I.	York	ON
Nicholas	Mertin	Hillfield-Strathallan Coll. H.S.	Hamilton	ON
Slava	Mironov	Earl of March S.S.	Kanata	ON
Harshil	Modi	Woburn C.I.	Scarborough	ON
Arjun	Moorthy	Moira S.S.	Belleville	ON
Brett	Morgan	Richmond Academy	Louisdale	NS
Evan	Morin	Cardinal Carter Academy	North York	ON
Justin	Narayan	Bayview Glen School	North York	ON
Alexander	Nediak	Jing Gai	Kingston	ON
Chris	Neibert	Hillfield-Strathallan Coll. H.S.	Hamilton	ON
Tyler	Nychka	Twin Lakes S.S.	Orillia	ON
Marcel	O'Neil	University of Toronto Schools	Toronto	ON
Vince	Ou	Richmond Hill H.S.	Richmond Hill	ON
Leong Song Zhu	Owen	NUS H.S. of Mathematics and Science	Singapore	–
Sasha	Paikin	Hillfield-Strathallan Coll. H.S.	Hamilton	ON
Victoria	Palermo	St. Mary's H.S.	Kitchener	ON
Nisarg	Parekh	Woburn C.I.	Scarborough	ON
Tapasvi	Patel	Woburn C.I.	Scarborough	ON
Daniel	Pechersky	Academy for Gifted Children-PACE	Richmond Hill	ON
Jacqueline	Ragosnig	Bayview S.S.	Richmond Hill	ON
William	Rhee	Canadian Int'l School of Beijing	Beijing	–
Max	Rhodes	Monarch Park C.I.	Toronto	ON
Nathan	Riis	Walter Murray C.I.	Saskatoon	SK
Alexander	Romanowich	St. Mary's H.S.	Owen Sound	ON
Kassie	Rong	Victoria Park C.I.	North York	ON
Jack	Roussel	Colonel By S.S.	Gloucester	ON
Brendan	Russell	Runnymede C.I.	York	ON
Dawn	Seburn	Lisgar C.I.	Ottawa	ON

First Name	Last Name	School Name	City	Province
Kevin	Shaw	Bayview S.S.	Richmond Hill	ON
Larry	Shi	Earl of March S.S.	Kanata	ON
Haoxuan	Shi	Xi'an Tie Yi High School	Xi'an	-
Lim	Shi Hern	NUS H.S. of Mathematics and Science	Singapore	-
Christopher	Silver	Fort Frances H.S.	Fort Frances	ON
Amolik	Singh	Northview Heights S.S.	North York	ON
Allison	Snopek	Hillfield-Strathallan Coll. H.S.	Hamilton	ON
Calvin	Surbey	Glenlawn C.I.	Winnipeg	MB
Aryan	Talati	John Ware Jr. H.S.	Calgary	AB
Aaron	Tan	Colonel By S.S.	Gloucester	ON
Jasmin	Tang	St. John's-Ravenscourt School	Winnipeg	MB
Jeremy	Tanuan	Francis Libermann C.H.S.	Scarborough	ON
Jeremy	Tian	Colonel By S.S.	Gloucester	ON
Akira	Tiesma	Oakridge S.S.	London	ON
Wilfred	Tong	Christian Alliance International School	Kowloon City	-
Jon Ervy	Torculas	St. James C.H.S.	Guelph	ON
Adam	Trotman	St. Thomas of Villanova College	King City	ON
Mariana	Vazquez	Appleby College	Oakville	ON
Maya	Vidovich	Heritage Glen P.S.	Oakville	ON
Yale	Wang	Sir Winston Churchill S.S.	Vancouver	BC
Chih Li	Wang	Harbord C.I.	Toronto	ON
Nancy	Wang	Bayview S.S.	Richmond Hill	ON
Fang	Wenfei	NUS H.S. of Mathematics and Science	Singapore	-
Lishan	Wilfred	Brother Andre C.H.S.	Markham	ON
Michael	Wong	Waterloo C.I.	Waterloo	ON
Yutian	Xie	First Education Academy	Richmond	BC
Derek	Xu	White Oaks S.S.	Oakville	ON
Alice	Xu	Victoria Park C.I.	North York	ON
Daniel	Xu	St. Francis Xavier S.S.	Mississauga	ON
Riley	Yanicki	Bishop Carroll H.S.	Calgary	AB
Ningrui	Yao	Sager Education Inc.	Burnaby	BC
Frank	Yu	Earl of March S.S.	Kanata	ON
Matthew	Zeng	Richmond Hill H.S.	Richmond Hill	ON
Leon	Zhang	Scots College	Wellington	-
Roark	Zhang	First Education Academy	Richmond	BC
Ji Lin	Zhu	Sir John A. Macdonald S.S.	Waterloo	ON
Michael	Zhu	Thornhill S.S.	Thornhill	ON
Robbie	Zhuang	Richmond Hill H.S.	Richmond Hill	ON
Dickson	Zhuang	Archbishop Carney S.S.	Port Coquitlam	BC

Scores from 84 to 84 points

First Name	Last Name	School Name	City	Province
Gareth	Adamson	Lisgar C.I.	Ottawa	ON
Chelsey	Aquino	Francis Libermann C.H.S.	Scarborough	ON
Eric	Assadi	Earl of March S.S.	Kanata	ON
Sourav	Biswas	Sir John A. Macdonald S.S.	Waterloo	ON
Brian	Choi	John Ware Jr. H.S.	Calgary	AB
Pei-tzu	Chou	Bluevale C.I.	Waterloo	ON
Jason	Chu	Westdale S.S.	Hamilton	ON
Fred	Chun	Sir John A. Macdonald S.S.	Waterloo	ON
Emma	Cross	Strathcona-Tweedsmuir School	Okotoks	AB
Si Cheng	Dai	Don Mills C.I.	North York	ON
Jerry	Ding	St. George's School	Vancouver	BC
Catherine	Dong	Acadia Jr. H.S.	Winnipeg	MB

First Name	Last Name	School Name	City	Province
Karen	Duarte	Oakridge S.S.	London	ON
Alexandra	Egorova	Vaughan S.S.	Thornhill	ON
Corey	Feng	M.M. Robinson H.S.	Burlington	ON
William	Fengler	Kincardine D.S.S.	Kincardine	ON
Roni	Fraimovich	Thornhill S.S.	Thornhill	ON
Elisabeth	Gagnon	Brother Andre C.H.S.	Markham	ON
Paytin	Gardner	Tecumseh Vista Academy	Tecumseh	ON
Ryden	Graham	Riverbend Junior High School	Edmonton	AB
Josh	Huang	River East C.I.	Winnipeg	MB
Stanley	Huang	Lisgar C.I.	Ottawa	ON
Ashar	Imam	John Fraser S.S.	Mississauga	ON
Lam	Io	Albert College	Belleville	ON
Ryan	Jacques	Riverbend Junior High School	Edmonton	AB
Michelle	Jin	Monarch Park C.I.	Toronto	ON
Avril	Jonker	St. Clement's School	Toronto	ON
Charles	Ju	Crescent School	North York	ON
Mher	Karadjian	ARS Armenian Private School	Willowdale	ON
Olga	Karmanova	Heritage Glen P.S.	Oakville	ON
Meagan	Klassen	Henry G. Izatt Middle School	Winnipeg	MB
Victor	Kobayashi	Crescent School	North York	ON
Jeffrey	Lee	NUS H.S. of Mathematics and Science	Singapore	-
Zachary	Leyderman	Richmond Hill H.S.	Richmond Hill	ON
Vivian	Li	Sir John A. Macdonald S.S.	Waterloo	ON
Andi	Li	Richmond Hill H.S.	Richmond Hill	ON
Kevin	Li	Moira S.S.	Belleville	ON
Keith	Loi Jun Xian	NUS H.S. of Mathematics and Science	Singapore	-
Nicholas	Morash	Hillfield-Strathallan Coll. H.S.	Hamilton	ON
Gautham	Nair	Woburn C.I.	Scarborough	ON
Matthew	Pan	St. Thomas Aquinas H.S.	Oakville	ON
Aniket	Patel	Port Credit S.S.	Mississauga	ON
Katerina	Petropoulos	The Study	Westmount	QC
Andjelija	Prekic	Monarch Park C.I.	Toronto	ON
Manraj	Rahi	Scots College	Wellington	-
Aadishwar	Rathore	Transitions Lab Prep School	Hyderabad	-
Brooke	Rowland	Hillfield-Strathallan Coll. H.S.	Hamilton	ON
Michael	Ruan	Harbord C.I.	Toronto	ON
Ben	Saul	Harbord C.I.	Toronto	ON
Kashif	Sayeed	Port Credit S.S.	Mississauga	ON
William	Shi	Guelph C. and V.I.	Guelph	ON
Shashvat	Shukla	NUS H.S. of Mathematics and Science	Singapore	-
Evan	Smith	Hants East Rural H.S.	Milford Station	NS
Eric	St-Amand	Oakridge S.S.	London	ON
Aidan	Thompson	Oakridge S.S.	London	ON
Nicholas	Toh Zhen Yu	NUS H.S. of Mathematics and Science	Singapore	-
Vinay	Tripathi	Bluevale C.I.	Waterloo	ON
Houston	Tsui	Don Mills C.I.	North York	ON
Benoit	Turpin	Merivale H.S.	Nepean	ON
Lenard	Vanderweerd	Rehoboth Christian School	Norwich	ON
Anne	Wang	John Ware Jr. H.S.	Calgary	AB
Emma	Wardrop	West Vancouver S.S.	West Vancouver	BC
Michael	Wood	Sir John A. Macdonald S.S.	Waterloo	ON
Zekun	Wu	Heritage Glen P.S.	Oakville	ON
Robert	Wu	Don Mills C.I.	North York	ON
Tony	Xia	St. George's School	Vancouver	BC

First Name	Last Name	School Name	City	Province
Alex	Xiang	University of Toronto Schools	Toronto	ON
Jonathan	Yang	Port Moody Sr. S.S.	Port Moody	BC
Elden	Yap Yi Tern	NUS H.S. of Mathematics and Science	Singapore	-
Tian	Yu	Bayview S.S.	Richmond Hill	ON
Ricky	Yuen	Harbord C.I.	Toronto	ON
Katherine	Zhang	Guelph C. and V.I.	Guelph	ON
Leon	Zhou	St. George's School	Vancouver	BC