



The CENTRE for EDUCATION
in MATHEMATICS and COMPUTING

*2013
Canadian
Computing
Competition
Results*

Sponsors:

**WATERLOO
MATHEMATICS**



Enriching Mathematics and
Computer Science for 50 years

The 2013 CCC was another year of change.

In a way similar to 2012, the averages this year were very good, reinforcing that both the Junior and Senior competitions are approachable for the majority of students. Again, there is a large clump of Junior competitors who achieved 60/75, which is a very good score.

We launched a live version of the on-line CCC grader (expanding from the pilot version in 2012) that about half of the competitors registered for this year. With a few glitches now sorted out (including Java memory errors and timing issues), I think the on-line grader will become the de-facto standard for contest writers, due to the feedback it provides. We will still allow teachers and students to choose to grade off-line, but the selection of languages (C, C++, Pascal, Java, Python, Perl and PHP) will hopefully cover the vast majority of competitors.

Again, if students want to learn Python, check out the CS Circles On-line Resource at:

`cscircles.cemc.uwaterloo.ca`

We continued the collaboration with Tsinghua University in Beijing and the University of Hong Kong to offer the contest to Beijing and Hong Kong high school students. More information (including results) can be found at: <http://ccc.cs.tsinghua.edu.cn/> and <http://www.cs.hku.hk/ccc2013/>. As in previous years, the organizers from Tsinghua and HKU collaborated with UW to create a contest different than the Canadian CCC.

Below, a qualitative summary of both the Junior and Senior contest is presented.

I hope you found the contest this year interesting and educational, fun and intriguing. Thanks for being a part of it.

Troy Vasiga
Director of the Canadian Computing Competition
March 28, 2013

Junior Competitors

Students are listed in alphabetical order within each group.

Dans chaque group, les élèves sont nommés en ordre alphabétiques.

Name/Nom	School/École	Location/Endroit
Group 1: Scores from 68 to 75		
Adam	Jahid	St. George's School
Blondal	Ari	Eric Hamber S.S.
Chao	Elisa	Vincent Massey S.S.
Chapman Black	Jasper	Eric Hamber S.S.
Chauvin	Zachary	Trinity College School
Chu	Christopher	University of Toronto Schools
Francis	David	University of Toronto Schools
Ganguli	Jay	Notre Dame R.C.S.S.
Grant	Kyle	Cobequid Educational Centre
Gu	Yuantao	Vincent Massey S.S.
Johnson	Evan	St. George's School
Kachroo	Bhareth	Bayview Glen School
Khamar	Kunal	Middlefield C.I.
Mundel	Oliver	Lycee Claudel
Oneil	Celine	University of Toronto Schools
Pei	Kevin	
Rong	Frieda	
Sales	Emmanuel	Eric Hamber S.S.
Sun	Tao	Resurrection C.S.S.
Wang	Dong Fang	Appleby College
Wong	Phillip	Eric Hamber S.S.
Zhang	Tony	
Group 2: Scores from 61 to 67		
Chau	Steven	Hon. W. C. Kennedy C.I.
Chen	Brian	Woburn C.I.
Chen	Zhuo	Shenzhen M.S.
Harmer	Jesse	Champlain Reg. College - St. Lambert
Hauser	Jacob	St. George's School
Huang	Yutong	Shenzhen M.S.
Li	Jingling	Shenzhen M.S.
Liu	Yufei	Shenzhen M.S.
Liu	Yupeng	Lisgar C.I.
Lo	Ian	Crescent School
Moayyedi	Alexander	Hillfield-Strathallan Coll. H.S.
Niu	Shangyuan	Shenzhen M.S.
Parikh	Neil	Henry Wise Wood Sr. H.S
Shang	Andy	Don Mills C.I.
Shea	Kimberly	Resurrection C.S.S.
Sucholutsky	Ilia	Thornhill S.S.
Tofu	David	Int'l Comm. School Addis
Udayashankar	Sohanthen	Leaside H.S.

Canadian Student Honour Roll
Palmarès des élèves à l'échelle nationale

Name/Nom		School/École	Location/Endroit
Wan	Clement	University of Toronto Schools	Toronto, ON
Wu	Nelson		North York, ON
Xu	Jingyi	Shenzhen M.S.	Shenzhen, –
Xu	Lianghua	Shenzhen M.S.	Shenzhen, –
Zhang	Moling	Shenzhen M.S.	Shenzhen, –
Group 3: Scores from 60 to 60			
Abbott	Luciano	Markham District H.S.	Markham, ON
Acosta	Tyler	Sir Oliver Mowat C.I.	Scarborough, ON
Al En	Noor	Newmarket H.S.	Newmarket, ON
Alizadeh	Camy	University of Toronto Schools	Toronto, ON
Bagshaw	Andrew	St. George's School	Vancouver, BC
Banh	Balin	Richview C.I.	Etobicoke, ON
Bazzi	Kassem	Vincent Massey S.S.	Windsor, ON
Belvedere	Peter	Michael Power-St Joseph	Etobicoke, ON
Bianchi	Mollie	St. Thomas of Villanova College	King City, ON
Bisson	Jeanfrancois	Lycee Claudel	Ottawa, ON
Brandolino	Darian	St. Marcellinus S.S.	Mississauga, ON
Burtea	Ioana	University of Toronto Schools	Toronto, ON
Chahal	Jagjeevan	Markham District H.S.	Markham, ON
Chen	Chloe		Burnaby, BC
Chen	Jeffrey	Vincent Massey S.S.	Windsor, ON
Chen	Johnson	Nepean H.S.	Ottawa, ON
Chen	Luxian	Burnaby North S.S.	Burnaby, BC
Chen	Tony	North Toronto Christian School	North York, ON
Chisholm	Rory	Markville S.S.	Markham, ON
Chlysta	Alexander	Claremont S.S.	Victoria, BC
Cochrane	Simon	Champlain Reg. College - St. Lambert	Saint-Lambert, QC
Cohn	David	The Country Day School	King City, ON
Cojan U	Vlad	E.S. Etienne-Brule	North York, ON
Colborne	Sarah	Cobequid Educational Centre	Truro, NS
Crant	Ioana	Vincent Massey S.S.	Windsor, ON
Day	Jamie	St. George's School	Vancouver, BC
Devisser	Chris	Waterloo C.I.	Waterloo, ON
Dobson	Christopher	Toronto French School	North York, ON
Dong	Jiaqi	Don Mills C.I.	North York, ON
Dubrick	Kyle	Resurrection C.S.S.	Kitchener, ON
Dzikh	Andriy	St. Marcellinus S.S.	Mississauga, ON
Ebel	Nicholas	Riverside S.S.	Windsor, ON
Eldridge	Cameron	Nepean H.S.	Ottawa, ON
Engio	Brian	Resurrection C.S.S.	Kitchener, ON
Erokhine	Nikita	Centennial C. & V.I.	Guelph, ON
Eyers	Ethan	Cobequid Educational Centre	Truro, NS
Fan	Zhen	Shenzhen M.S.	Shenzhen, –
Fecenko	Andrew	Richview C.I.	Etobicoke, ON
Fish	John	Centennial Waterloo Gifted	Waterloo, ON
Francispillai	Jeremy	Sacred Heart H.S.	Stittsville, ON
Gan	Ted	Colonel By S.S.	Gloucester, ON
Gao	Eric	Unionville H.S.	Markham, ON

Canadian Student Honour Roll**Palmarès des élèves à l'échelle nationale**

Name/Nom		School/École	Location/Endroit
Gao	George	Killarney S.S.	Vancouver, BC
Gao	Yan Peng	Forest Heights C.I.	Kitchener, ON
Garg	Karan	Centennial C. & V.I.	Guelph, ON
Gibson	Devin	Eric Hamber S.S.	Vancouver, BC
Good	Nicholas	St. George's School	Vancouver, BC
Grant	Justin	Regina Mundi Catholic College	London, ON
Guo	Ethan	Centennial Waterloo Gifted	Waterloo, ON
Hajjar	Simon	De La Salle College Oaklands	Toronto, ON
Hardy	Ethan	Nepean H.S.	Ottawa, ON
He	Andy	Eric Hamber S.S.	Vancouver, BC
Ho	Ernest	St. Augustine C.H.S.	Markham, ON
Ho	Hubert	Unionville H.S.	Markham, ON
Hui	Ki Lok Domin		Burnaby, BC
Hu	Jian	Eric Hamber S.S.	Vancouver, BC
Hu	Nicholas	Eric Hamber S.S.	Vancouver, BC
Jia	Kevin	Lisgar C.I.	Ottawa, ON
Jiangxu	Xinggxu	Richview C.I.	Etobicoke, ON
Kabir	Tanha	Mount Douglas S.S.	Victoria, BC
Kay	Rupert	St. George's School	Vancouver, BC
Khan	Fyyaz	Woburn C.I.	Scarborough, ON
Kivlichan	David	De La Salle College Oaklands	Toronto, ON
Kovacs C	Nicholas	O'Neill C.V.I.	Oshawa, ON
Krishanthan	Daniel	Woburn C.I.	Scarborough, ON
Kulchyski	Dylan	River East C.I.	Winnipeg, MB
Lai	Christopher	Holy Trinity School	Richmond Hill, ON
Lai	Robert	Markham District H.S.	Markham, ON
Lam	Jenni	Mount Douglas S.S.	Victoria, BC
Lau	Willy	Lisgar C.I.	Ottawa, ON
Lee	Daniel	University of Toronto Schools	Toronto, ON
Lee	Mathew	Sacred Heart H.S.	Stittsville, ON
Leong	Jeremy	Bur Oak S.S.	Markham, ON
Librach	Jonah	Com. Hebrew Academy of Toronto	Toronto, ON
Li	Heather	Eric Hamber S.S.	Vancouver, BC
Lilek	Marco	Waterloo C.I.	Waterloo, ON
Li	Leo	Albert Campbell C.I.	Scarborough, ON
Li	Martin	St. Augustine C.H.S.	Markham, ON
Lin	Andrew	St. George's School	Vancouver, BC
Lin	Edric	Sir John A. Macdonald S.S.	Waterloo, ON
Ling	Victor	London Central S.S.	London, ON
Lin	Randy	Markham District H.S.	Markham, ON
Liu	Harry	Burnaby North S.S.	Burnaby, BC
Lomond	Devin	Cobequid Educational Centre	Truro, NS
Lu	George		North York, ON
Lu	Yifan		North York, ON
Macaulay	Noah	Citadel H.S.	Halifax, NS
Magen	Roy	The Abelard School	Toronto, ON
Malvania	Priyank	Weston C.I.	Toronto, ON
Martens	Jacob	St. Theresa's H.S.	Midland, ON
Martin	Sarah	St. Clement's School	Toronto, ON

Canadian Student Honour Roll**Palmarès des élèves à l'échelle nationale**

Name/Nom		School/École	Location/Endroit
Muraleetharan	Karthigan	Woburn C.I	Scarborough, ON
Nair	Akshay	Middlefield C.I.	Markham, ON
Nyiri	Blanka	Colonel By S.S.	Gloucester, ON
Obrien	Victor	Notre Dame R.C.S.S.	Burlington, ON
Oldershaw	Aidan	Crescent School	North York, ON
Parikh	Kieran	Toronto French School	North York, ON
Patel	Adarvan	E.S. Etienne-Brule	North York, ON
Patel	Harsh	Middlefield C.I.	Markham, ON
Pelino	David	Lakefield College School	Lakefield, ON
Pineault	Austin	Colonel By S.S.	Gloucester, ON
Posluns	Gil	William Lyon Mackenzie C.I.	North York, ON
Qiu	Amy	Vincent Massey S.S.	Windsor, ON
Rajaskera	Chamu	St. Joan of Arc C.S.S	Mississauga, ON
Rajyam	Mitra	Agincourt C.I.	Scarborough, ON
Raza	Hamza	Middlefield C.I.	Markham, ON
Reed	Maximilian	Centennial C. & V.I.	Guelph, ON
Rideout	Joseph	Cochrane H.S.	Cochrane, AB
Roberts	Brandon	White Oaks S.S.	Oakville, ON
Ro	Jonghyun	Richview C.I.	Etobicoke, ON
Saggu	Sahibjot	Grand River C.I.	Kitchener, ON
Sansom	Connor	Royal St. George's College	Toronto, ON
Seto	Jeff	Crescent School	North York, ON
Shahzada	Kaspar	Trinity College School	Port Hope, ON
Shen	Mijia	Georges Vanier S.S.	North York, ON
Shi	Alex	Don Mills C.I.	North York, ON
Shi	Yun		Richmond Hill, ON
Shnayder	Yan	Newmarket H.S.	Newmarket, ON
Shukla	Animesh	Robert Bateman H.S.	Burlington, ON
Shum	Kit Shing	St. George's School	Vancouver, BC
Skrundz	David	Ecole Marguerite d'Youville	St Albert, AB
Srivastava	Anubhan	Colonel By S.S.	Gloucester, ON
Stribling	Justin	Waterloo Oxford D.S.S.	New Hamburg, ON
Su	Stanley	Upper Can Col-Upper School	Toronto, ON
Szeto	Gordon	Richview C.I.	Etobicoke, ON
Tang	Ethan	Peoples Christian Academy	Markham, ON
Tang	Johnny	Markham District H.S.	Markham, ON
Tilikaynen	Reyno	William Lyon Mackenzie C.I.	North York, ON
Togola	Tieme	Champlain Reg. College - St. Lambert	Saint-Lambert, QC
Tran	Philip	Riverdale C.I.	Toronto, ON
Ulitsky	Larissa	Bell H.S.	Nepean, ON
Varma	Sunjay	Henry Wise Wood Sr. H.S	Calgary, AB
Vlasov	Catherine	University of Toronto Schools	Toronto, ON
Vyas	Jimi	The Abelard School	Toronto, ON
Wang	Raymond	St. George's School	Vancouver, BC
Wang	William	University of Toronto Schools	Toronto, ON
Wang	Zack	Markham District H.S.	Markham, ON
Warr	Keri	St. Mary C.S.S.	Pickering, ON
Weeratunga	Menushka	Vincent Massey S.S.	Windsor, ON
Wehnde	Martin	Richview C.I.	Etobicoke, ON

Canadian Student Honour Roll**Palmarès des élèves à l'échelle nationale**

Name/Nom		School/École	Location/Endroit
Whitmore	Justin	John F. Ross C.V.I.	Guelph, ON
Whyte	Joanne	St. Clement's School	Toronto, ON
Wills	Keegan	Trinity College School	Port Hope, ON
Wolfe	Josh	The Country Day School	King City, ON
Wood Oxha	Jonathon	Richview C.I.	Etobicoke, ON
Woods	Eric	John F. Ross C.V.I.	Guelph, ON
Woolven	Eric	Toronto French School	North York, ON
Wu	Gloria	University of Toronto Schools	Toronto, ON
Wu	Minghua	Beijing Concord College of Sino-Canada	Beijing, –
Wu	Ray	Mount Douglas S.S.	Victoria, BC
Wu	Zhou Ji (jam)	Albert Campbell C.I.	Scarborough, ON
Xiao	Jeffrey	University of Toronto Schools	Toronto, ON
Xia	Yiwei	Lakefield College School	Lakefield, ON
Xu	Jerry		North York, ON
Xu	Jian Bang	Point Grey S.S.	Vancouver, BC
Yao	Kaidan	Shenzhen M.S.	Shenzhen, –
Zhang	Ziqian	Beijing Concord College of Sino-Canada	Beijing, –
Zolob	Morgan	Dover Bay S.S.	Nanaimo, BC

Group 4: Scores from 58 to 59

Abell	Austin	Trinity College School	Port Hope, ON
Bauk	Nenad	Richview C.I.	Etobicoke, ON
Cheng	George	University of Toronto Schools	Toronto, ON
Cong	Tony	St. George's School	Vancouver, BC
De Zoysa	Anjalo	Agincourt C.I.	Scarborough, ON
Egerland	Joshua	Superior Heights C & V.S	Sault Ste Marie, ON
Fakhraei	Rez A	Nepean H.S.	Ottawa, ON
Gaul T	Nicholas	Cobequid Educational Centre	Truro, NS
Hong	Oscar	St. George's School	Vancouver, BC
Hsueh	Albert	Dover Bay S.S.	Nanaimo, BC
Huang	Felix	St. George's School	Vancouver, BC
Jiang	Derek	St. George's School	Vancouver, BC
Kang	Kevin	Don Mills C.I.	North York, ON
Kishore	Vatya	Leaside H.S.	East York, ON
Kitaev	Alexander	Centennial Waterloo Gifted	Waterloo, ON
Lee	Peter	Charles P. Allen H.S.	Bedford, NS
Liu	Jerry	Bur Oak S.S.	Markham, ON
Long	Brian	St. George's School	Vancouver, BC
Lopez	Rodrigo	St. Thomas Aquinas S.S.	London, ON
Mohan	Anujan	Bayview Glen School	North York, ON
Nelson	Devon	St. George's School	Vancouver, BC
Nickel	Karl	River East C.I.	Winnipeg, MB
Perera	Mark	Gloucester H.S.	Gloucester, ON
Popovic	Alex	Vincent Massey S.S.	Windsor, ON
Redelmeier	Robbie	University of Toronto Schools	Toronto, ON
Sam	Bowen	Unionville H.S.	Markham, ON
Tai	Jan	St. George's School	Vancouver, BC
Tu	Lincheng	Georges Vanier S.S.	North York, ON
Uthayagumaran	Aaron	Middlefield C.I.	Markham, ON

Canadian Student Honour Roll**Palmarès des élèves à l'échelle nationale**

Name/Nom		School/École	Location/Endroit
Wang	Shuran	A.Y. Jackson S.S.	North York, ON
Wilson	Ryan	Bramalea S.S.	Brampton, ON
Wu	Meng	Shenzhen M.S.	Shenzhen, –
Yaaksel	Doaaa	Ozel Ege Lisesi	Bornova Izmir, –
Yukse	Semsettin Og	Ozel Ege Lisesi	Bornova Izmir, –
Zhao	Raymond	A.Y. Jackson S.S.	North York, ON

Senior Competitors

Students are listed in alphabetical order within each group.

Dans chaque group, les élèves sont nommés en ordre alphabétiques.

Name/Nom	School/École	Location/Endroit	
Group 1: Scores from 71 to 75			
Broughton	Michael	Northern S.S.	Toronto, ON
Chen	Tianze		North York, ON
Deng	Calvin	North Carolina School of Science & Math	Durham, NC
Huang	Andy	Milliken Mills H.S.	Markham, ON
Hui	Daniel	Woburn C.I	Scarborough, ON
Jackson	Jacob	University of Toronto Schools	Toronto, ON
Kong	Angus Edmund	Vincent Massey S.S.	Windsor, ON
Lee	Dawon	Harry Ainlay H.S.	Edmonton, AB
Li	Colin		Richmond Hill, ON
Liu	Calvin		North York, ON
Li	Yikuan		North York, ON
Qadri	Mohammad Amm	Woburn C.I	Scarborough, ON
Richardson	Adam	Colonel By S.S.	Gloucester, ON
Rodrigues	Alexander	Bishop Carroll H.S.	Calgary, AB
Smolins	Mihails	Riga State Gymnasium No 1	Riga, –
Sun	Kevin	Kennedy Jr. High School	Lisle, IL
Tai	Zizheng	Shenzhen M.S.	Shenzhen, –
Wang	Shine	Upper Can Col-Upper School	Toronto, ON
Wei	Yuanhao	Earl of March S.S.	Kanata, ON
Yehayes	Henoch	Charles P. Allen H.S.	Bedford, NS
Ying	Ted		North York, ON
Young	Michael	Richmond Hill H.S.	Richmond Hill, ON
Zhang	Fan	Lisgar C.I.	Ottawa, ON
Zhang	Jim	Waterloo C.I.	Waterloo, ON
Zhang	Zihao	Vincent Massey S.S.	Windsor, ON
Zou	Tony	Bell H.S.	Nepean, ON
Group 2: Scores from 60 to 70			
Abdul Hakim	Ahmad Naved	Georges Vanier S.S.	North York, ON
Brik	Garo	University of Toronto Schools	Toronto, ON
Cai	Long	Woburn C.I	Scarborough, ON
Chang	Chen	Vincent Massey S.S.	Windsor, ON
Chen	Michael	Vincent Massey S.S.	Windsor, ON
Ghasemipour	Kamyar	Earl Haig S.S.	North York, ON
Gu	Bailey	Lisgar C.I.	Ottawa, ON
Homsi	Tristan	Upper Can Col-Upper School	Toronto, ON
Hume	Tristan	Bell H.S.	Nepean, ON
Lam	Felix	Victoria Park C.I.	North York, ON
Lau	Stella	St. Francis Xavier S.S.	Mississauga, ON
Lavi	Eilon	A.B. Lucas S.S.	London, ON
Lin	Hanzhen	Markham District H.S.	Markham, ON
Liu	Hsin Yen	William Lyon Mackenzie C.I.	North York, ON

Canadian Student Honour Roll
Palmarès des élèves à l'échelle nationale

Name/Nom		School/École	Location/Endroit
Li	Yifu	Woburn C.I	Scarborough, ON
Qiu	Bryan	Richmond Hill H.S.	Richmond Hill, ON
Raza	Mehwar	William Lyon Mackenzie C.I.	North York, ON
Ren	Shaun		North York, ON
Shao	Steven	Burnaby North S.S.	Burnaby, BC
Spivak	Daniel	Upper Can Col-Upper School	Toronto, ON
Suo	Shun Da	Victoria Park C.I.	North York, ON
Tsai	Edward	Vincent Massey S.S.	Windsor, ON
Wang	Cary	Eric Hamber S.S.	Vancouver, BC
Wang	Fengyang	Sir John A. Macdonald S.S.	Waterloo, ON
Wu	Henry	University of Toronto Schools	Toronto, ON
Xiahou	Zuohan	Shenzhen M.S.	Shenzhen, –
Zheng	Ulysses	Eric Hamber S.S.	Vancouver, BC
Zinn	Charles	Waterloo C.I.	Waterloo, ON

Group 3: Scores from 50 to 59

Bateman	William	Springbank Comm. H.S.	Calgary, AB
Bisson	Christopher	Sir Winston Churchill S.S.	St Catharines, ON
Chan	Calvin	William Lyon Mackenzie C.I.	North York, ON
Cho	Won Bum	St. Theresa of Lisieux C.H.S.	Richmond Hill, ON
Gotesman	Ryan	William Lyon Mackenzie C.I.	North York, ON
Jiang	Leo	Victoria Park C.I.	North York, ON
Levy	Matthew	William Lyon Mackenzie C.I.	North York, ON
Li	Jiazhou	Dr. Norman Bethune C.I.	Scarborough, ON
Li	Richard		North York, ON
Liu	Shawn	Vincent Massey S.S.	Windsor, ON
Li	Ye Alex	Woburn C.I	Scarborough, ON
Mabey	Brandon	Glenlyon-Norfolk Sr. S.S.	Victoria, BC
Mailhot	Marc	Notre Dame College School	Welland, ON
Matelis	Mantas	Upper Can Col-Upper School	Toronto, ON
Patel	Rahul	Markville S.S.	Markham, ON
Sadikov	Igor	Marianopolis College	Westmount, QC
Sheng	Haozhe		Richmond Hill, ON
Tian	Yuanfeng	Iroquois Ridge H.S.	Oakville, ON
Tripp	Austin	Richmond Hill H.S.	Richmond Hill, ON
Wang	Brad	Upper Can Col-Upper School	Toronto, ON
Wang	Zhaoyang	A.Y. Jackson S.S.	North York, ON
Wong	Kelvin	Eric Hamber S.S.	Vancouver, BC
Wu	Samuel	Northern S.S.	Toronto, ON
Ying	Leslie	University of Toronto Schools	Toronto, ON
Zhang	Yi Xiao	Woburn C.I	Scarborough, ON

Group 4: Scores from 45 to 49

Angold	Zachary	Sir John A. Macdonald S.S.	Waterloo, ON
Baxter	Ryan	O'Neill C.V.I.	Oshawa, ON
Dong	Cheng	Don Mills C.I.	North York, ON
El Sheikh	Jihad	Leaside H.S.	East York, ON
Huang	Si Hao (simo)	Upper Can Col-Upper School	Toronto, ON
Huang	Tom	Richmond Hill H.S.	Richmond Hill, ON

Canadian Student Honour Roll**Palmarès des élèves à l'échelle nationale**

Name/Nom		School/École	Location/Endroit
Hu	Ting Han	Waterloo C.I.	Waterloo, ON
Jeong	Justin	A.B. Lucas S.S.	London, ON
Jiang	Jerry	Glenforest S.S.	Mississauga, ON
Kapinski	Justin	St. Ignatius Of Loyola H.S.	Oakville, ON
Kapustin	Nikita	Richmond Hill H.S.	Richmond Hill, ON
Kolomatski	Taras	De La Salle College Oaklands	Toronto, ON
Lai	Leo	Sir Winston Churchill S.S.	Vancouver, BC
Li	Tony		North York, ON
Luo	David	Eric Hamber S.S.	Vancouver, BC
Oleary	Ryan	Nepean H.S.	Ottawa, ON
Pereira	Joey	Centre Wellington D.H.S.	Fergus, ON
Seyed Ghasemip	Seyed Kamyar	Earl Haig S.S.	North York, ON
Su	David	Dr. Norman Bethune C.I.	Scarborough, ON
Sun	Nicholas	Kennedy Jr. High School	Lisle, IL
Xu	Joel	Markham District H.S.	Markham, ON
Yang	Michael	Dr. Norman Bethune C.I.	Scarborough, ON
Yan	Yihui	Canadian Int'l School of Beijing	Beijing, –
Zhang	Karl Songru	Victoria Park C.I.	North York, ON
Zhou	Wuhan	Vincent Massey S.S.	Windsor, ON
Zhu	David	Riverdale C.I.	Toronto, ON

Problem Averages**Moyenne par problèmes**

Problem	All Contestants	Non-Zero Scores	Problem	All Contestants	Non-Zero Scores
Junior 1	13.23	14.78	Senior 1	10.78	13.62
Junior 2	10.47	14.5	Senior 2	8.94	11.56
Junior 3	6.84	12.24	Senior 3	1.92	9.99
Junior 4	5.85	11.58	Senior 4	1.28	6.63
Junior 5	0.37	6.34	Senior 5	1.20	6.54

The averages denoted as “All Contestants” in the above table indicate all students in the division. The averages denoted as “Non-Zero” scores in the above table include only students in the division who received a non-zero score on the problem. There were 907 Senior contestants and 1080 Junior contestants.

Student Rankings**Classement des élèves**

<i>Junior Competitors</i>						<i>Senior Competitors</i>					
Score/ Note	Rank/ Position	Score/ Note	Rank/ Position	Score/ Note	Rank/ Position	Score/ Note	Rank/ Position	Score/ Note	Rank/ Position	Score/ Note	Rank/ Position
75	1	45	403	24	767	75	1	52	70	30	216
73	20	44	468	23	786	74	10	51	74	29	321
65	23	43	475	22	787	73	11	50	76	28	375
63	24	42	494	21	789	72	13	49	80	27	407
62	27	41	511	20	797	71	26	48	82	26	434
61	36	40	522	19	800	69	27	47	85	25	455
60	46	39	535	18	804	68	30	46	90	24	473
59	204	38	552	17	821	67	31	45	94	23	491
58	213	37	561	16	826	66	32	44	106	22	505
57	239	36	567	15	831	65	34	43	108	21	519
56	263	35	578	13	975	64	35	42	112	20	534
55	269	34	586	12	976	63	36	41	120	19	552
54	278	33	593	9	979	62	41	39	123	18	568
53	289	32	621			61	44	38	124	17	580
52	297	31	626			60	50	37	131	16	594
51	308	30	634			58	55	36	137	15	618
50	337	29	750			57	58	35	145	14	664
49	346	28	751			56	59	34	153	13	678
48	355	27	754			55	60	33	166	12	690
47	391	26	763			54	63	32	178	11	700

2013 Canadian Computing Competition Committee

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