

## The 2012 Canadian Open Mathematics Challenge -- BC Results

In the 2012 Canadian Open Mathematics Challenge there were 1252 participants from 72 BC schools. The questions were marked by a team including:

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MICHAEL FINNIGAN, Yale (Abbotsford)	ATHENA NGUYEN, UBC
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JACK HOY, West Kelowna	ED RICHMOND, UBC
ROBERT ISRAEL, UBC	NEVENA SAVOVIC, Gleneagle Secondary (Coquitlam)
DAN KAMIN, Kitsilano (Vancouver)	DWIGHT SIEBERT, Early Marriott (Surrey)
KALLE KARU, UBC <b>[Chief Marker Part C]</b>	BIANCA UNGUREAN, Windermere (Vancouver)
LEAH KESHET, UBC	BRIAN WETTON, UBC
SHUKA KESHET, Vancouver	THOMAS WONG, UBC
DAVID KOHLER, UBC	

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*The indicated scores are based on the BC marking. Some scores will change after national re-marking. In each table it is an honour to be a ranking school.*

Among the 23 BC schools with twenty or more participants, the ranking schools (based on results of the twenty highest scoring students) are:

<b>1</b>	<b>Sir Winston Churchill S. S.</b>	<b>924</b>		13 R.E. Mountain S.S.	729
<b>2</b>	<b>Burnaby North S.S.</b>	<b>901</b>		14 Southpointe Academy	725
<b>3</b>	<b>Pinetree S.S.</b>	<b>863</b>		15 R.C. Palmer S.S.	718
<b>4</b>	<b>Lord Byng S.S.</b>	<b>856</b>		16 Magee S.S.	715
<b>5</b>	<b>Semiahmoo Secondary School</b>	<b>841</b>		17 Bodwell H.S.	693

<b>6</b>	<b>New Westminster S.S.</b>	<b>832</b>	18	Burnaby South Secondary	686
<b>7</b>	<b>Fraser Heights S.S.</b>	<b>814</b>	19	South Delta S.S.	684
<b>8</b>	<b>Point Grey Secondary School</b>	<b>786</b>	20	Saint Michaels University School	657
<b>9</b>	<b>University Hill Secondary School</b>	<b>778</b>	21	Pacific Academy	651
<b>10</b>	<b>University Transition Program</b>	<b>774</b>	22	Southridge School	648
11	Kitsilano Secondary	764	23	Gleneagle S.S.	618
12	Claremont S.S.	743			

Among the 40 BC schools with ten or more participants, the ranking schools (based on results of the ten highest scoring students) are:

<b>1</b>	<b>Burnaby North S.S.</b>	<b>527</b>	20	Rockridge Secondary School	408
<b>2</b>	<b>Sir Winston Churchill S. S.</b>	<b>506</b>	21	Magee S.S.	407
<b>3</b>	<b>Lord Byng S.S.</b>	<b>480</b>	22	Southridge School	404
<b>4</b>	<b>St. George's School</b>	<b>476</b>	23	Saint Michaels University School	401
<b>5</b>	<b>Pinetree S.S.</b>	<b>470</b>	24	Pacific Academy	397
<b>6</b>	<b>Fraser Heights S.S.</b>	<b>465</b>	25	Burnaby Mountain Secondary	396
<b>7</b>	<b>Moscrop Secondary School</b>	<b>463</b>	26	South Delta S.S.	395
	<b>University Hill Secondary School</b>	<b>463</b>	27	Steveston London Secondary School	393
<b>8</b>	<b>Semiahmo Secondary School</b>	<b>462</b>	28	Bodwell H.S.	389
<b>9</b>	<b>Kitsilano Secondary</b>	<b>461</b>	29	Sentinel S.S.	388
<b>10</b>	<b>New Westminster S.S.</b>	<b>451</b>	30	Gleneagle S.S.	354
11	University Transition Program	448	31	Pattison High School	352
12	Southpointe Academy	439	32	Eric Hamber S.S.	348
13	Seaquam S.S.	436	33	Windermere Secondary	342
14	Point Grey Secondary School	432	34	Earl Marriott Secondary	332
15	Richmond S.S.	424	35	West Point Grey Academy	319
16	Burnaby South Secondary	421	36	Handsworth S.S.	304
17	R.E. Mountain S.S.	417	37	Vancouver College H.S.	300
18	Claremont S.S.	413	38	Queen Elizabeth Secondary	271
19	R.C. Palmer S.S.	409	39	St. Margaret's School	268

Among the 58 BC schools with five or more participants, the ranking schools (based on results of the five highest scoring students) are:

<b>1</b>	<b>Burnaby North S.S.</b>	<b>286</b>		Sentinel S.S.	213
<b>2</b>	<b>Sir Winston Churchill S. S.</b>	<b>275</b>	26	South Delta S.S.	212
<b>3</b>	<b>St. George's School</b>	<b>263</b>		Yale Secondary School	212

4	<b>Lord Byng S.S.</b>	<b>260</b>	27	Bodwell H.S.	211
5	<b>Kitsilano Secondary</b>	<b>255</b>		Claremont S.S.	211
6	<b>University Hill Secondary School</b>	<b>253</b>		Pacific Academy	211
7	<b>Pinetree S.S.</b>	<b>250</b>	28	Fleetwood Park Secondary	207
8	<b>Moscrop Secondary School</b>	<b>249</b>	29	Lester B. Pearson College	201
9	<b>Fraser Heights S.S.</b>	<b>247</b>		Pattison High School	201
	<b>Semiahmoo Secondary School</b>	<b>247</b>	30	Eric Hamber S.S.	198
10	<b>Southpointe Academy</b>	<b>246</b>		Windermere Secondary	198
	<b>University Transition Program</b>	<b>246</b>	31	Burnaby Central S.S.	197
11	Rockridge Secondary School	244	32	West Point Grey Academy	193
12	Richmond S.S.	243	33	Gleneagle S.S.	192
13	Burnaby South Secondary	239		Mulgrave School	192
14	West Vancouver Secondary School	238		Prince of Wales S.S.	192
15	New Westminster S.S.	236	34	Earl Marriott Secondary	185
	Seaquam S.S.	236	35	Elgin Park Secondary School	184
16	Saint Michaels University School	234	36	Argyle S.S.	178
17	Magee S.S.	232		Handsworth S.S.	178
18	R.C. Palmer S.S.	228	37	Meadowridge School	172
	R.E. Mountain S.S.	228	38	Vancouver College H.S.	166
19	Point Grey Secondary School	226	39	North Surrey S.S.	161
20	Burnaby Mountain Secondary	224	40	St. Margaret's School	154
21	Riverside S.S.	223	41	Queen Elizabeth Secondary	148
22	Steveston London Secondary School	222	42	Johnston Heights Jr. S.S.	145
23	Hugh McRoberts Secondary	221	43	Gulf Islands Secondary School	140
24	Southridge School	217	44	Hugh Boyd S.S.	98
25	Sager Education Inc	213	45	Elphinstone Secondary School	29

Among the 63 schools from Metro Vancouver and Metro Victoria with three or more participants, the ranking schools (based on the results of the three highest scoring students) are:

1	<b>Burnaby North S.S.</b>	<b>178</b>	25	Pacific Academy	133
2	<b>Sir Winston Churchill S. S.</b>	<b>177</b>		Southridge School	133
3	<b>Rockridge Secondary School</b>	<b>169</b>	26	Pattison High School	132
4	<b>St. George's School</b>	<b>168</b>	27	Bodwell H.S.	131
5	<b>Lord Byng S.S.</b>	<b>167</b>	28	South Delta S.S.	130
6	<b>West Vancouver Secondary School</b>	<b>162</b>	29	Burnaby Central S.S.	129
7	<b>Kitsilano Secondary</b>	<b>160</b>		Claremont S.S.	129

<b>8 Southpointe Academy</b>	<b>159</b>	Windermere Secondary	129
<b>9 University Hill Secondary School</b>	<b>158</b>	30 Meadowridge School	127
<b>10 Hugh McRoberts Secondary</b>	<b>157</b>	31 Eric Hamber S.S.	126
11 Pinetree S.S.	155	32 West Point Grey Academy	125
12 Fraser Heights S.S.	154	33 Prince of Wales S.S.	123
Moscrop Secondary School	154	34 Mulgrave School	121
University Transition Program	154	35 Crofton House School	120
13 Saint Michaels University School	153	Gleneagle S.S.	120
Semiahmoo Secondary School	153	36 Argyle S.S.	118
14 Burnaby South Secondary	152	37 Handsworth S.S.	116
15 Magee S.S.	150	38 North Surrey S.S.	114
R.C. Palmer S.S.	150	39 Earl Marriott Secondary	113
16 Richmond S.S.	149	40 Holy Cross Reg. H.S.	106
17 New Westminster S.S.	146	41 Vancouver College H.S.	105
Riverside S.S.	146	42 St. Margaret's School	97
18 Seaquam S.S.	144	43 Johnston Heights Jr. S.S.	96
Steveston London Secondary School	144	44 D W Poppy Secondary	95
19 R.E. Mountain S.S.	142	Richmond Christian S.S.	95
20 Burnaby Mountain Secondary	140	45 Queen Elizabeth Secondary	91
Sager Education Inc	140	46 St. George's Junior School	79
21 Point Grey Secondary School	139	47 Boston Education	76
22 Lester B. Pearson College	138	48 Hugh Boyd S.S.	64
23 Elgin Park Secondary School	137	49 Frost Road Elementary School	50
24 Fleetwood Park Secondary	134	50 Lord Roberts Elementary School	1
Sentinel S.S.	134		

Among the 5 schools from the rest of BC with three or more participants, the ranking schools (based on the results of the three highest scoring students) are:

<b>1 Yale Secondary School</b>	<b>140</b>
<b>2 Gulf Islands Secondary School</b>	<b>98</b>
<b>3 College Heights Secondary School</b>	<b>93</b>

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The following students ranked in the top 10% in BC:

**GROUP I**

Lai	Leo	Sir Winston Churchill S. S.
Zhang	Steven	West Vancouver Secondary School

Choi	Young Suk	St. George's School	Grade 11
Wu	Suizhi	Lester B. Pearson College	
Qi	Qi	Burnaby North S.S.	Grade 8
Wu	Chendi	Rockridge Secondary School	Grade 11
Yan	Hao	Rockridge Secondary School	
Kang	Andrew	Saint Michaels University School	Grade 11
Huang	John	Steveston London Secondary School	
Zhu	Frank	University Hill Secondary School	Grade 11
Li	Gordon	Lord Byng S.S.	

**GROUP II**

**SCORES 59-55**

Lim	Ursula Anne	Burnaby North S.S.	
Tang	Mu	Lord Byng S.S.	
Tsai	Ping-Chi	Riverside S.S.	
Wang	Zi Cheng	Burnaby North S.S.	
Deng	Dennis	Hugh McRoberts Secondary	
Yin	Xiaosong	Magee S.S.	
Hsu	Yu-Chuan Peter	Pinetree S.S.	
Zhang	Gavin	Sir Winston Churchill S. S.	Grade 11
Huang	Xiaoran	Southpointe Academy	Grade 11
Li	Shu Hao	University Transition Program	Grade 9
Zhu	Jameson	Windermere Secondary	Grade 11
Pei	Yan Ru	Fleetwood Park Secondary	Grade 11
Fan	Ziying Kathy	Moscrop Secondary School	Grade 10
Huang	Wilson	R.C. Palmer S.S.	
Chu	Timmy	R.C. Palmer S.S.	
Geng	Qinyi (Grace)	West Vancouver Secondary School	

**GROUP III**

**SCORES 54-51**

Wang	Victor	Burnaby South Secondary	Grade 7
Yang	Young	Fraser Heights S.S.	
Xu	Freddy	Hugh Boyd S.S.	Grade 10
Chen	Peggy	Kitsilano Secondary	
Kang	Ju Hee	Kitsilano Secondary	
Spira	Adrian	Meadowridge School	

Tian	Ci	Southpointe Academy	Grade 11
Gao	Daniel	Burnaby North S.S.	Grade 10
Dai	Vivian	Richmond S.S.	Grade 11
Huang	Robert	Semiahmoo Secondary School	
Ziyan	Li	St. George's School	Grade 11
Hur	David	West Vancouver Secondary School	Grade 10
Kang	Hanson	West Vancouver Secondary School	Grade 10
Lim	Jeanne	Burnaby North S.S.	Grade 9
Prakash	Nikhil	Burnaby North S.S.	
Zheng	Even	Burnaby South Secondary	
Lee	Fred	Elgin Park Secondary School	
Xu	Liang	Hugh McRoberts Secondary	Grade 11
Yin	David	New Westminster S.S.	Grade 10
Lee	Albert	Burnaby Mountain Secondary	
Cui	Bob	Fraser Heights S.S.	Grade 9
Chen	Zhuowei	R.E. Mountain S.S.	Grade 11
Wang	Iris	Semiahmoo Secondary School	Grade 11
Tsai	Casper	University Transition Program	
Chen	Youle	West Vancouver Secondary School	

**GROUP IV**

**SCORES 50-49**

Xiao	Scott	Burnaby North S.S.	Grade 10
Gao	Handi	Kitsilano Secondary	Grade 11
Zhang	Yiyi	Moscrop Secondary School	Grade 10
Deng	Steven	Pinetree S.S.	Grade 11
Wang	Dennis	St. George's School	Grade 10
Yoon	Soon	Yale Secondary School	Grade 11
Jeong	Jiwon	Argyle S.S.	
Wang	Massie	Fraser Heights S.S.	Grade 11
Tan	Ruoxi	Hugh McRoberts Secondary	
Belleville	Louis	Lord Byng S.S.	
Miao	Simon	Moscrop Secondary School	Grade 11
Lu	Liupei	Pinetree S.S.	Grade 11
Wang	Lexuan	Seaquam S.S.	
Zheng	Keming	Semiahmoo Secondary School	Grade 11

Fitch	Emily	Sir Winston Churchill S. S.	
Liu	Hong-Yue Sean	Sir Winston Churchill S. S.	
Wong	Siuhei	Sir Winston Churchill S. S.	Grade 11
Ye	Huizi	Southpointe Academy	
An	Andy	University Hill Secondary School	Grade 11

**GROUP V**

**SCORES 48-47**

Cheng	Frank	Burnaby North S.S.	Grade 10
Shim	Sung Hwan	Kitsilano Secondary	Grade 10
Chang	Matthew	Moscrop Secondary School	Grade 11
Zheng	Yuyan	Pattison High School	
Ha	Nayoung	Pinetree S.S.	
Huo	Jiaorong	Point Grey Secondary School	
Cao	Yuejun	Richmond S.S.	Grade 10
Lu	Jason	Richmond S.S.	Grade 11
Xzong	Simon	Sager Education Inc	Grade 10
Yan	Jitong	Sager Education Inc	Grade 10
Yang	John	Seaquam S.S.	
Zhu	Yurong	Sentinel S.S.	
Choi	Hye Ji (Sally)	Sir Winston Churchill S. S.	
Wu	Gavin	Sir Winston Churchill S. S.	
Lee	Ian	St. George's School	Grade 11
Sun	Yuzhe (Alex)	University Hill Secondary School	Grade 11
Wang	Martin	University Hill Secondary School	Grade 11
Kim	Ji Sup	Yale Secondary School	
Tian	Jacky	Fraser Heights S.S.	Grade 10
Roh	Doohyeun	Kitsilano Secondary	Grade 11
Li	Ze Yu	Lord Byng S.S.	Grade 11
Gu	An	Magee S.S.	
Li	Angela	Magee S.S.	
Chen	Maria	Moscrop Secondary School	
He	Bill	New Westminster S.S.	Grade 11
Zheng	David	New Westminster S.S.	Grade 11
Oh	Seyeon	Pacific Academy	Grade 11
Lee	Louis	Pinetree S.S.	Grade 11

Park	Yoonsik	Pinetree S.S.	
Wang	Mike	Pinetree S.S.	Grade 11
Ding	Yoyo	Prince of Wales S.S.	Grade 9
Zheng	Boyuan	R.E. Mountain S.S.	
Shen	Kathy	Richmond S.S.	Grade 11
Shin	Andy	Richmond S.S.	Grade 11
Lu	Yishen	Rockridge Secondary School	
Feng	Ziyi	Saint Michaels University School	Grade 9
Tang	Haoji	Seaquam S.S.	Grade 11
Sohn	Young Ihn	Semiahmoo Secondary School	Grade 10
Wong	Kelvin	Semiahmoo Secondary School	
Qi	Jinsu	St. George's School	Grade 11
Xiong	Simon	University Hill Secondary School	Grade 10
Chi	Hannah	University Transition Program	

**GROUP VI**

**SCORES 46-45**

Ting	Ta Juin	Burnaby Central S.S.	Grade 11
Xi	Haizhou	Burnaby North S.S.	Grade 10
Shen	Jacqueline	Burnaby South Secondary	Grade 11
Zhang	Yi Wen	Crofton House School	
Gao	Bill	Elgin Park Secondary School	
Shi	Dylan	Eric Hamber S.S.	Grade 10
Huang	Cindy	Fraser Heights S.S.	Grade 10
Ruan	Keyi	Kitsilano Secondary	Grade 11
Dong	You	Lord Byng S.S.	
Li	Yiqiao	Lord Byng S.S.	
Yue	Mike	Moscrop Secondary School	Grade 10
Cai	Sharon (Yun)	New Westminster S.S.	
Wang	Shenxuan	Pattison High School	Grade 11
Kim	Seungkyeum	Point Grey Secondary School	
Lee	Ken	Seaquam S.S.	
Yu	Bill	Seaquam S.S.	
Ochiai	Risa	Sentinel S.S.	Grade 11
Jiang	Yueyi	Southridge School	
Li	Tony	St. George's School	Grade 11



Shin	Chae Young	University Transition Program	Grade 8
Zhang	Kevin	University Transition Program	
Kam	Sharon	West Point Grey Academy	
Wu	Jingyu	Bodwell H.S.	
Tan	Yilun	Burnaby Central S.S.	Grade 10
Chen	Abel	Burnaby Mountain Secondary	Grade 11
Shao	Steven	Burnaby North S.S.	Grade 11
Zhu	Xiaoyu	Burnaby North S.S.	Grade 10
Lin	Mindy	Burnaby South Secondary	Grade 10
Xu	Sandy	Fraser Heights S.S.	
Tyndall	Owen	Gleneagle S.S.	
Kim	Elizabeth	Holy Cross Reg. H.S.	
Chen	Jiawei	Lord Byng S.S.	
Jin	Wei	Lord Byng S.S.	Grade 11
Tam	Brian	Magee S.S.	
Chen	QinYu (Emily)	Point Grey Secondary School	Grade 10
Choi	Clement	Riverside S.S.	
Totz	Keiler	Saint Michaels University School	
Chang	Allan	Semiahmoo Secondary School	Grade 11
Cheng	Jerry	Sir Winston Churchill S. S.	
Ju	Celinna	Sir Winston Churchill S. S.	Grade 10
Yang	Zhibo (Dannia)	Sir Winston Churchill S. S.	
Zhao	Ziwzi	Southpointe Academy	Grade 11
Wang	Yi Tao	St. George's School	Grade 11

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**LIST OF PARTICIPATING BC SCHOOLS IN THE 2012 COMC**  
with number of entrants from each school

Argyle S.S. (North Vancouver)	7	North Surrey S.S. (Surrey)	5
Bodwell H.S. (North Vancouver)	56	Pacific Academy (Surrey)	21
Boston Education (Burnaby)	3	Parkland Secondary School (Sidney)	1
Burnaby Central S.S. (Burnaby)	9	Pattison High School (Vancouver)	13
Burnaby Mountain Secondary (Burnaby)	14	Pinetree S.S. (Coquitlam)	107
Burnaby North S.S. (Burnaby)	25	Point Grey Secondary School (Vancouver)	48
Burnaby South Secondary (Burnaby)	22	Prince of Wales S.S. (Vancouver)	9
Claremont S.S. (Victoria)	31	Queen Elizabeth Secondary (Surrey)	15
College Heights Secondary School (Prince George)	4	R.C. Palmer S.S. (Richmond)	28
Crofton House School (Vancouver)	4	R.E. Mountain S.S. (Langley)	27
D W Poppy Secondary (Langley)	3	Richmond Christian S.S. (Richmond)	4
Earl Marriott Secondary (Surrey)	12	Richmond S.S. (Richmond)	13
Elgin Park Secondary School (Surrey)	5	Riverside S.S. (Port Coquitlam)	8
Elphinstone Secondary School (Gibsons)	6	Rockridge Secondary School (West Vancouver)	12
Eric Hamber S.S. (Vancouver)	14	Sager Education Inc (Vancouver)	9
Fleetwood Park Secondary (Surrey)	8	Saint Michaels University School (Victoria)	23
Fraser Heights S.S. (Surrey)	43	Seaquam S.S. (Delta)	14
Frost Road Elementary School (Surrey)	3	Semiahmoo Secondary School (Surrey)	32
Gleneagle S.S. (Coquitlam)	23	Sentinel S.S. (West Vancouver)	14
Gulf Islands Secondary School (Salt Spring Island)	5	Sir Winston Churchill S. S. (Vancouver)	76
Handsworth S.S. (North Vancouver)	10	Smithers Secondary (Smithers)	3
Holy Cross Reg. H.S. (Surrey)	4	South Delta S.S. (Delta)	27
Hugh Boyd S.S. (Richmond)	6	Southpointe Academy (Delta)	32
Hugh McRoberts Secondary (Richmond)	8	Southridge School (Surrey)	23
Johnston Heights Jr. S.S. (Surrey)	8	St. Andrew's Regional High School (Victoria)	1
Kitsilano Secondary (Vancouver)	23	St. George's Junior School (Vancouver)	4
Lambrick Park (Victoria)	2	St. George's School (Vancouver)	13
Lester B. Pearson College (Victoria)	7	St. Margaret's School (Victoria)	13
Lord Byng S.S. (Vancouver)	72	Steveston London Secondary School (Richmond)	14
Lord Roberts Elementary School (Vancouver)	3	University Hill Secondary School (Vancouver)	20
Magee S.S. (Vancouver)	28	University Transition Program (Vancouver)	22
Main Street Education Centre (Vancouver)	2	Vancouver College H.S. (Vancouver)	10
Meadowridge School (Maple Ridge)	7	West Point Grey Academy (Vancouver)	10
Moscrop Secondary School (Burnaby)	13	West Vancouver Secondary School (West Vancouver)	8
Mulgrave School (West Vancouver)	8	Windermere Secondary (Vancouver)	12
New Westminster S.S. (New Westminster)	57	Yale Secondary School (Abbotsford)	6