

The CENTRE for EDUCATION in MATHEMATICS and COMPUTING

Le CENTRE d'ÉDUCATION en MATHÉMATIQUES et en INFORMATIQUE

www.cemc.uwaterloo.ca

2012 2012

Results Résultats

 $egin{array}{ll} Pascal \ Contest \ (Grade \ 9) \end{array} & egin{array}{ll} Concours \ Pascal \ (9^e \ ann\'ee \ - \ Sec. \ III) \end{array}$

Fermat Contest Concours Fermat

> (11^e année – Sec. V) (Grade 11)











STRONGER COMMUNITIES TOGETHER™





Centre for Education in Mathematics and Computing Faculty and Staff / Personnel du Concours canadien de mathématiques

Ed Anderson

Terry Bae

Steve Brown

Ersal Cahit

Karen Cole

Serge D'Alessio

Frank DeMaio

Jennifer Doucet

Fiona Dunbar

Mike Eden

Barry Ferguson

Barb Forrest

Judy Fox

Steve Furino

John Galbraith

Sandy Graham

Angie Hildebrand

Judith Koeller

Joanne Kursikowski

Bev Marshman

Dean Murray

Jen Nissen

J.P. Pretti

David Pritchard

Linda Schmidt

Kim Schnarr

Jim Schurter

Carolyn Sedore

Ian VanderBurgh

Troy Vasiga

Problems Committees / Comités des problèmes

Pascal Contest / Concours Pascal

Wally Webster (Chair / président), Dashwood, ON Lloyd Auckland, St. Thomas, ON Janet Christ, Walter Murray C.I., Saskatoon, SK J.P. Pretti, University of Waterloo, Waterloo, ON Jim Schurter, University of Waterloo, Waterloo, ON Tyler Somer, Kitchener, ON Anna Spanik, Halifax Regional School Board, Halifax, NS Aaron Warner, St. Mildred's-Lightbourn School, Oakville, ON

Cayley Contest / Concours Cayley

Jen Nissen (Chair / présidente), University of Waterloo, Waterloo, ON Jeff Anderson, Kitchener, ON Tom Barker, Stratford, ON Barry Ferguson, University of Waterloo, Waterloo, ON Steve Furino, University of Waterloo, Waterloo, ON Christopher Ing, Vincent Massey S.S., Windsor, ON Michelle Vidberg, Galt C.I., Cambridge, ON

Fermat Contest / Concours Fermat

Paul Fennell (Chair / président), London, ON Sandra DellaMaestra, University of Toronto Schools, Toronto, ON Steve Lau, John Diefenbaker S.S., Hanover, ON Cliff Lelievre, Oakville, ON Carol Miron, Albert Campbell C.I., Toronto, ON Dan Schnabel, Thornhill, ON David Shepherd, Ravenna, ON Foreword Avant-Propos

The Centre for Education in Mathematics and Computing is proud to once again be the major sponsor of the Canadian Mathematics Competition this year. The year 2012 marks the 50th year of Contests produced by the Canadian Mathematics Competition.

Our congratulations go to all who participated in this year's Pascal, Cayley and Fermat Contests. This year's Contests were resounding successes, with averages of 95.5, 87.8 and 87.8 across the three Contests. The number of official contestants with perfect papers on the three Contests were 18, 29 and 4.

As always, we would like to thank the hard-working Problems Committees. Most of the members of these Committees are active secondary school teachers from across Canada who volunteers their time and contribute dozens of hours of expertise. Without their intriguing and sometimes amusing problems, these Contests would not be possible.

We would also like to thank all participants, both teachers and students. We hope that the papers provided you with some interesting mathematics to think about and play with. Thank you for your support! Please continue to encourage your colleagues and fellow students to become involved in our activities.

Le Centre d'éducation en mathématiques et en informatique à encore une fois le plaisir d'être un majeur supporter du Concours canadien de mathématiques. L'année 2012 marque la 50e année de concours produit par le Concours canadien de mathématiques.

Nos félicitations vont à tous les participants du Concours Pascal, Cayley et Fermat de cette année. Les Concours de cette année retentissaient de succès, avec des moyennes de 95,5, 87,8 et 87,8 à travers les trois Concours. Le nombre de candidats officiels possédant un concours parfait était de 18, 29 et 4.

Nous aimerions surtout remercier les Comités de problèmes pour leur dur travail. La plupart des membres de ces Comités sont des enseignant(e)s d'école secondaire actifs d'un bout à l'autre du Canada qui offre leur temps et contribuent des douzaines d'heures d'expertise. Sans leurs problèmes perspicaces et amusants, ces Concours ne seraient pas possibles.

Nous aimerions remercier aussi tous les participants incluant les enseignants et les étudiants. Nous espérons que les concours vous ont offert des mathématiques intéressantes qui vous ont amusées et portées à réfléchir. Merci pour votre soutien continué!

Number of schools registered by province / Nombre d'écoles inscrit par province

	Pascal	Cayley	Fermat
NL	49	44	45
NS	38	27	31
NB	31	31	29
PE	6	5	5
QC	92	89	91
ON	678	660	649
MB	46	43	41
SK	24	25	25
AB	83	38	40
BC	180	170	172
NT	1	0	0
YT	1	1	1
International	104	117	104
Total	1333	1250	1233

Number of students registered by province / Nombre d'étudiants inscrit par province

	Pascal	Cayley	Fermat
NL	1012	642	556
NS	1216	603	575
NB	636	514	427
PE	128	64	95
QC	2480	2186	2111
ON	12902	11523	9610
MB	1119	909	614
SK	552	388	331
AB	2370	1017	831
BC	4666	3906	3359
International	2937	3130	2358
Total	30041	24886	20871

Total number of students enrolled / Nombre d'inscriptions individuelles: 75798

2012 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2012

PASCAL CONTEST / CONCOURS PASCAL

STUDENTS /ÉLÈVES

Students are listed in alphabetical order / Les élèves sont nommés en ordre alphabetique

Gold Medals	old Medals School		Grade
Médailles d'or	École	Endroit	Niveau
DAVID COHN	The Country Day School	King City	9
RICHARD DU	Marc Garneau C.I.	North York	9
TOM FENG	The Woodlands School	Mississauga	9
VERNON FONG	R.C. Palmer S.S.	Richmond	9
JENNIFER GUO		North York	8
EMRE ISLAM	Campbell C.I.	Regina	9
ANDREW JIANG	Applewood Heights S.S.	Mississauga	9
JI HOON KIM	Dover Bay S.S.	Nanaimo	9
SOOBIN KIM	Port Moody Sr. S.S.	Port Moody	9
DAVID LI	Crestwood School	Edmonton	9
MOLLY LI	Don Mills C.I.	North York	9
ANDREW LIN	St. George's School	Vancouver	8
LILY LIU	Markville S.S.	Markham	9
DIMA PARAMONOV	Marc Garneau C.I.	North York	9
BEN WEI		North York	8
FERRAN XU	Walter Murray C.I.	Saskatoon	9
DAVID ZHAO	Woburn C.I	Scarborough	9
MICHAEL ZOU	Bayview S.S.	Richmond Hill	9

TEAMS / ÉQUIPES

	School	Location	Score
	École	Endroit	Note
Champion / Première	Marc Garneau C.I.	North York	442
Second / Deuxième	Bayview S.S.	Richmond Hill	438
	Crestwood School	Edmonton	438
	The Woodlands School	Mississauga	438
Fifth / Cinquième	St. George's School	Vancouver	436
	Walter Murray C.I.	Saskatoon	436

2012 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2012

CAYLEY CONTEST / CONCOURS CAYLEY

STUDENTS /ÉLÈVES

 $Students\ are\ listed\ in\ alphabetical\ order\ /\ Les\ \'el\`eves\ sont\ nomm\'es\ en\ ordre\ alphabetique$

Gold Medals	School	Location	Grade
Médailles d'or	École	Endroit	Niveau
DAVID CHO	Nicholson Catholic College	Belleville	10
MICHAEL CHOW	Albert Campbell C.I.	Scarborough	10
JIAQI DONG	Don Mills C.I.	North York	10
GLORIA FANG	University of Toronto Schools	Toronto	9
HAOWEI GAO	Bayview S.S.	Richmond Hill	10
KAZUKI HARA	Pacific Christian School	Victoria	10
MARS HE	Richmond Hill H.S.	Richmond Hill	10
XINRUI JIA	Vincent Massey S.S.	Windsor	10
JIAHUI JIANG	Bayview S.S.	Richmond Hill	10
BILLY JIN	Waterloo C.I.	Waterloo	10
ANDREW KANG	St. Michael's University School	Victoria	10
ANDREW KIM	University of Toronto Schools	Toronto	9
JOOHYUNG KO	A.Y. Jackson S.S.	North York	10
TAEK HEE KWUN	Halifax West H.S.	Halifax	10
CATHERINE LEE	Appleby College	Oakville	10
TOM LEE	Mount Douglas S.S.	Victoria	10
BRIAN LI	Brother Andre C.H.S.	Markham	10
SHUHAO LI	University Transition Program	Vancouver	8
DANNY PARK	St. Michael's University School	Victoria	10
SANG WOO PARK	King's Christian Collegiate	Oakville	10
YEOUNSU PARK	Port Moody Sr. S.S.	Port Moody	10
QI QI	Burnaby North S.S.	Burnaby	8
DESMOND SISSON	Western Canada H.S.	Calgary	10
FEI WU	Upper Can College	Toronto	10
GLORIA WU	University of Toronto Schools	Toronto	9
ROBBIN XU	Lisgar C.I.	Ottawa	10
ANNA YE	Burnaby South S.S.	Burnaby	10
RYAN ZHU	Western Canada H.S.	Calgary	10
CHARLES ZINN	Waterloo C.I.	Waterloo	10

TEAMS / ÉQUIPES

	School	Location	Score
	École	Endroit	Note
Champion / Première	University of Toronto Schools	Toronto	450
Second / Deuxième	Bayview S.S.	Richmond Hill	444
	St. Michael's University School	Victoria	444
	Waterloo C.I.	Waterloo	444
Fifth / Cinquième	Western Canada H.S.	Calgary	442

2012 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2012

FERMAT CONTEST / CONCOURS FERMAT

STUDENTS /ÉLÈVES

Students are listed in alphabetical order / Les élèves sont nommés en ordre alphabetique

Gold Medals	School	Location	Grade
Médailles d'or	École	Endroit	Niveau
QINYI GENG	West Vancouver S.S.	West Vancouver	11
DONG WON KANG	North Toronto C.I.	Toronto	11
LEO LAI	Sir Winston Churchill S.S.	Vancouver	11
URSULA ANNE LIM	Burnaby North S.S.	Burnaby	11
DANIEL SPIVAK	Bayview S.S.	Richmond Hill	11

TEAMS / ÉQUIPES

	School	Location	Score
	École	Endroit	Note
Champion / Première	Sentinel S.S.	West Vancouver	424
Second / Deuxième	North Toronto C.I.	420	
Third / Troisième	University of Toronto Schools	Toronto	418
	Vincent Massey S.S.	Windsor	418
Fifth / Cinquième	Bayview S.S.	Richmond Hill	416
	Burnaby North S.S.	Burnaby	416
	Earl Haig S.S.	North York	416

Champions-2012

2012 FERMAT CONTEST REGIONAL CHAMPIONS CHAMPIONS RÉGIONAUX AU CONCOURS FERMAT 2012

Each student below will receive a \$200 prize / Chaque étudiant ci-dessous recevrait un prix de 200 \$

Province	Student	School	Location
Province	Étudiant	École	Endroit
NL	JEREMY MANUEL	Pasadena Academy	Pasadena
NS	SAM ABERNETY	Citadel H.S.	Halifax
NB	SUBIN KIM	Kennebecasis Valley H.S.	Rothesay
NB	YUANDI ZHANG	Fredericton H.S.	Fredericton
PE	EDDIE JIANG	Colonel Gray Sr. H.S	Charlottetown
QC	ANDREI ZLOTCHEVSKI	College Jean de Brebeuf	Montreal
ON Central	DANIEL SPIVAK	Bayview S.S.	Richmond Hill
ON East	KEVIN REN	Pickering H.S.	Ajax
ON East	YUAN YAO	Colonel By S.S.	Gloucester
ON Metro	DONG WON KANG	North Toronto C.I.	Toronto
ON North	XUAN HAN	Lo-Ellen Park S.S.	Sudbury
ON West	KAI SUN		London
MB	SHUYI WU	Fort Richmond C.I.	Winnipeg
SK	QI ROGER ZHANG	Campbell C.I.	Regina
AB	YINNING XU	Henry Wise Wood Sr. H.S	Calgary
AB	YIFEI WU	Western Canada H.S.	Calgary
AB	VINSON ZHANG	Sir Winston Churchill H.S.	Calgary
AB	LINDA ZHAO	Sir Winston Churchill H.S.	Calgary
BC	URSULA ANNE LIM	Burnaby North S.S.	Burnaby
BC	QINYI GENG	West Vancouver S.S.	West Vancouver
YT	DAVID LISTER	F.H. Collins	Whitehorse

Correct Answers Bonnes Rponses

#	Pascal	Cayley	Fermat
1	D	В	В
2	E	В	С
3	В	A	${ m E}$
4	В	D	A
5	A	E	D
6	E	С	В
7	D	E	С
8	A	A	В
9	C	В	В
10	В	С	D
11	C	A	${ m E}$
12	В	D	A
13	\mathbf{E}	${ m E}$	В
14	$^{\rm C}$	В	\mathbf{C}
15	$^{\circ}$ C	D	D
16	В	В	${ m E}$
17	A	A	A
18	A	С	A
19	В	D	A
20	E	E	В
21	A	В	\mathbf{C}
22	C	С	A
23	В	С	A
24	D	E	В
25	D	D	A

Pascal Contest Concours Pascal

Number of Contestants / Nombre de concurrents: 22486

Average mark / Note moyenne: 95.53

Percentage of contestants selecting each option / Pourcentage de concurrents par choix:

	Correct						% not	% correct
	Answer/						attempted/	of attempted
	Bonne						% sans	% tentatives
	Réponse						réponse	réussies
#		A	В	С	D	E		
1	D	0.20	0.32	0.36	97.87	1.16	0.08	97.95
2	E	0.49	0.58	0.56	1.38	96.80	0.19	96.98
3	В	0.72	97.27	0.66	0.44	0.49	0.41	97.67
4	В	0.48	89.56	0.81	0.97	7.99	0.19	89.73
5	A	90.21	1.76	1.02	5.07	0.51	1.42	91.51
6	\mathbf{E}	4.39	0.97	0.72	2.96	89.84	1.13	90.86
7	D	0.67	0.98	9.90	87.84	0.48	0.13	87.95
8	A	88.09	7.62	1.77	0.62	1.19	0.71	88.71
9	С	4.79	2.33	76.63	3.83	6.49	5.92	81.45
10	В	25.65	57.27	8.08	3.57	1.57	3.86	59.57
11	С	0.61	0.60	95.76	0.68	1.09	1.25	96.97
12	В	2.68	83.84	2.98	4.54	3.34	2.62	86.10
13	E	11.06	2.13	5.94	14.01	55.46	11.39	62.59
14	С	11.81	20.82	47.71	7.62	4.54	7.50	51.58
15	С	6.04	4.63	72.10	5.76	2.26	9.22	79.42
16	В	3.98	77.11	5.48	7.90	3.21	2.33	78.95
17	A	63.62	11.59	9.24	2.17	1.86	11.51	71.89
18	A	36.06	5.07	19.85	6.98	7.24	24.80	47.95
19	В	5.99	41.80	20.12	5.07	1.45	25.57	56.16
20	\mathbf{E}	5.47	8.25	7.90	5.80	20.61	51.97	42.91
21	A	49.39	4.72	18.91	4.10	8.76	14.12	57.51
22	С	6.40	9.20	24.08	17.01	6.30	37.02	38.23
23	В	15.35	30.01	6.03	5.26	5.75	37.60	48.09
24	D	14.92	8.68	8.13	7.38	12.43	48.47	14.33
25	D	10.60	9.37	15.45	5.72	7.24	51.62	11.82

Cayley Contest Concours Cayley

Number of Contestants / Nombre de concurrents: 17298

Average mark / Note moyenne: 87.84

Percentage of contestants selecting each option / Pourcentage de concurrents par choix:

	Correct						% not	% correct
	Answer/						attempted/	of attempted
	Bonne						% sans	% tentatives
	Réponse						réponse	réussies
#		A	В	С	D	E		
1	В	2.21	95.47	0.42	0.11	1.66	0.13	95.59
2	В	0.89	87.90	4.48	3.41	1.97	1.35	89.11
3	A	87.66	1.72	6.34	2.01	1.59	0.68	88.26
4	D	0.47	2.90	7.46	87.90	1.08	0.19	88.07
5	${ m E}$	2.87	2.97	2.74	0.79	89.05	1.58	90.48
6	С	1.69	3.14	88.67	1.88	1.58	3.03	91.44
7	${ m E}$	1.02	1.20	2.21	1.72	92.39	1.46	93.76
8	A	89.88	2.71	0.93	1.14	1.22	4.12	93.75
9	В	39.97	39.95	11.58	3.05	2.58	2.86	41.13
10	С	8.11	23.72	44.46	14.13	5.34	4.24	46.42
11	A	79.97	0.80	1.47	15.13	2.36	0.26	80.18
12	D	2.11	5.71	6.26	62.87	3.29	19.77	78.36
13	E	3.49	10.61	16.23	4.73	54.05	10.88	60.65
14	В	3.67	62.65	11.98	12.98	1.61	7.11	67.44
15	D	5.71	9.33	5.63	56.57	6.33	16.44	67.69
16	В	3.01	52.71	6.79	4.53	1.40	31.57	77.02
17	A	55.79	3.27	18.41	2.84	8.23	11.46	63.02
18	С	3.46	5.75	43.04	9.48	5.34	32.93	64.17
19	D	6.27	10.05	7.78	31.18	5.01	39.70	51.71
20	E	7.89	5.27	7.68	12.68	19.34	47.13	36.59
21	В	4.61	33.70	6.10	5.18	2.97	47.44	64.12
22	С	14.28	5.09	12.03	18.95	16.74	32.91	17.93
23	С	6.83	10.23	26.90	4.94	5.47	45.64	49.48
24	E	3.84	30.18	6.29	8.17	6.09	45.42	11.16
25	D	4.99	8.00	7.63	12.64	6.81	59.92	31.54

Fermat Contest Concours Fermat

Number of Contestants / Nombre de concurrents: 14663

Average mark / Note moyenne: 87.81

Percentage of contestants selecting each option / Pourcentage de concurrents par choix:

	Correct						% not	% correct
	Answer/						attempted/	of attempted
	Bonne						% sans	% tentatives
	Réponse						réponse	réussies
#	_	A	В	С	D	E	_	
1	В	0.64	98.48	0.43	0.19	0.18	0.08	98.55
2	С	1.40	4.81	91.22	0.75	1.77	0.06	91.27
3	E	0.63	0.76	0.85	0.71	96.33	0.72	97.03
4	A	86.19	0.47	0.93	11.44	0.16	0.81	86.89
5	D	2.70	0.86	3.66	89.23	0.62	2.93	91.93
6	В	3.58	85.43	2.47	3.67	1.10	3.75	88.76
7	С	2.05	0.55	86.20	3.09	2.80	5.31	91.04
8	В	3.29	87.04	2.91	1.83	2.97	1.96	88.79
9	В	2.38	59.90	30.03	1.40	1.43	4.86	62.96
10	D	0.80	4.02	3.24	81.41	4.65	5.88	86.49
11	E	2.73	8.82	14.92	3.45	61.15	8.93	67.14
12	A	55.18	8.01	7.59	2.61	12.81	13.79	64.01
13	В	2.91	85.53	3.04	5.59	1.55	1.38	86.73
14	С	6.80	5.63	43.01	16.52	11.48	16.57	51.55
15	D	4.44	2.45	4.68	72.69	3.67	12.08	82.67
16	E	1.46	4.02	2.43	6.43	82.96	2.71	85.27
17	A	38.44	30.85	2.43	9.13	4.11	15.05	45.25
18	A	27.68	9.19	7.41	15.52	6.25	33.95	41.90
19	A	18.76	3.28	17.29	17.59	10.93	32.16	27.65
20	В	37.61	27.30	8.91	5.23	2.29	18.65	33.56
21	C	5.46	6.62	19.38	3.89	6.17	58.49	46.69
22	A	18.80	10.74	10.56	7.92	5.37	46.61	35.20
23	A	4.71	4.47	6.72	8.95	5.80	69.34	15.35
24	В	9.68	7.86	14.19	5.39	8.88	53.99	17.09
25	A	4.21	4.40	7.82	6.46	4.06	73.05	15.64

Score/ Note	Pascal Rank/	Cayley Rank/	Fermat Rank/	Score/ Note	Pascal Rank/	Cayley Rank/	Fermat Rank/
	Position	Position	Position		Position	Position	Position
150	1	1	1	99	9789	5384	4101
149				98	10156	5640	4272
148				97	10525	5936	4620
147		9.0		96	10955	6214	4877
146	10	30	-	95	11333	6491	5242
145	19	31	5 6	94	11760	6777	5494
$\frac{144}{143}$	20	32	О	93 92	12223	7066	5867
143 142	84	56	17	92 91	12582 12969	7342 7648	$6152 \\ 6443$
142	218	50	11	90	13369	7951	6760
141	219	133		89	13756	8231	7076
139	$\begin{array}{c} 219 \\ 225 \end{array}$	135		88	14169	8546	7403
138	239	139	27	87	14565	8845	7735
137	440	167	48	86	14949	9091	8041
136	469	177	51	85	15291	9413	8341
135	663	240	91	84	15643	9701	8627
134	667	241	63	83	16011	10021	8924
133	931	306	83	82	16381	10284	9245
132	980	315	88	81	16689	10572	9516
131	1173	367	139	80	16995	10841	9777
130	1225	394	140	79	17303	11103	10008
129	1413	486	178	78	17559	11369	10273
128	1499	505	179	77	17893	11721	10538
127	1803	636	213	76	18194	11965	10792
126	1866	666	227	75	18459	12227	11009
125	2120	778	350	74	18718	12457	11221
124	2208	818	357	73	18959	12711	11415
123	2436	909	426	72	19182	12935	11658
122	2563	974	435	71	19409	13216	11862
121	2908	1117	495	70	19627	13432	12056
120	3026	1185	526	69	19851	13631	12195
119	3362	1371	716	68	20033	13821	12348
118	3482	1444	731	67	20205	14015	12511
117	3774	1588	842	66	20354	14231	12674
116	3959	1696	867	65	20527	14478	12806
115	4302	1894	1008	64	20672	14669	12912
114	4481	2029	1069	63	20817	14815	13042
113	4850	2268	1344	62	20950	14963	13147
112	5034	2405	1397	61	21057	15144	13265
111	5381	2604	1626	60	21155	15323	13361
110	5635	2778	1671	59	21275	15443	13469
109	6045	3006	1876	58	21380	15547	13554
108	6337	3226	1957	57 50	21498	15690	13644
107	6778	3452	2307	56	21583	15828	13727
106	7047	3654	2382	55 54	21657	15967	13811
105	7493 7786	3903	2691	54 52	21736	16075	13882
104	7786	4119	2813	53 50	21802	16177 16265	13939
103	8195	4355	3077 2256	52 51	21872	16265	14000
102	8555	4639	3256	51 50	21932	16357	14058
101 100	$8955 \\ 9337$	4897	3586 2752	50	21979 22022	16443 16517	14117
100	9557	5144	3752	49	<i>ZZ</i> U <i>ZZ</i>	10917	14167

Score/	Pascal	Cayley	Fermat
Note	Rank/	Rank/	Rank/
40	Position	Position	Position
48	22057	16577	14206
47	22117	16637	14253
46	22150	16713	14308
45	22183	16784	14345
44	22213	16850	14378
43	22240	16897	14413
42	22272	16936	14434
41	22291	16983	14460
40	22320	17023	14482
39	22334	17053	14501
38	22351	17079	14518
37	22370	17098	14540
36	22386	17115	14552
35	22400	17136	14570
34	22409	17155	14576
33	22415	17173	14585
32	22423	17186	14595
31	22429	17193	14603
30	22438	17220	14615
29	22443	17234	14621
28	22450	17246	14626
27	22453	17256	14632
26	22460	17263	14637
25	22464	17275	14641
24	22468	17278	14645
23	22469	17282	14646
22	22471	17285	14648
21	22474	17288	14652
20		17290	14654
19	22478	17291	14656
18	22479	17292	14657
17	22481	17293	
16	22485	17295	14659
15			
14			14660
13		17296	14662
12		17297	
11			
10			14663

N.B. These rankings pertain to eligible contestants only $\ /$

N.B. Ces rangs se rapportent seulement aux concurrents admissibles

Scores/ Notes	Pascal # of Schools/ No d'écoles	Cayley # of Schools/ No d'écoles	Fermat # of Schools/ No d'écol es
440 - 450	1	5	0
430 - 439	12	8	0
420 - 429	33	6	2
410 - 419	48	14	8
400 - 409	41	24	9
390 - 399	65	29	18
380 - 389	65	32	18
370 - 379	77	38	26
360 - 369	70	35	30
350 - 359	77	57	40
340 - 349	91	71	57
330 - 339	73	71	73
320 - 329	78	70	90
310 - 319	55	77	76
300 - 309	41	63	82

Number of three student teams / Nombre d'équipes de trois élèves

Pascal Contest / Concours Pascal: 950 Cayley Contest / Concours Cayley: 888 Fermat Contest / Concours Fermat: 875



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2011 2011

Results Résultats

Pascal Contest Concours Pascal

(Grade 9)

 $Cayley\ Contest$ Concours Cayley
(10^e année – Sec. IV)

Fermat Contest Concours Fermat

> $(11^e \text{ ann\'ee} - \text{Sec. } V)$ (Grade 11)

Fermat Contest Honour Rolls Palmarès pour le concours Fermat

2012 Fermat Contest/Concours Fermat Team List/Palmarès d'équipes

Rank/	School/	City/Ville	Score
	École	5.t.y. 15	000.0
1	Sentinel S.S.	Work Newscare	424
2	North Toronto C.I.	West Vancouver Toronto	424
3			418
3	University of Toronto Schools	Toronto Windsor	418
5	Vincent Massey S.S. Bayview S.S.	Windsor Richmond Hill	418 416
5	Burnaby North S.S.	Burnaby	416
5	Earl Haig S.S.	North York	416
8	Fraser Heights S.S.	Surrey	415
8	Sir Winston Churchill S.S.	Vancouver	415
10	West Vancouver S.S.	West Vancouver	413
11	Gleneagle S.S.	Coquitlam	413
12	Don Mills C.I.	North York	404
12	Lisgar C.I.	Ottawa	404
12	Pinetree S.S.		404
12	Victoria Park C.I.	Coquitlam North York	404
16		Vancouver	402
16	Point Grey S.S. Fredericton H.S.	vancouver Fredericton	402
17		Vancouver	400
17	Magee S.S. Richmond Hill H.S.	Richmond Hill	400
20		Vancouver	398
20	Lord Byng S.S. Waterloo C.I.	Waterloo	398
22	Pierre Elliott Trudeau H.S.	water100 Markham	398 397
23	John Fraser S.S.	Mississauga	396
23	Semiahmoo S.S.	<u> </u>	396
23	St. George's School	Surrey Vancouver	396
23	Upper Can Col-Upper School	Toronto	396
27	Bell H.S.	Nepean	395
28	A.Y. Jackson S.S.	North York	394
28	Sir Winston Churchill H.S.	Calgary	394
28	University Hill S.S.	Vancouver	394
28	University Transition Program	Vancouver	394
32	Fort Richmond C.I.	Winnipeg	393
33	Abbey Park H.S.	Oakville	392
33	Burnaby Mountain S.S.	Burnaby	392
33	Glenforest S.S.	Mississauga	392
33	Western Canada H.S.	Calgary	392
37	Seaquam S.S.	Delta	390
38	Campbell C.I.	Regina	388
38	Colonel By S.S.	Gloucester	388
38	Crescent School	North York	388
38	Woodroffe H.S.	Ottawa	388
42	Shawnigan Lake School	Shawnigan Lake	387
43	Markham District H.S.	Markham	386
43	New Westminster S.S.	New Westminster	386
45	Elgin Park S.S.	Surrey	385
45	York Mills C.I.	North York	385
47	College Jean de Brebeuf	Montreal	384
47	Marc Garneau C.I.	North York	384
47	Sir John A. Macdonald C.I.	Scarborough	384
47	The Woodlands School	Mississauga	384
		·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··	

Name/Nom		School/École	Location/ Endroit	Grade/Niveau
Group I/Groupe I		Scores/Notes 150 - 145		
GENG KANG LAI LIM SPIVAK	QINYI DONG WON LEO URSULAANNE DANIEL	West Vancouver S.S. North Toronto C.I. Sir Winston Churchill S.S. Burnaby North S.S. Bayview S.S.	West Vancouver Toronto Vancouver Burnaby Richmond Hill	11 11 11 11 11
Group II/Groupe	II	Scores/Notes 144 - 139		
CHEN	JOHN	Earl Haig S.S.	North York	11
CHEN	LETIAN	Vincent Massey S.S.	Windsor	10
KIM	SUBIN	Kennebecasis Valley H.S.	Rothesay	11
LEE	JAE JOON	Shawnigan Lake School	Shawnigan Lake	11
LIN	GUJIANG	University Hill S.S.	Vancouver	11
LIU	JANE	Newtonbrook S.S.	North York	11
SUN	KAI		London	8
SUO	SHUNDA	Victoria Park C.I.	North York	11
TANG	JOHNNY	Markham District H.S.	Markham	10
WANG	JUSTIN	University of Toronto Schools	Toronto	11
XU	DENNIS	Abbey Park H.S.	Oakville	11
YANG	YOUNG	Fraser Heights S.S.	Surrey	11
YURONG	ZHU	Sentinel S.S.	West Vancouver	11
ZHANG	GAVIN	Sir Winston Churchill S.S.	Vancouver	10
ZHANG	QI ROGER	Campbell C.I.	Regina	11
ZHANG ZHANG	RICHARD	Oakville Trafalgar H.S.	Oakville Vancouver	11 11
ZHANG ZHANG	YU QI YUANDI	Point Grey S.S. Fredericton H.S.	Fredericton	11
ZHOU	WILLIAM	Britannia S.S.	Vancouver	11
ZHOU	XIAOZHOU	Sentinel S.S.	West Vancouver	11
ZLOTCHEVSKI	ANDREI	College Jean de Brebeuf	Montreal	11
Group III/Groupe	: III	Scores/Notes 138 - 135		
СНАОНЕ	SHI	Burnaby Mountain S.S.	Burnaby	11
CHEN	WEITAO	North Toronto C.I.	Toronto	11
DQ	UYEN	Mother Teresa H.S.	Nepean	11
GATEA	ALEXANDRU	Waterloo C.I.	Waterloo	11
GU	BAILEY	Lisgar C.I.	Ottawa	11
HUANG	TOM	Richmond Hill H.S.	Richmond Hill	11
HUI	DANIEL	Woburn C.I	Scarborough	11
JIANG	KELVIN		North York	11
KONG	ANGUS	Vincent Massey S.S.	Windsor	11
LEE	ALEX	Waterloo C.I.	Waterloo	11
LI	GORDON	Lord Byng S.S.	Vancouver	11
LI 	JIACHEN	Earl Haig S.S.	North York	11
LI	ZI YAN	St. George's School	Vancouver	10
LIM	HOJUN	Gleneagle S.S. Vincent Massey S.S.	Coquitlam	11 11
LIU LU	SHAWN TONY	Vincent Massey S.S. Don Mills C.I.	Windsor North York	11
QIN	WEICI	Trafalgar School for Girls	Montreal	11
RANDHAWA	AVINEET	Fraser Heights S.S.	Surrey	11
REN	KEVIN	Pickering H.S.	Ajax	11
RUZGAR	NENSI	Northern S.S.	Toronto	11
SEYED GHASEMIP	SEYED KAMY	Earl Haig S.S.	North York	11

Group III/Groupe	III	Scores/Notes 138 - 135		
SHI	YUN	Pierre Elliott Trudeau H.S.	Markham	11
SHIN	JACK	Pinetree S.S.	Coquitlam	11
SHU	YUE	Sentinel S.S.	West Vancouver	11
SONG	RUI	Walter Murray C.I.	Saskatoon	11
TU	JAMES	York Mills C.I.	North York	11
WANG	KAREN	University Transition Program	Vancouver	9
WU	HENRY	University of Toronto Schools	Toronto	10
WU	SHUYI	Fort Richmond C.I.	Winnipeg	11
XIE	PETER	Don Mills C.I.	North York	11
XU	SHAN SHAN	Fraser Heights S.S.	Surrey	11
YAO	YUAN	Colonel By S.S.	Gloucester	11
YIN	XIAOSONG	Magee S.S.	Vancouver	11
YING	LESLIE	University of Toronto Schools	Toronto	11
ZHANG	JUNCHEN	Gleneagle S.S.	Coquitlam	11
ZHANG	TIANYI	West Vancouver S.S.	West Vancouver	11
ZHANG	TIANTI	west vancouver s.s.	west validouver	
Group IV/Groupe	IV	Scores/Notes 134 - 132		
BYUN	GREG	Abbey Park H.S.	Oakville	11
CHEN	HARRY	University of Toronto Schools	Toronto	10
CHEN	QIUYUAN	John Fraser S.S.	Mississauga	11
CHEN	WENBO	Earl Haig S.S.	North York	11
CHIEN	KEVIN	Crescent School	North York	11
DAVE	MAHIMNA	Marc Garneau C.I.	North York	11
FAN	JIAHUI	St. Robert C.H.S.	Thornhill	11
FARAHVASH	ARMIN	North Toronto C.I.	Toronto	11
GE	SABRINA	University of Toronto Schools	Toronto	10
HAYWARD	JACK	Crescent School	North York	11
HE	DANIEL	Fredericton H.S.	Fredericton	10
HONG	DANIEL	Upper Can Col-Upper School	Toronto	11
HONG	SEOLIM	Jarvis C.I.	Toronto	11
HUANG	CHARLIE	Vaughan Road Academy	York	11
HUANG	ROBERT	Semiahmoo S.S.	Surrey	11
HUANG	STE EN	Burnaby North S.S.	Burnaby	11
HUANG	TIGER	Upper Can Col-Upper School	Toronto	11
JI	JAMES	The Woodlands School	Mississauga	11
JIANG	HANCHENG	North Toronto C.I.	Toronto	11
KANG	JU HEE	Kitsilano S.S. (English)	Vancouver	11
KIM	YOUNG	Luther College	Regina	11
KIM	YOUNGSANG	Pinetree S.S.	Coquitlam	11
KWON	CAROL	Yale S.S.	Abbotsford	11
LEE	ALBERT	Burnaby Mountain S.S.	Burnaby	11
LEE	FRED	Elgin Park S.S.	Surrey	11
LEE	THOMAS	Richmond Hill H.S.	Richmond Hill	11
LI	ANGELA	Magee S.S.	Vancouver	11
LI	DAVIS	Gladstone Secondary School	Vancouver	11
LIAO	JEFFREY	Markville S.S.	Markham	11
LIU	ALICE	Centennial Collegiate	Saskatoon	11
LIU	DAN	Bell H.S.	Nepean	11
LIU	XIAOLE	Point Grey S.S.	Vancouver	11
MA	EMILY	New Westminster S.S.	New Westminster	11
MIRANDA	ZHU	R.A. McMath S.S.	Richmond	11
MOLINA	ANTONIO	Ste. Anne	Fredericton	10
PARK	YOUNJIN	Pinetree S.S.	Coquitlam	11
PRAKASH	NIKHIL	Burnaby North S.S.	Burnaby	11

Fort Richmond C.I.

RAMPERSAD

CHRIS

Winnipeg

11

Group IV/Group	e IV	Scores/Notes 134 - 132		
SHAO	PENG	H.B. Beal S.S.	London	11
SIMPSON	LUCAS	Woodroffe H.S.	Ottawa	11
SONG	ALLAN	John Fraser S.S.	Mississauga	11
TSAI	EDWARD	Vincent Massey S.S.	Windsor	11
WANG	ER ZHUO	New Westminster S.S.	New Westminster	11
WANG	JESSE K	Lisgar C.I.	Ottawa	11
WANG	NICK	Bayview S.S.	Richmond Hill	11
WANG	PO SHIANG	Westmount H.S.	Westmount	11
WANG	SANCHUAN	Ashbury College	Rockcliffe	11
WANG	SUNNY	Bell H.S.	Nepean	11
WANG	XINZHU	Stouffville D.H.S.	Stouffville	11
WANG	ZEYU	Sir John A. Macdonald C.I.	Scarborough	11
WEI	YUANHAO	Earl of March S.S.	Kanata	11
WU	TONY	Dr. Norman Bethune C.I.	Scarborough	11
WU	YIFEI	Western Canada H.S.	-	11
XIA	YUCHEN	Earl Haig S.S.	Calgary North York	11
XIA	KEVIN	Glenforest S.S.		11
			Mississauga	
XU	HAOYANG	Earl Marriott S.S.	Surrey	11
XU	NATHANIEL	Earl Haig S.S.	North York	10
XU	YINNING	Henry Wise Wood Sr. H.S	Calgary	11
XU	ZHAOYUE	Vincent Massey S.S.	Windsor	11
XUE	WENBO	Glenforest S.S.	Mississauga	11
YANG	JOHN	Seaquam S.S.	Delta	11
YE	HUIZI	Southpointe Academy	Delta	11
YIN	TING WEN	Vincent Massey S.S.	Windsor	11
YU	BILL	Seaquam S.S.	Delta	11
ZENG	ZHIHENG	Bayview S.S.	Richmond Hill	11
ZHANG	CHARLENE	Gleneagle S.S.	Coquitlam	11
ZHANG	DAVID	Earl Haig S.S.	North York	11
ZHANG	RUNYU	Victoria Park C.I.	North York	11
ZHANG	VINSON	Sir Winston Churchill H.S.	Calgary	11
ZHAO	LINDA	Sir Winston Churchill H.S.	Calgary	11
ZHAO	MIKE	Pierre Elliott Trudeau H.S.	Markham	11
ZHAO	ZHEN YUAN	E.S. Antoine Brossard	Brossard	11
ZHAOYANG	WANG	A.Y. Jackson S.S.	North York	11
ZHOU	EDWARD	Bayview S.S.	Richmond Hill	11
ZHU	MICHAEL	Lisgar C.I.	Ottawa	11
ZHU	TIAN RONG	Semiahmoo S.S.	Surrey	11
Group V/Groupe	e V	Scores/Notes 131 - 126		
ABBASI	SINA	Richmond Hill H.S.	Richmond Hill	9
ABERNETY	SAM	Citadel H.S.	Halifax	11
AHMED	ANAS	Vincent Massey S.S.	Windsor	11
ARULMANI	DHEEVESH	Gordon Graydon Memorial S.S.	Mississauga	11
AU	MAGDALENE	Marc Garneau C.I.	North York	11
BAEK	ANDY	Colonel By S.S.	Gloucester	11
BAEK	SUNGWOO	Western Canada H.S.	Calgary	11
BANH	DANIEL	Upper Can Col-Upper School	Toronto	11
BELLEVILLE	LOUIS	Lord Byng S.S.	Vancouver	11
BIAN	GRACE	Sentinel S.S.	West Vancouver	11
BISSON	CHRIS	Sir Winston Churchill S.S.	St Catharines	11
BOURASSA	ALICE	College Durocher/St-Lambert	Saint-Lambert	11
BRAILOVSKI	EUGENE	College Notre-Dame du Sacré-Coeur	Montreal	11
BRIK	GARO	University of Toronto Schools	Toronto	10
CHARL	UALVING	Claba Callaniata Institute	0++	11

Glebe Collegiate Institute

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11

Ottawa

Group V/Groupe V Scores/Notes 131 - 126

Croap Wordapo	•	000100/110100 101 120		
CHEN	AINSLEY	West Point Grey Academy	Vancouver	11
CHEN	ALEX	Shawnigan Lake School	Shawnigan Lake	11
CHEN	CATHY	St. John's Kilmarnock School	Breslau	11
CHEN	DAVID	Ross Sheppard Comp. H.S.	Edmonton	11
CHEN	JIANI	Branksome Hall	Toronto	11
CHEN	MARIA	Moscrop S.S.	Burnaby	11
CHEN	PEGGY	Kitsilano S.S. (English)	Vancouver	11
CHEN	SI WEI	A.Y. Jackson S.S.	North York	11
CHEN	WEN CHUN	York House School	Vancouver	11
CHEN	XIAOHAN	Mulgrave School	West Vancouver	11
CHENG	CALVIN	St. George's School	Vancouver	11
CHENG	GEORGE	University of Toronto Schools	Toronto	10
CHENG	RO Y	Sentinel S.S.	West Vancouver	11
CHENG	SHI	belieffer b.b.	Scarborough	11
CHEUNG	JASON	University of Toronto Schools	Toronto	11
CHEUNG	JONATHAN	Vancouver College H.S.	Vancouver	11
				11
CHOI	SEUNG JAE	Handsworth S.S.	North Vancouver	
CHOO	SEO HYUN	Lord Byng S.S.	Vancouver	11
CHOW	KEVIN	Windsor S.S.	North Vancouver	11
CHU	CHRISTOPHE	University of Toronto Schools	Toronto	10
CHU	TIMMY	R.C. Palmer S.S.	Richmond	11
CHU	WEILIAN	Old Scona Academic H.S.	Edmonton	11
DALUWATTE	VIRAN	Longfields-Davidson Heights S.S	Nepean	11
DENG	MICHAEL	Western Canada H.S.	Calgary	11
DING	SUYU	E. Int'l de Montreal	Westmount	11
DONG	GRACIA	Pierre Elliott Trudeau H.S.	Markham	11
DONG	HONGDAO	London Central S.S.	London	11
DU	JERRY	Bell H.S.	Nepean	11
DUAN	JUNRAN	Sir John A. Macdonald C.I.	Scarborough	11
DUAN	YUYING	Woodroffe H.S.	Ottawa	11
ECKFORD	KEVIN	Sentinel S.S.	West Vancouver	11
FAN	QINGJIN	Bishop Strachan School	Toronto	11
FANG	TINA	A.B. Lucas S.S.	London	11
FU	CHRIS	Burnaby North S.S.	Burnaby	10
GREIG	ETHAN	Westdale S.S.	Hamilton	11
GUAY	NICOLAS	College St. Alexandre	Gatineau	11
НА	VIOLET	Pinetree S.S.	Coquitlam	11
	XUAN	Lo-Ellen Park S.S.	-	11
HAN	-		Sudbury	
HAN	YUBO	Western Canada H.S.	Calgary	11
HAOCHEN	SANG	The Woodlands School	Mississauga	11
HERGOTT	LAURA	Holy Trinity School	Richmond Hill	11
HONG	JIYOUN	St. John's-Ravenscourt School	Winnipeg	11
HSU	YU CHUAN P	Pinetree S.S.	Coquitlam	11
HU	CHUQI	Bayview S.S.	Richmond Hill	11
HUANG	HAN		Vancouver	11
HUANG	JIAQI	Rockridge S.S.	West Vancouver	11
HUANG	JOHN	Steveston London S.S.	Richmond	11
HUANG	TIM	Lorne Park S.S.	Mississauga	11
HUANG	TOMMY	Bayview S.S.	Richmond Hill	11
HUANG	WINA	Crofton House School	Vancouver	11
HUNG	SHIH CHUN	Sir Winston Churchill S.S.	Vancouver	11
HUO	JIAORONG	Point Grey S.S.	Vancouver	11
HUSSAIN	SADIG	Pinetree S.S.	Coquitlam	11
JAMROZ	ANDREW	St. Patrick's Reg. S.S.	Vancouver	11
JANMOHAMED	ALYF	Upper Can Col-Upper School	Toronto	11
JEN	GREGORY	R.A. McMath S.S.	Richmond	11
		K.A. MCMACH 3.5.		
JEONG	JUSTIN		London	11

Group V/Groupe V

Scores/Notes 131 - 126

Gloup Woldupe	V	300163/NOI63 131 - 120		
JIA	MINGDA	Earl Haig S.S.	North York	11
J00	KAREN	Gleneagle S.S.	Coquitlam	11
KHAN	HAMMAD	The Woodlands School	Mississauga	11
KHAN	SADMAN	Danforth Coll & Tech. Inst.	Toronto	11
KIM	MELANIE	Pinetree S.S.	Coquitlam	11
KIM	YOUNGJIN	Pinetree S.S.	Coquitlam	11
LAM	FREDRIC	Centennial Reg. H.S.	Greenfield Park	11
LAM	JENNI	Mount Douglas S.S.	Victoria	11
LAW	JACQUELINE	Crofton House School	Vancouver	11
LEE	CORNE LL	Pinetree S.S.	Coquitlam	11
LEE	HANNOORI	Semiahmoo S.S.	Surrey	11
LEE	YOU JI	R.E. Mountain S.S.	Langley	11
LI	DAVID	St. Benedict C.S.S.	Cambridge	11
LI	HUNTER	Heritage Woods Secondary	Port Moody	11
LI	JIAZHAO	University Hill S.S.	Vancouver	11
LI	JIMING	St. George's School	Vancouver	11
LI	JODY	Seaguam S.S.	Delta	11
LI	JOHN	Elgin Park S.S.	Surrey	11
LI	PETER	Woburn C.I	Scarborough	11
LI	WEIJIA	West Vancouver S.S.	West Vancouver	11
LIANG	QIAN	A.Y. Jackson S.S.	North York	11
LIAO	JUNQI	Markville S.S.	Markham	11
LIM	ALEXANDER	Pinetree S.S.	Coquitlam	11
LIM	HYUN SUK	University of Toronto Schools	Toronto	11
LINDEN	NICOLAS	Kelowna S.S.	Kelowna	11
LIU	CHRISTOPHE	Magee S.S.	Vancouver	11
	ERIC	London Central S.S.	London	11
LIU	HONG YUE S	Sir Winston Churchill S.S.	Vancouver	11
LIU	JERRY	Bur Oak S.S.	Markham	11
LIU				
LIU	JIALU	Dakota C.I.	Winnipeg	11
LIU	MENGDI	Southpointe Academy	Delta	11
LIU	SARAH	University of Toronto Schools	Toronto	11
LIU	SIMON	Victoria Park C.I.	North York	11
LIU	TIAN JING	College St. Louis	Lasalle	11
LIU	TIMOTHY	Brentwood College School	Mill Bay	11
LIU	YI TIAN	Pitt Meadows S.S.	Pitt Meadows	11
LU	HENRY	Bramalea S.S.	Brampton	11
LU	YUFAN	E.S. St. Luc	Montreal	11
LU	ZERAN	E.S. St. Luc	Montreal	11
MA	ANGELA	University of Toronto Schools	Toronto	11
MA	ASHLEY	Richmond Hill H.S.	Richmond Hill	11
MA	KIM	Agincourt C.I.	Scarborough	11
MEI	JANNIS	University of Toronto Schools	Toronto	11
METHERALL	BRADY	Pine Ridge S.S.	Pickering	11
MIN	NICOLAES	Richmond Hill H.S.	Richmond Hill	11
NAIDAS	CLAUDINNE	Mary Ward C.S.S	Scarborough	11
NAM	HEE JOO	Western Canada H.S.	Calgary	11
NG	MARISSA	University Transition Program	Vancouver	9
NG	MONICA	Little Flower Academy	Vancouver	11
OH	JAEWON	Waterloo C.I.	Waterloo	11
00	THOMAS	Seaquam S.S.	Delta	10
OUYANG	VICTOR	Vincent Massey S.S.	Windsor	11
PALMER	LUCAS	Walkerville C.I.	Windsor	11
PARK	PETER	Brebeuf College School	North York	11
PARK	ROBIN	Fraser Heights S.S.	Surrey	11
PARK	SOJUNG	King's Christian Collegiate	Oakville	11
PARK	YOONSIK	Pinetree S.S.	Coquitlam	11

Group V/Groupe V

Scores/Notes 131 - 126

Gloup Woldupe	<i>'</i>	300163/NOI63 131 - 120		
PARKES	NICKI	St. Christopher S.S.	Sarnia	11
PEREIRA	DARREN	Brebeuf College School	North York	11
PHAN	EMILIE	College Jean de la Mennais	La Prairie	11
PHUNG	LUAN	College St. Alexandre	Gatineau	11
PODGORNY	PRZEMEK	Western Canada H.S.	Calgary	11
POOLE	ZACH	Bishop Carroll H.S.	Calgary	11
QI	CHARLES	Lorne Park S.S.	Mississauga	11
QIU	ALVIN	Richmond Hill H.S.	Richmond Hill	11
QIU	ANDY	Seycove S.S.	North Vancouver	11
QIU	BOBBY	Don Mills C.I.	North York	11
QIU	BRYAN	Richmond Hill H.S.	Richmond Hill	11
REN	TONY	Bayview S.S.	Richmond Hill	11
ROBINSON	JUSTIN	Clarington Central S.S.	Bowmanville	11
SHA	IRENE	Archbishop MacDonald H.S.	Edmonton	11
SHE	XINYAN	University Transition Program	Vancouver	10
SHEN	KATHY	R.C. Palmer S.S.	Richmond	11
SHI	ANNIE	Marc Garneau C.I.	North York	11
SONG	BRIAN	T.A. Blakelock H.S.	Oakville	11
SONG	JAY	John Fraser S.S.	Mississauga	11
SONG	KAIWEN	The Woodlands School	Mississauga	11
SU	SOPHIA	Bodwell H.S.	North Vancouver	11
SU	YU	Holy Cross C.S.S.	Kingston	11
SZELEWICKI	GRANT	Tempo School	Edmonton	11
TAM	BRIAN	Magee S.S.	Vancouver	11
TAN	RUOXI	Hugh McRoberts S.S.	Richmond	11
TANG	GABRIELLA	Pinetree S.S.	Coquitlam	11
TANG	HELEN	Marc Garneau C.I.	North York	11
TANG	MINGYI	Vincent Massey S.S.	Windsor	11
TANG	MU	Lord Byng S.S.	Vancouver	11
TANVEER TSOUNG	SARMAD	Longfields-Davidson Heights S.S	Nepean	11 11
TSOUNG	DAVID THOMAS	St. George's School St. George's School	Vancouver Vancouver	11
VEGA	CAMILO	Bur Oak S.S.	Markham	11
VEGA	MICHAEL	Mother Teresa C.S.S.	London	11
WANG	ALLAN	Don Mills C.I.	North York	11
WANG	BOB	West Vancouver S.S.	West Vancouver	11
WANG	JEREMY	Don Mills C.I.	North York	11
WANG	JOLLER	Elgin Park S.S.	Surrey	11
WANG	SHIRLEY	North Toronto C.I.	Toronto	11
WEI	ROBIN	Glenforest S.S.	Mississauga	11
WEINSTEIN	JOSHUA	Forest Hill C.I.	Toronto	11
WENG	LEI	Victoria Park C.I.	North York	11
WONG	ANSON	St. Michael's College School	York	11
WONG	KELVIN	Semiahmoo S.S.	Surrey	11
WONG	SHANNON	Richmond Hill H.S.	Richmond Hill	11
WU	ANGELA	John F. Ross C.V.I.	Guelph	11
WU	JENNY	Marc Garneau C.I.	North York	11
WU	JESSICA	Richmond Hill H.S.	Richmond Hill	11
WU	YIDONG	Ridley College	St Catharines	11
XIAO	CHARLEY	College St. Louis	Lasalle	11
XING	ALFRED	University Transition Program	Vancouver	9
XU	CARLOS	St. George's School	Vancouver	11
XU	RUOFAN	E.S. Antoine Brossard	Brossard	11
YANG	HARRY	York Mills C.I.	North York	11
YANG	ISABELLE	Don Mills C.I.	North York	11
YANG	JING BO	John Fraser S.S.	Mississauga	11
YANG	QIN	A.Y. Jackson S.S.	North York	11

Group V/Groupe V $_{_{\mathrm{YIN}}}$

Scores/Notes 131 - 126

YIN	TONY	Agincourt C.I.	Scarborough	11
YU	KEVIN	Stephen Lewis S.S.	Thornhill	11
YU	RICHARD	Magee S.S.	Vancouver	11
YU	TIANYI	Bloor C.I.	Toronto	11
YU	TOM		Vancouver	11
YUCHEN	WEI	Pinetree S.S.	Coquitlam	11
YUHAO	YAN	Appleby College	Oakville	11
ZHAN	REENA	University of Toronto Schools	Toronto	10
ZHANG	BESSIE	Ashbury College	Rockcliffe	11
ZHANG	JACKY	Western Canada H.S.	Calgary	11
ZHANG	JAMES	Ridley College	St Catharines	11
ZHANG	JERRY	Victoria Park C.I.	North York	11
ZHANG	LOLA	Pacific Academy	Surrey	11
ZHANG	PEIYI	Vaughan S.S.	Thornhill	11
ZHANG	WEIWEIBING	Vincent Massey S.S.	Windsor	11
ZHANG	WILSON	Bayview S.S.	Richmond Hill	11
ZHAO	CARL	John Diefenbaker H.S.	Calgary	11
ZHENG	TIM	St. John's School	Vancouver	11
ZHONG	JOHNSON	Sir Winston Churchill H.S.	Calgary	11
ZHOU	JIAYAN	Woodroffe H.S.	Ottawa	11
ZHU	ANTONIA	St. John's-Ravenscourt School	Winnipeg	11
ZHU	HENRY	Waterloo C.I.	Waterloo	11
ZHU	ROBERT	Iroquois Ridge H.S.	Oakville	11
ZHUO	AMY	York House School	Vancouver	11
ZUO	HEBE	Sir Winston Churchill H.S.	Calgary	11