



The CENTRE for EDUCATION
in MATHEMATICS and COMPUTING

Le CENTRE d'ÉDUCATION
en MATHÉMATIQUES et en INFORMATIQUE

www.cemc.uwaterloo.ca

2020
Results

2020
Résultats

Pascal Contest
(Grade 9)

Concours Pascal
(9^e année – Sec. III)

Cayley Contest
(Grade 10)

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

Fermat Contest
(Grade 11)

Concours Fermat
(11^e année – Sec. V)



UNIVERSITY OF
WATERLOO

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

Ed Anderson	Conrad Hewitt
Jeff Anderson	Valentina Hideg
Terry Bae	Angie Hildebrand
Jacqueline Bailey	Carrie Knoll
Shane Bauman	Christine Ko
Jenn Brewster	Judith Koeller
Ersal Cahit	Laura Kreuzer
Diana Castañeda Santos	Bev Marshman
Sarah Chan	Paul McGrath
Ashely Congi	Jen Nelson
Serge D'Alessio	Ian Payne
Fiona Dunbar	J.P. Petti
Mike Eden	Alexandra Rideout
Sandy Emms	Nick Rollick
Barry Ferguson	Kim Schnarr
Steve Furino	Carolyn Sedore
John Galbraith	Ashley Sorensen
Lucie Galinon	Ian VanderBurgh
Robert Garbary	Troy Vasiga
Rob Gleeson	Heather Vo
Sandy Graham	Bonnie Yi

*Problems Committees / Comités des problèmes**Pascal Contest / Concours Pascal*

Aaron Warner (Chair / présidente), St. Mildred's-Lightbourn School, Oakville, ON
Melissa Hesch, University of Waterloo, Waterloo, ON
Rachel Iacobucci, White Oaks S.S., Oakville, ON
Hwie Lie Johns, Sutherland S.S., North Vancouver, BC
Mike Miniou, University of Waterloo, Waterloo, ON
Peter O'Hara, London, ON
J.P. Pretti, University of Waterloo, Waterloo, ON
Paule Rodrigue, Franco-Cité, Ottawa, ON
Anna Spanik, Halifax, NS

Cayley Contest / Concours Cayley

Jen Nelson (Chair / présidente), University of Waterloo, Waterloo, ON
Rich Dlin, Community Hebrew Academy of Toronto, Toronto, ON
Barry Ferguson, University of Waterloo, Waterloo, ON
Carley Funk, Waterloo C.I., Waterloo, ON
Jordan Grant, St. John's-Kilmarnock School, Breslau, ON
Christopher Ing, Vincent Massey S.S., Windsor, ON
Christine Ruza, Elmira D.S.S., Elmira, ON
Tim Zhou, University of Waterloo, Waterloo, ON

Fermat Contest / Concours Fermat

Paul Fennell (Chair / président), London, ON
Sandra DellaMaestra, University of Toronto Schools, Toronto, ON
Mike Eden, University of Waterloo, Waterloo, ON
Melissa Giardina, Jean Vanier C.S.S., Milton, ON
Conrad Hewitt, University of Waterloo, Waterloo, ON
Steve Lau, Tara, ON
Carol Miron, North Toronto C.I., Toronto, ON
Michael Regep, Mentor College, Mississauga, ON
Martin Tuchtie, Fenelon Falls S.S., Fenelon Falls, ON

Our congratulations go to all who participated in this year's Pascal, Cayley and Fermat Contests. Because of the 2020 global pandemic, participation in these contests was lower in some parts of the world. Despite this, this year's Contests were resounding successes, with averages of 98.92, 100.17 and 91.87 across the three Contests. The number of eligible contestants with perfect papers on the three Contests were 15, 21 and 26.

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!

Nos félicitations vont à tous les participants du Concours Pascal, Cayley et Fermat de cette année. En raison de la pandémie mondiale de 2020, la participation à ces concours a été plus faible dans certaines régions du monde. Néanmoins, les concours de cette année ont connu un succès retentissant, avec des moyennes de 98,92, 100,17 et 91,87 pour les trois concours. Le nombre de candidats éligibles possédant un concours parfait était de 15, 21 et 26.

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
AB	103	52	49
BC	211	203	207
MB	60	53	53
NB	32	35	33
NL	25	21	20
NS	37	29	28
NT	1	2	1
ON	645	639	636
PE	8	5	5
QC	92	95	94
SK	24	21	22
YT	2	2	2
International	248	256	264
Total	1488	1413	1414

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

	Pascal	Cayley	Fermat
AB	2305	752	615
BC	4055	3392	2670
MB	1207	1032	704
NB	456	424	333
NL	433	294	264
NS	891	583	423
NT	5	6	7
ON	10653	9115	8133
PE	193	48	44
QC	2051	1880	1713
SK	383	265	240
YT	11	10	8
International	5237	4644	4239
Total	27880	22445	19393

Total number of students enrolled / Nombre d'inscriptions individuelles: 69718

**2020 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS
PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2020**

PASCAL CONTEST / CONCOURS PASCAL

STUDENTS / ÉLÈVES

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

	School École	Location Endroit
AARON HUANG	R.C. Palmer S.S.	Richmond, BC
YUREK JANKOWSKI	Gorsebrook Jr. H.S.	Halifax, NS
BRADEN MCEACHERN	A.N. Myer S.S.	Niagara Falls, ON
JONATHAN WU	Marc Garneau C.I.	North York, ON
ANDY YAN		Toronto, ON
BRIAN YAN	Marc Garneau C.I.	North York, ON
JULIAN ZHANG	University of Toronto Schools	Toronto, ON
MIRANDA ZHAO	Marc Garneau C.I.	North York, ON

TEAMS / ÉQUIPES

	School École	Location Endroit	Score Note
Champion / Première	Marc Garneau C.I.	North York	450
Second / Deuxième	University of Toronto Schools	Toronto	438
Third / Troisième	Havergal College	North York	424
	Semiahmoo S.S.	Surrey	424
	William Lyon Mackenzie C.I.	North York	424

**2020 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS
PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2020**

CAYLEY CONTEST / CONCOURS CAYLEY

STUDENTS / ÉLÈVES

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

	School École	Location Endroit
WILLIAM BATE	A.B. Lucas S.S.	London, ON
PHILIP CHAMPEAU	The Woodlands Sec. School	Mississauga, ON
ELIZABETH CHEN	St. Robert C.H.S.	Thornhill, ON
CHINMAY GOKHALE	Sir John A. Macdonald C.I.	Scarborough, ON
WANGSHU JIANG	Sir John A. Macdonald C.I.	Scarborough, ON
EVAN KIM	Earl Haig S.S.	North York, ON
HYUNWOOK LEE	Upper Canada College (Upper School)	Toronto, ON
RYAN MA	The Woodlands Sec. School	Mississauga, ON
GAVIN SONG	Dr. G.W. Williams S.S.	Aurora, ON
JIANGXU WAN	University Hill S.S.	Vancouver, BC
LAWRENCE WU	Upper Canada College (Upper School)	Toronto, ON
KEVIN YAN	R.C. Palmer S.S.	Richmond, BC
LARRY YANG	Monarch Park C.I.	Toronto, ON
TED YOO	Earl Haig S.S.	North York, ON
JOEY ZOU	The Woodlands Sec. School	Mississauga, ON

TEAMS / ÉQUIPES

	School École	Location Endroit	Score Note
Champion / Première	The Woodlands Sec. School	Mississauga	450
Second / Deuxième	Earl Haig S.S.	North York	444
	Upper Canada College (Upper School)	Toronto	444
Fourth / Quatrième	Sir John A. Macdonald C.I.	Scarborough	442
Fifth / Cinquième	Marc Garneau C.I.	North York	428
	St. Robert C.H.S.	Thornhill	428
	University Hill S.S.	Vancouver	428
	William Lyon Mackenzie C.I.	North York	428

**2020 STUDENT CHAMPIONS AND CHAMPIONSHIP TEAMS
PALMARÈS INDIVIDUEL ET PALMARÈS PAR ÉQUIPE 2020**

FERMAT CONTEST / CONCOURS FERMAT

STUDENTS / ÉLÈVES

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

	School École	Location Endroit
ARTHUR BRIGHT	Markville S.S.	Markham, ON
YIHUAN BU	Abbey Park H.S.	Oakville, ON
YIU HIM CHUNG	Seaquam S.S.	Delta, BC
ANDREW DONG	Centennial C. and V.I.	Guelph, ON
THOMAS FRITH	Abbey Park H.S.	Oakville, ON
MICHAEL HAHN	University Hill S.S.	Vancouver, BC
QIAO HUANG	White Oaks S.S.	Oakville, ON
ROSALIND HUANG	Lord Byng S.S.	Vancouver, BC
ALBERT LAI	Pierre Elliott Trudeau H.S.	Markham, ON
ZHENING LI	Sir John A. Macdonald S.S.	Waterloo, ON
ANDREW LIANG	Marc Garneau C.I.	North York, ON
BRADLEY LOUIE	Burnaby Central S.S.	Burnaby, BC
SIMON OU	Bayview S.S.	Richmond Hill, ON
ANNA ROJRATTANACHAI	Moscrop S.S.	Burnaby, BC
VEDAANT SRIVASTAVA	Sir Robert Borden H.S.	Nepean, ON
WILLIAM SZETO	University of Toronto Schools	Toronto, ON
BRIAN WANG	University of Toronto Schools	Toronto, ON
ELON WANG	Old Scona Academic H.S.	Edmonton, AB
JAY WANG	Hugh McRoberts S.S.	Richmond, BC
JENNIFER WANG	University of Toronto Schools	Toronto, ON
ERNEST WONG	St. Robert C.H.S.	Thornhill, ON
HAOZHE YANG	Walter Murray C.I.	Saskatoon, SK
BOHANG YU	Ridley College High School	St Catharines, ON

TEAMS / ÉQUIPES

	School École	Location Endroit	Score Note
Champion / Première	University of Toronto Schools	Toronto	450
Second / Deuxième	Marc Garneau C.I.	North York	436
Third / Troisième	Lord Byng S.S.	Vancouver	433
Fourth / Quatrième	Old Scona Academic H.S.	Edmonton	430
	St. George's School	Vancouver	430

**2020 FERMAT CONTEST REGIONAL CHAMPIONS
CHAMPIONS RÉGIONAUX AU CONCOURS FERMAT 2020**

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
AB	ELON WANG	Old Scona Academic H.S.	Edmonton
BC	YIU HIM CHUNG	Seaquam S.S.	Delta
BC	MICHAEL HAHN	University Hill S.S.	Vancouver
BC	ROSALIND HUANG	Lord Byng S.S.	Vancouver
BC	BRADLEY LOUIE	Burnaby Central S.S.	Burnaby
BC	ANNA ROJRATTANACHAI	Moscrop S.S.	Burnaby
BC	JAY WANG	Hugh McRoberts S.S.	Richmond
MB	VOLODYMYR BIELOV	Miles Macdonell C.I.	Winnipeg
NB	JOONHAN RYU	Harrison Trimble H.S.	Moncton
NB	OWEN WINTERS	Bernice MacNaughton H.S.	Moncton
NL	GRAHAM PIERCEY	Gander Collegiate	Gander
NT	KRIANNA STROWBRIDGE	Ecole Sir John Franklin H.S.	Yellowknife
NS	MARIA MIHAI	Lockview H.S.	Fall River
ON North	ZACHARY SCOLLIE	St. Ignatius H.S.	Thunder Bay
ON East	VEDAANT SRIVASTAVA	Sir Robert Borden H.S.	Nepean
ON Metro	ANDREW LIANG	Marc Garneau C.I.	North York
ON Metro	WILLIAM SZETO	University of Toronto Schools	Toronto
ON Metro	BRIAN WANG	University of Toronto Schools	Toronto
ON Metro	JENNIFER WANG	University of Toronto Schools	Toronto
ON Central	ARTHUR BRIGHT	Markville S.S.	Markham
ON Central	YIHUAN BU	Abbey Park H.S.	Oakville
ON Central	THOMAS FRITH	Abbey Park H.S.	Oakville
ON Central	QIAO HUANG	White Oaks S.S.	Oakville
ON Central	ALBERT LAI	Pierre Elliott Trudeau H.S.	Markham
ON Central	SIMON OU	Bayview S.S.	Richmond Hill
ON Central	ERNEST WONG	St. Robert C.H.S.	Thornhill
ON Central	BOHANG YU	Ridley College High School	St Catharines
ON West	ANDREW DONG	Centennial C. and V.I.	Guelph
ON West	ZHENING LI	Sir John A. Macdonald S.S.	Waterloo
PE	HAO TIAN	Charlottetown Rural H.S.	Charlottetown
QC	BENJAMIN LACASSE	Ecole Secondaire de Saint-Charles	St-Charles-de-Bellechasse
SK	HAOZHE YANG	Walter Murray C.I.	Saskatoon
YT	RAGHVI SHARMA	Vanier Catholic S.S.	Whitehorse

#	Pascal	Cayley	Fermat
1	E	A	B
2	C	D	E
3	C	B	A
4	D	B	A
5	D	E	A
6	E	C	B
7	A	C	B
8	C	A	B
9	C	D	B
10	D	E	C
11	B	A	B
12	C	A	A
13	E	B	C
14	B	A	E
15	A	B	B
16	C	E	E
17	B	B	A
18	D	D	C
19	E	D	B
20	E	E	C
21	D	D	B
22	B	B	A
23	B	C	E
24	E	D	E
25	D	A	B

Number of Contestants / Nombre de concurrents: 22481

Average mark / Note moyenne: 98.92

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

#	Correct Answer/ Bonne Réponse	A	B	C	D	E	% not attempted/ % sans réponse	% correct of attempted % tentatives réussies
1	E	0.32	1.10	0.32	0.04	98.13	0.08	98.21
2	C	0.12	0.83	98.42	0.19	0.38	0.07	98.49
3	C	0.81	1.68	96.03	0.58	0.24	0.65	96.66
4	D	2.44	2.93	0.77	90.82	0.77	2.28	92.94
5	D	0.97	0.34	1.50	96.03	0.31	0.85	96.85
6	E	3.24	3.49	1.99	0.85	89.07	1.36	90.30
7	A	90.89	0.92	1.48	2.10	3.80	0.82	91.64
8	C	0.35	1.06	85.32	1.87	10.63	0.77	85.98
9	C	4.50	5.72	83.17	1.53	1.94	3.15	85.88
10	D	2.80	5.77	3.40	85.79	1.68	0.56	86.27
11	B	0.82	83.46	3.57	1.67	8.02	2.47	85.57
12	C	1.24	3.73	85.45	3.00	2.33	4.26	89.25
13	E	3.71	2.55	4.55	1.59	76.51	11.08	86.04
14	B	6.24	60.45	27.89	1.39	1.37	2.66	62.10
15	A	76.41	13.95	1.48	2.23	0.63	5.30	80.69
16	C	4.49	5.61	73.67	3.37	5.60	7.26	79.44
17	B	9.98	54.42	2.80	19.74	5.84	7.23	58.66
18	D	7.34	6.07	7.30	58.47	3.54	17.28	70.68
19	E	3.75	44.79	7.91	12.73	14.63	16.19	17.46
20	E	5.34	4.12	7.91	9.81	25.73	47.08	48.62
21	D	7.56	27.53	9.23	33.98	6.60	15.10	40.02
22	B	9.01	45.41	8.42	11.78	2.75	22.63	58.69
23	B	12.41	36.92	14.46	6.54	5.51	24.16	48.68
24	E	14.16	8.79	11.58	7.06	7.99	50.41	16.11
25	D	6.38	7.33	7.05	7.10	6.41	65.74	20.72

Number of Contestants / Nombre de concurrents: 17281

Average mark / Note moyenne: 100.17

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

#	Correct Answer/ Bonne Réponse	A	B	C	D	E	% not attempted/ % sans réponse	% correct of attempted % tentatives réussies
1	A	98.42	0.98	0.12	0.13	0.16	0.19	98.61
2	D	0.10	0.80	0.47	98.44	0.09	0.08	98.52
3	B	0.19	98.84	0.26	0.14	0.27	0.30	99.14
4	B	0.93	94.79	0.39	2.82	0.70	0.36	95.13
5	E	1.14	3.40	1.65	1.11	89.10	3.60	92.43
6	C	0.13	1.75	88.52	1.30	7.83	0.47	88.94
7	C	9.46	1.90	80.93	1.82	1.63	4.28	84.55
8	A	84.71	4.06	4.96	2.08	2.41	1.76	86.23
9	D	2.90	4.97	5.16	78.57	3.70	4.69	82.44
10	E	3.96	2.50	4.17	2.08	69.81	17.48	84.60
11	A	97.92	0.53	0.43	0.45	0.31	0.37	98.28
12	A	77.32	3.42	2.62	4.40	1.41	10.83	86.71
13	B	1.33	88.44	4.04	0.95	0.68	4.55	92.66
14	A	78.59	3.06	0.59	14.33	2.23	1.20	79.54
15	B	8.14	75.96	3.94	2.15	1.55	8.26	82.80
16	E	2.14	4.75	5.79	5.30	59.35	22.68	76.76
17	B	1.93	73.09	2.19	10.12	3.12	9.54	80.80
18	D	3.29	1.14	17.52	52.98	1.24	23.83	69.55
19	D	3.51	5.65	7.57	51.76	10.05	21.45	65.89
20	E	6.22	4.88	7.30	5.62	11.16	64.81	31.71
21	D	4.76	8.68	5.26	34.68	3.33	43.29	61.15
22	B	5.95	20.22	10.73	5.71	14.19	43.19	35.59
23	C	4.44	5.30	9.06	6.96	4.47	69.78	29.98
24	D	7.00	6.77	7.67	7.45	6.51	64.59	21.04
25	A	7.94	6.39	8.41	4.17	4.96	68.11	24.90

Number of Contestants / Nombre de concurrents: 14773

Average mark / Note moyenne: 91.87

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

#	Correct Answer/ Bonne Réponse	A	B	C	D	E	% not attempted/ % sans réponse	% correct of attempted % tentatives réussies
1	B	0.29	99.19	0.18	0.09	0.17	0.08	99.27
2	E	0.40	0.53	0.24	0.53	98.04	0.24	98.28
3	A	88.92	2.02	1.73	2.09	2.27	2.97	91.64
4	A	94.61	0.46	0.85	1.05	2.44	0.60	95.18
5	A	98.98	0.30	0.09	0.34	0.07	0.22	99.20
6	B	0.52	89.20	1.89	0.93	6.07	1.39	90.46
7	B	1.41	92.13	0.71	2.11	1.76	1.88	93.90
8	B	0.55	95.83	1.53	0.38	0.41	1.31	97.10
9	B	7.34	80.27	2.52	1.24	1.46	7.17	86.47
10	C	2.97	3.97	51.90	5.60	5.98	29.58	73.70
11	B	0.94	58.08	13.68	12.48	7.47	7.36	62.69
12	A	90.79	2.60	1.37	1.33	0.99	2.92	93.52
13	C	2.33	5.02	60.40	16.67	1.52	14.07	70.29
14	E	37.14	1.41	1.60	4.63	49.75	5.47	52.63
15	B	6.79	69.28	18.09	1.84	1.00	3.00	71.42
16	E	13.58	12.45	3.45	16.53	49.07	4.92	51.61
17	A	51.24	4.93	5.21	11.01	2.92	24.69	68.04
18	C	4.39	12.01	47.81	7.57	3.33	24.90	63.66
19	B	2.00	24.88	12.33	6.75	3.28	50.77	50.54
20	C	4.08	41.50	10.38	4.47	6.10	33.46	15.60
21	B	21.12	38.04	5.42	6.27	4.99	24.16	50.16
22	A	31.78	5.23	8.14	5.08	4.16	45.61	58.43
23	E	7.09	4.91	8.99	12.48	8.12	58.40	19.52
24	E	3.85	6.57	7.01	9.65	6.48	66.44	19.31
25	B	5.24	7.93	13.81	7.33	6.25	59.43	19.55

Student Rankings

Classements des élèves

Score/ Note	Pascal Rank/ Position	Cayley Rank/ Position	Fermat Rank/ Position	Score/ Note	Pascal Rank/ Position	Cayley Rank/ Position	Fermat Rank/ Position
150	1	1	1	99	12146	9783	5216
149				98	12423	10097	5455
148				97	12876	10449	5731
147				96	13205	10726	5989
146		22		95	13658	11053	6307
145	16	24	27	94	13958	11414	6608
144	17	26	28	93	14387	11705	6901
143				92	14672	11965	7191
142	61	48	59	91	15060	12223	7467
141				90	15396	12462	7776
140	108	96	85	89	15723	12739	8050
139	110	100	88	88	16045	13003	8413
138	112	105	92	87	16412	13209	8689
137	231	190	133	86	16668	13410	9005
136	234	192	135	85	16956	13592	9240
135	377	230		84	17220	13794	9518
134	378	231	180	83	17476	14022	9791
133	514	315	213	82	17760	14240	10157
132	532	317	220	81	18003	14414	10411
131	874	591	310	80	18238	14562	10653
130	889	597	315	79	18465	14725	10845
129	1196	697	402	78	18668	14901	11091
128	1218	705	408	77	18885	15060	11332
127	1636	1019	506	76	19109	15172	11600
126	1685	1038	514	75	19305	15274	11784
125	2061	1391	666	74	19478	15385	12006
124	2122	1407	676	73	19653	15510	12201
123	2555	1598	811	72	19798	15634	12384
122	2625	1648	828	71	19975	15744	12591
121	3129	2203	983	70	20131	15845	12776
120	3215	2263	1000	69	20270	15928	12921
119	3795	2790	1230	68	20437	16017	13071
118	3872	2855	1256	67	20575	16121	13206
117	4410	3291	1453	66	20711	16216	13365
116	4562	3418	1489	65	20856	16303	13509
115	5148	3987	1724	64	20956	16378	13625
114	5322	4104	1788	63	21071	16445	13711
113	6060	4639	2106	62	21171	16517	13810
112	6215	4770	2166	61	21244	16572	13905
111	6885	5364	2447	60	21357	16631	13999
110	7082	5567	2554	59	21440	16704	14067
109	7686	6067	2831	58	21519	16745	14121
108	7931	6323	2951	57	21579	16783	14195
107	8629	6843	3264	56	21646	16822	14252
106	8877	7084	3402	55	21723	16855	14311
105	9555	7610	3702	54	21784	16893	14363
104	9776	7873	3842	53	21841	16920	14402
103	10363	8312	4153	52	21896	16955	14427
102	10685	8640	4354	51	21954	16989	14455
101	11301	9079	4657	50	21996	17016	14497
100	11586	9412	4890	49	22046	17052	14532

Score/ Note	Pascal Rank/ Position	Cayley Rank/ Position	Fermat Rank/ Position
48	22096	17074	14551
47	22127	17094	14569
46	22163	17117	14597
45	22189	17131	14625
44	22223	17156	14647
43	22255	17164	14658
42	22283	17179	14667
41	22297	17187	14685
40	22329	17199	14703
39	22345	17205	14717
38	22354	17213	14723
37	22367	17222	14728
36	22383	17236	14729
35	22394	17241	14735
34	22407	17243	14737
33	22416	17248	14741
32	22425	17251	14744
31	22430	17257	
30	22438	17264	14745
29	22444	17265	14750
28	22448	17266	14754
27	22455	17267	
26	22461	17269	14756
25	22465	17271	14758
24	22470		14760
23		17273	14761
22	22471	17274	
21	22474		14766
20	22477		14767
19			
18		17275	
17	22480		
16		17278	
15			
14		17279	
13			
12			14768
11		17280	14769
10			

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

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

Scores/ Notes	Pascal # of Schools/ N° d'écoles	Cayley # of Schools/ N° d'écoles	Fermat # of Schools/ N° d'écoles
440 - 450	2	5	1
430 - 439	2	0	6
420 - 429	12	11	10
410 - 419	28	26	11
400 - 409	55	22	19
390 - 399	73	56	20
380 - 389	96	67	37
370 - 379	102	92	47
360 - 369	120	90	56
350 - 359	108	117	55
340 - 349	88	96	83
330 - 339	79	101	72
320 - 329	67	81	75
310 - 319	49	53	78
300 - 309	42	42	71

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

Pascal Contest / Concours Pascal: 1004

Cayley Contest / Concours Cayley: 944

Fermat Contest / Concours Fermat: 926



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2020
Results

2020
Résultats

Pascal Contest
(Grade 9)

Concours Pascal
(9^e année – Sec. III)

Cayley Contest
(Grade 10)

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

Fermat Contest
(Grade 11)

Concours Fermat
(11^e année – Sec. V)

Pascal Contest Honour Rolls
Palmarès pour le concours Pascal

2020
Pascal Contest/Concours Pascal
Team Honour Rolls/Palmarès d'équipes

Rank/Rang	School/École	City/Ville	Score/Note
1	Marc Garneau C.I.	North York	450
2	University of Toronto Schools	Toronto	438
3	Havergal College	North York	424
3	Semiahmoo S.S.	Surrey	424
3	William Lyon Mackenzie C.I.	North York	424
6	St. George's School	Vancouver	422
6	Waterloo C.I.	Waterloo	422
8	Kitchener-Waterloo Bilingual School	Waterloo	421
8	Port Moody Sr. S.S.	Port Moody	421
10	St. Robert C.H.S.	Thornhill	420
10	The Renert School	Calgary	420
12	Bayview S.S.	Richmond Hill	419
13	Bell H.S.	Nepean	418
13	Bloor C.I.	Toronto	418
13	Mulgrave School	West Vancouver	418
13	Upper Canada College (Upper School)	Toronto	418
17	Queen Elizabeth H.S.	Calgary	416
18	Bayview Glen School	Toronto	414
18	College Jean de Brebeuf	Montreal	414
18	Eric Hamber S.S.	Vancouver	414
18	R.C. Palmer S.S.	Richmond	414
18	St. Francis Xavier S.S.	Mississauga	414
18	The Woodlands Sec. School	Mississauga	414
18	Westmount Charter School HS	Calgary	414
25	Markville S.S.	Markham	413
26	Moscrop S.S.	Burnaby	412
26	Vincent Massey S.S.	Windsor	412
26	White Oaks S.S.	Oakville	412
29	Bluevale C.I.	Waterloo	410
29	Colonel By S.S.	Gloucester	410
29	St. John's-Ravenscourt School	Winnipeg	410
29	Steveston London S.S.	Richmond	410
29	University Transition Program	Vancouver	410
29	Vernon Barford School	Edmonton	410
29	Victoria Park C.I.	North York	410
36	Lisgar C.I.	Ottawa	409
37	A.N. Myer S.S.	Niagara Falls	408
37	Crescent School	North York	408
37	E.S. Mont-Royal	Mont-Royal	408
37	Milliken Mills H.S.	Markham	408
37	Monarch Park C.I.	Toronto	408
37	Oakville Trafalgar H.S.	Oakville	408
37	Richmond Hill H.S.	Richmond Hill	408
37	Westmount S.S.	Hamilton	408
37	Yeshiva Yesodei Hatorah	North York	408
46	Gorsebrook Jr. H.S.	Halifax	407
46	Martingrove C.I.	Etobicoke	407
48	College Jean Eudes	Montreal	406
48	Earl Haig S.S.	North York	406
48	Langstaff S.S.	Richmond Hill	406
48	Luther College	Regina	406
48	Walter Murray C.I.	Saskatoon	406

2020
Pascal Contest/Concours Pascal
Student Honour Roll/Palmarès d'étudiants

Name/Nom		School/École	Location/Endroit	Grade/Niveau
Group I/Groupe I		Scores/Notes 150 - 146		
HUANG	AARON	R.C. Palmer S.S.	Richmond	9
JANKOWSKI	YUREK	Gorsebrook Jr. H.S.	Halifax	9
MCEACHERN	BRADEN	A.N. Myer S.S.	Niagara Falls	9
WU	JONATHAN	Marc Garneau C.I.	North York	9
YAN	ANDY		Toronto	9
YAN	BRIAN	Marc Garneau C.I.	North York	9
ZHANG	JULIAN	University of Toronto Schools	Toronto	8
ZHAO	MIRANDA	Marc Garneau C.I.	North York	9

Group II/Groupe II		Scores/Notes 145 - 143		
ADULFO	VANESSE	Blessed Cardinal Newman C.H.S	Scarborough	9
BAKAN	SIMON	William Lyon Mackenzie C.I.	North York	9
BASU	DHRUV	Lisgar C.I.	Ottawa	9
BOUGADIS	JOSHUA	Upper Canada College (Upper Sc	Toronto	9
CHAN	AVERY	Richmond Hill H.S.	Richmond Hill	9
CHEN	EDWARD	Port Moody Sr. S.S.	Port Moody	9
CHEN	EDWIN	Kitchener-Waterloo Bilingual S	Waterloo	8
CHEN	SIQI	Marc Garneau C.I.	North York	9
CHUNG	JOSHUA	Langstaff S.S.	Richmond Hill	9
DANAIE	KOUROSH	Langstaff S.S.	Richmond Hill	9
DE MEY	JULIETTE	Kitchener-Waterloo Bilingual S	Waterloo	8
GEE	MICHAEL	Bayview Glen School	Toronto	9
GUO	TYLER	St. Augustine C.H.S.	Markham	9
HO	KRISTIE	Havergal College	North York	9
JAIN	SAACHI	University of Toronto Schools	Toronto	8
KOTHARI	YASH	Port Credit S.S.	Mississauga	9
LIU	ALICE	Arthur A. Leach School	Winnipeg	9
LIU	JIANUO	Meadowridge School	Maple Ridge	8
LU	BRAYDEN	Port Moody Sr. S.S.	Port Moody	9
LU	EVAN	Vincent Massey S.S.	Windsor	9
LUO	REBECCA	St. Robert C.H.S.	Thornhill	9
MARTIN	NATHAN	Westmount S.S.	Hamilton	9
MEHTADHAND	SHIVA	The Renert School	Calgary	8
NG	NICHOLAS		Markham	8
NING	ERIC		North York	8
RAO	ROGER	Steveston London S.S.	Richmond	9
TIAN	DONGLI	Mulgrave School	West Vancouver	9
TON	PETER	Martingrove C.I.	Etobicoke	9
WANG	EDWIN	University of Toronto Schools	Toronto	8
WANG	MATTHEW	Semiahmoo S.S.	Surrey	8
WEN	YE	St. George's School	Vancouver	9
WU	ERIKA	Dr. G.W. Williams S.S	Aurora	9
XIAO	MELISSA	Queen Elizabeth H.S.	Calgary	8
YONG	EDMUND	Bayview S.S.	Richmond Hill	9
ZHANG	ANDY		North York	8

2020
Pascal Contest/Concours Pascal
Student Honour Roll/Palmarès d'étudiants

Group III/Groupe III

Scores/Notes 142 - 141

BENDEL	AVRAHAM	Yeshiva Yesodei Hatorah	North York	8
CHANG	KHARIS	Webber Academy	Calgary	8
CHAU	MATTHEW	Notre Dame S.S.	Brampton	9
CHEN	JOHNNIE	The Renert School	Calgary	8
CHEN	PATRICK		Toronto	8
CHOI	JOSHUA	Marc Garneau C.I.	North York	9
COMAS LEON	ALEJANDRO	Bloor C.I.	Toronto	9
DI	JERRY		Toronto	9
FRITSCH	ALEXANDER	St. David C.S.S.	Waterloo	9
GONEN	YUVAL	Gray Academy	Winnipeg	9
GORODZINSKY	AMI	Com. Hebrew Academy of Toronto	Toronto	9
HUANG	YICHEN	Westdale S.S.	Hamilton	9
JIANG	CARRIE	Marc Garneau C.I.	North York	9
LI	ALLAN	Marc Garneau C.I.	North York	9
LI	ERIC	Marc Garneau C.I.	North York	9
LI	SAMUEL	Mount Douglas S.S.	Victoria	9
LIN	GLEN		Markham	8
LIN	RALLY	University of Toronto Schools	Toronto	9
LIU	EMILY QINGLE	Marc Garneau C.I.	North York	9
LIU	TONY	Bluevale C.I.	Waterloo	9
LONG	ZHOU	Westmount Charter School HS	Calgary	8
LU	ZEWIDAVID	Semiahmoo S.S.	Surrey	9
QIU	JEFFERY	Waterloo C.I.	Waterloo	9
ROZSA	BALINT		Toronto	8
SHARIFF	ALY	College Jean de Brebeuf	Montreal	9
SHEN	SHAWN	Luther College	Regina	9
SUN	JINGKUN	William Lyon Mackenzie C.I.	North York	9
SUN	KIRAN	St. George's School	Vancouver	8
THERIAULT	JUSTIN	College St. Alexandre	Gatineau	9
WANG	JERRY		Vancouver	8
WANG	KEVIN	The Woodlands Sec. School	Mississauga	9
WASILISHIN	RYAN	Pickering H.S.	Ajax	9
WEIS	ALLON	Waterloo C.I.	Waterloo	9
XU	ZHIHAO	Bell H.S.	Nepean	9
YALIKUN	NAFEISHA	Michael Power-St Joseph	Etobicoke	9
ZHANG	KEVIN	St. Francis Xavier S.S.	Mississauga	9
ZHANG	OLIVIA	Havergal College	North York	9
ZHOU	JIA YU		Vancouver	8

Group IV/Groupe IV

Scores/Notes 140 - 138

BARNA	STEFAN		Toronto	9
BLEWETT	ERIN	Barrie North C.I.	Barrie	9
BRANEY	PAIGE	Laurentian Reg. H.S.	Lachute	9
BREADNER	NATHAN	St. Francis Xavier	Gloucester	9
BREKER	ELI	Esquimalt High School	Victoria	9
BUI	TOMMY	York Memorial C.I.	Etobicoke	9
BUTCHART	KEVIN	Prince Of Wales Mini School	Vancouver	9
CAI	ALEX	John Dearness P.S.	London	8
CAI	COLIN		Toronto	8
CHAKRABORTY	ADITYA	Semiahmoo S.S.	Surrey	9
CHAN	GILBERT	Walter Murray C.I.	Saskatoon	9

2020
Pascal Contest/Concours Pascal
Student Honour Roll/Palmarès d'étudiants

Group IV/Groupe IV

Scores/Notes 140 - 138

CHEN	AUDRIC	Magee S.S.	Vancouver	9
CHIAM	ARIEL	Brentwood College School	Mill Bay	9
CHIAO	JOSEPH	Centennial S.S.	Coquitlam	9
CHUNXI	HAN		Vancouver	8
CULMONE	YIANNI	Chaminade College	North York	9
DARIE	ALEXANDRU		Toronto	9
DING	ANNIE	Stratford School	Edmonton	9
DING	RUO YAN	Earl of March S.S.	Kanata	9
DSOUZA	CHANEL	Resurrection C.S.S.	Kitchener	9
DUPLESSIS	JACOB	Hillfield-Strathallan Coll. H.	Hamilton	9
FAN	ALEX	Victoria Park C.I.	North York	9
GAO	WILLIAM	Colonel By S.S.	Gloucester	9
GOEL	NITYA	Seaquam S.S.	Delta	9
GOODRUM	SAMUEL	Windsor S.S.	North Vancouver	9
GORTBARRY	JULIAN	E.S.C Pere Philippe Lamarche	Scarborough	9
GU	ALEC	White Oaks S.S.	Oakville	9
HALL	ARTURO	FACE	Montreal	9
HAN	EMILY	St. John's School	Vancouver	9
HANNESSON	MATTHIAS	Nanaimo D.S.S.	Nanaimo	9
HONG	SIJIA	Havergal College	North York	9
HU	JEFFERY	William Lyon Mackenzie C.I.	North York	9
HU	YANG	Havergal College	North York	9
HUANG	ANGELA	John Fraser S.S.	Mississauga	9
HUANG	KAI	Moscrop S.S.	Burnaby	9
HUM	COLIN	Monarch Park C.I.	Toronto	9
INGRAM	MITCHELL	Sir John A. Macdonald S.S.	Waterloo	9
JI	XINTONG	Lord Byng S.S.	Vancouver	9
JIANG	DANIEL	Vernon Barford School	Edmonton	9
JIANG	DAVID	Pierre Elliott Trudeau H.S.	Markham	9
JU	WAYNE	Milliken Mills H.S.	Markham	9
KAMPHUIS	ALEXANDRA	Cardinal Newman C.S.S.	Stoney Creek	9
KHOT	ZANIR	King City S.S.	King City	9
KIM	PHILLIP	Burlington Central H.S.	Burlington	9
LEE	ALLISON	Eric Hamber S.S.	Vancouver	8
LEUNG	AMBER	Alpha S.S.	Burnaby	9
LI	ANDREI	Monarch Park C.I.	Toronto	9
LI	EVAN	Dr. Norman Bethune C.I.	Scarborough	9
LI	GLORIA	St. Robert C.H.S.	Thornhill	9
LI	RICHARD	Milliken Mills H.S.	Markham	9
LI	WILLIAM	Sir Winston Churchill S.S.	Vancouver	9
LIAO	ILIAS	Bell H.S.	Nepean	9
LIN	MORGAN	St. Robert C.H.S.	Thornhill	9
LIU	BEN	Alexander Mackenzie H.S.	Richmond Hill	9
LIU	HAOYANG	College Jean Eudes	Montreal	9
LIU	JASMINE	White Oaks S.S.	Oakville	9
LIU	YIDING	David Thompson S.S.	Vancouver	9
LUO	JUNZHANG	Newton's Grove School	Mississauga	9
LUPIEN	ARMAND	Academie Ste-Therese	Ste-Therese	9
MANAFI KHOSROSHAHI	ARTIN	Mulgrave School	West Vancouver	9
MARSHALL	RYAN	St. John's-Ravenscourt School	Winnipeg	9
MCLEAN	OLIVER	Royal St. George's College	Toronto	9
MENEZES	NATHAN	Port Credit S.S.	Mississauga	9

2020
Pascal Contest/Concours Pascal
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Group IV/Groupe IV

Scores/Notes 140 - 138

NAIR	RISHI	University of Toronto Schools	Toronto	9
NAKAYASU	SHUTO	Oxford School	Halifax	9
NELSON	AIDAN	Owen Sound D.S.S.	Owen Sound	9
PAGE	MADISON	E.S. Grande Riviere	Aylmer	9
PAN	KANE	Burnaby North S.S.	Burnaby	8
PAN	STEPHEN	Eric Hamber S.S.	Vancouver	9
PANG	ZIQING		North York	8
PETERSEN	ERIC	University Transition Program	Vancouver	8
QI	LUCY	Marc Garneau C.I.	North York	9
QIN	FELIX	Bayview S.S.	Richmond Hill	9
QUAN	ANDREW	Burlington Central H.S.	Burlington	9
RAMPERSAUD	NISHANT	Fraser Heights S.S.	Surrey	8
RASHID COCKE	ETHAN	Bloor C.I.	Toronto	9
RUDOLPH	ALANNA	Eric Hamber S.S.	Vancouver	9
SELLARS	GAVIN	Upper Canada College (Upper Sc	Toronto	9
SHEN	AILSAS	Queen Elizabeth H.S.	Calgary	8
SHI	EMILY		Mississauga	9
SONG	MAGGIE	Bloor C.I.	Toronto	9
SONG	MAX	Westmount Charter School HS	Calgary	9
SPAGNOLO	RYAN	North Toronto C.I.	Toronto	9
STOICA	PAUL	Father Bressani C.H.S.	Woodbridge	9
SUN	EMMA	Loyalist C. and V.I.	Kingston	9
THOTTUNGAL	WILLIAMS	Colonel By S.S.	Gloucester	9
TONG	GREGORY	Bayview Glen School	Toronto	9
VARMA	MANAV	Bur Oak S.S.	Markham	9
WEST	DORIAN	Northview Heights S.S.	North York	9
WONG	JAYDEN	Markville S.S.	Markham	9
WOOLLEY	JACK	Riverdale C.I.	Toronto	9
WRIGHT	SAWYER	Humberside C.I.	Toronto	9
XU	DQNNY	Carihi S.S.	Campbell River	9
YAJIMA	KASUMI	Waterloo C.I.	Waterloo	9
YANG	JINA	Markville S.S.	Markham	9
YANG	MICHAEL		North York	8
YANG	TOM	Oakville Trafalgar H.S.	Oakville	9
YE	PETER	William Lyon Mackenzie C.I.	North York	9
YICHEN	WANG	E.S. Mont-Royal	Mont-Royal	9
ZHANG	JINWEN	Lower Canada College	Montreal	9
ZHANG	OLIVER	Bell H.S.	Nepean	9
ZHAO	EMILY	Queen Charlotte Interm. School	Charlottetown	9
ZHENG	JOSHUA	Acadia Jr. H.S.	Winnipeg	8
ZHENG	SAMUEL	Moscrop S.S.	Burnaby	9

Group V/Groupe V

Scores/Notes 137 - 136

ALESKER	EVON	St. Theresa of Lisieux C.H.S.	Richmond Hill	9
BANG	ADITYA	White Oaks S.S.	Oakville	9
CAI	BENNY	St. Michael's Univ. School	Victoria	9
CHEN	ADAM	William Lyon Mackenzie C.I.	North York	9
CHEN	HECTOR	Marc Garneau C.I.	North York	9
CHEN	MUXI	Walter Murray C.I.	Saskatoon	8
CHEN	RICHARD	St. George's School	Vancouver	9
CHEN	RYAN	Earl Haig S.S.	North York	9

2020
Pascal Contest/Concours Pascal
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Group V/Groupe V

Scores/Notes 137 - 136

CHHABRA	RITIKA	Trafalgar Castle School	Whitby	8
CHUNG	JAEHYUNG	Rosemount H.S.	Montreal	9
DELLA ROCCA	MASSIMO	Royal West Academy	Montreal-Ouest	9
DENG	RYAN		Markham	8
DING	QI XUAN		Calgary	8
DIXIT	SAANVI	Glenforest S.S.	Mississauga	9
DUANMU	BORUI	Bayview S.S.	Richmond Hill	9
EISENBERG	LUCAS	Madrona School Society	Vancouver	7
ENYINNAYA OKIDI	CHINENYE	Miller Comp. H.S.	Regina	9
FU	FAN		Toronto	8
FU	SIMING	St. Michael's Univ. School	Victoria	9
GAO	LAURA LANRUO	Marc Garneau C.I.	North York	9
GAVRILOV	MARIA	Academy for Gifted Children-PA	Richmond Hill	8
GREEN	MORDECHAI	Yeshiva Yesodei Hatorah	North York	8
GUI	COREY	Pickering H.S.	Ajax	9
HAN	WINSTON	Tom Baines School	Calgary	9
HARDING	JOSHUA	St. John's-Ravenscourt School	Winnipeg	9
HE	ENOCH	Marc Garneau C.I.	North York	9
HOTOPELEANU	NICHOLAS	Holy Trinity C.S.S.	Oakville	9
HU	YUEHAN	Bayview S.S.	Richmond Hill	9
HUA	ANDREW	Upper Canada College (Upper Sc	Toronto	8
HUOT	ISABEL	Marc Garneau C.I.	North York	9
ILIE	JUSTIN	Markham District H.S.	Markham	9
JEYAKUMAR	KARUSHAN	Victoria Park C.I.	North York	9
JIANG	CHRISTINA	York Mills C.I.	North York	9
JIN	KELLY	R.A. McMath S.S.	Richmond	9
JIN	MAX	Newmarket H.S.	Newmarket	9
JO	HYEJEONG	Rosemount H.S.	Montreal	9
JUNG	DAVID	W.H. Morden School	Oakville	9
KUMAR	KAVIN	Dr. J.M. Denison S.S.	Newmarket	9
LAFRANCE	SIMON	College Jean Eudes	Montreal	9
LEI	YANYU	St. John's-Ravenscourt School	Winnipeg	9
LI	CHENGTAI	Crescent School	North York	8
LI	DEREK	St. George's Junior School	Vancouver	8
LI	HAOLIN	Crescent School	North York	9
LI	PEISONG		Markham	8
LI	SELINA	Trafalgar Castle School	Whitby	9
LI	ZANDER		Toronto	8
LIANG	JEREMY	William Lyon Mackenzie C.I.	North York	9
LIANG	YUK SHING	Mentor College	Mississauga	9
LIU	JOHN	Markville S.S.	Markham	9
LIU	JORDAN	St. George's School	Vancouver	9
LO	KIERNAN	Mulgrave School	West Vancouver	9
LORENTZ	LIAM	Sir John A. Macdonald S.S.	Waterloo	9
LYONS	FELIX	Sentinel S.S.	West Vancouver	9
LYU	YUNZHAO	Halifax Grammar School	Halifax	8
MA	EMILY	Academy for Gifted Children-PA	Richmond Hill	8
MAK	MATTHEW	Bayview S.S.	Richmond Hill	9
MARTYNOV	ALEXANDER	University of Toronto Schools	Toronto	8
MATTE	JEREMY	E.S. Francois-Bourrin	Quebec	9
MITULESCU	DARIE	Crescent School	North York	8
NAIK	ROHAN	Oakville Trafalgar H.S.	Oakville	9

2020
Pascal Contest/Concours Pascal
Student Honour Roll/Palmarès d'étudiants

Group V/Groupe V

Scores/Notes 137 - 136

NGUYEN	MINH	Bernice MacNaughton H.S.	Moncton	9
PAN	MELODY	St. Robert C.H.S.	Thornhill	9
PHILLIPS	KRISTA	Ecole aux Quatre Vents	Dalhousie	9
PLASSERY	SHAUN	Kenner Intermediate School and	Peterborough	9
PRODAN	CHRIS	University of Toronto Schools	Toronto	8
PUFF	HANNAH	Univ. of Winnipeg C.	Winnipeg	9
QIN	HANSON	Moscrop S.S.	Burnaby	8
QUAN	EMILY	Havergal College	North York	9
REN	GRANT	The Woodlands Sec. School	Mississauga	9
REN	KEREN		Surrey	8
REN	OLIVIER	College Jean de Brebeuf	Montreal	9
RIEG	MARKUS	Holy Cross C.S.S.	Strathroy	9
SHI	YVONNE	Vincent Massey S.S.	Windsor	9
STONE	LEWIS	Merivale H.S.	Nepean	9
SUN	VINCENT	Iroquois Ridge H.S.	Oakville	9
TAM	KIRSTEN	St. Robert C.H.S.	Thornhill	9
TONG	AMY	University Transition Program	Vancouver	8
UNGA	ANTHONY		Mississauga	9
WANG	BRIAN	Eric Hamber S.S.	Vancouver	9
WANG	BRUCE	Heritage Woods Secondary	Port Moody	8
WANG	ERIC	Marc Garneau C.I.	North York	9
WANG	JASPER	St. Francis Xavier S.S.	Mississauga	9
WANG	KEVIN	University Transition Program	Vancouver	9
WANG	MILLER	Victoria Park C.I.	North York	9
WANG	STEVEN		North York	9
WANG	YIZHOU	College Jean de Brebeuf	Montreal	9
WANG	YUQI	Acadia Jr. H.S.	Winnipeg	9
WEI	KATRINA	Eric Hamber S.S.	Vancouver	9
WU	ALLYSON	Marc Garneau C.I.	North York	9
WU	DANIEL	Bluevale C.I.	Waterloo	9
X	CHENAN	BrightMinds Online School	Markham	9
XIANG	HARRY	William Lyon Mackenzie C.I.	North York	9
XIANG	JIAHE	Shawnigan Lake School	Shawnigan Lake	9
XU	FANGRUI		Montreal	8
XU	JOANNA	Vernon Barford School	Edmonton	9
YAN	RAN	McCanny Secondary School	Scarborough	9
YANG	CHENG YI	The Woodlands Sec. School	Mississauga	9
YANG	MINCHEL	Bell H.S.	Nepean	9
YANG	SHARON	Semiahmoo S.S.	Surrey	9
YANG	SUNNY	College Jean de Brebeuf	Montreal	9
YIN	HELEN	Bayview S.S.	Richmond Hill	9
ZENG	ZIHAN		Markham	8
ZHAN	KEVIN		North York	8
ZHANG	ALEX	Semiahmoo S.S.	Surrey	9
ZHANG	ERIK	Riverbend Junior High School	Edmonton	8
ZHANG	JINGZHE		Surrey	9
ZHANG	KENNY		Markham	8
ZHANG	OWEN	St. Francis Xavier S.S.	Mississauga	9
ZHANG	TONY	Marc Garneau C.I.	North York	9
ZHANG	WILLIAM	St. Andrew's College	Aurora	9
ZHANG	ZITONG	E.S. Mont-Royal	Mont-Royal	9
ZHENG	DAVID	University of Toronto Schools	Toronto	9

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Group V/Groupe V

Scores/Notes 137 - 136

ZHENG	MAGGIE	Earl Haig S.S.	North York	9
ZHOU	RAY	St. George's School	Vancouver	9
ZHOU	TIANYI		North York	8
ZHU	ALLIE	Bayview S.S.	Richmond Hill	9
ZHU	GARY	Sir Frederick Banting S.S.	London	9
ZHUANG	MUYANG	St. Malachy's Memorial High Sc	Saint John	9

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International

Rank/Rang	School/École	City/Ville	Score/Note
1	The Koc School	Istanbul	442
2	ICAE	Troy	430
3	Riga State Gymnasium No 1	Riga	424
4	Philippine Science High School	Quezon City	422
5	Kultur Science High School	Istanbul	420
6	Private Bilfen Kayseri H.S.	Melikgazi/Ildem	418
7	Sega Math Academy	Cupertino	412
8	Izmir Bahcesehir High School for Science	Izmir	411
8	Transitions Lab Prep School	Thiruvananthapuram	411
10	Dhahran Middle School (Saudi Aramco Scho	Dhahran	408
11	Metu DF High School - Ankara	Ankara	406
12	American Collegiate Institute	Izmir	404
13	Kultur2000 College	Buyukcekmece/Istanbul	400
13	Raha International School	Abu Dhabi	400
13	Tarsus American College	Tarsus/Mersin	400
16	Utpal Shanghvi Global School	Mumbai	399
17	MEF Schools - Bahcesehir Campus	Istanbul	398
18	Tanglin Trust School	Singapore	396
19	Int'l School of Brussels	Brussels	394
19	Private Bilfen Cayyolu Science H.S.	Ankara	394
19	Sukromna spojená škola British Internati	Bratislava	394
22	Ozel Edirne Bahcesehir Fen Lisesi	Edirne	393
22	Raffles International Christian School	Jakarta Selatan	393
24	IGB Int'l School	Sungai Buloh	392
25	Bahcesehir Eskisehir College	Eskisehir	390
25	TVO Ozel Sisli Terakki Tepeoren Anadolu	Istanbul	390
27	Singapore National Academy	Sidoarjo	388
28	Jerudong Int'l Sch.	Bandar Seri Bagawan	387
28	Young Mathematician Association	Tehran	387
30	D.G. Khetan International School	Mumbai	386
30	Itu Gvo Ekrem Elginkan H.S.	Istanbul	386
30	K. International School Tokyo	Tokyo	386
33	Sinarmas World Academy	BSD City	385
34	Edison Regional Gifted Center	Chicago	384
34	ITU GELISTIRME VAKFI OKULLARI	IZMIR	384
34	Indian Language School	Lagos	384
37	SIMETRI	Tangerang	382
38	American School of Barcelona	Barcelona	381
39	DMS STEMIC ACADEMICS	DHAHRAN	380
39	Indus International School Bangalore	Bangalore	380
39	Oxbridge Academy	Baku	380
39	Step By Step School	Noida	380
43	St. Josephs Institute Int'l School Malay	Petaling Jaya	379
44	Creative Academy for Excellence Michigan	Plymouth	378
44	IZMIR OZEL TURK FEN LISESI	IZMIR	378
44	Yesilkoy Anatolian High School	Bakirkoy/istanbul	378
47	FMV Ozel Ayazaga Isik Lisesi	Istanbul	376
47	Indian School Al Ghubra	Muscat Sultanate of Oman	376
47	NIST International School	Bangkok	376
47	Ozel Ege Lisesi	Bornova Izmir	376

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International

Group III/Groupe III

Scores/Notes 139 - 135

GOKCAYIR	HASAN	NUN SCHOOLS	Istanbul	9
GREBNEV	BOGDAN	Riga State Gymnasium No 1	Riga	9
GULER	KAAN	Kultur Science High School	Istanbul	9
GURES	CAN	Terakki Foundation Schools	Istanbul	9
HE	DAVID	ICAE	Troy	8
JAEYI	KIM	Sinarmas World Academy	BSD City	8
JAMSARI	AHMAD	Jerudong Int'l Sch.	Bandar Seri Bagawan	9
JONATHAN	BRAND ON	Raffles International Christia	Jakarta Selatan	9
JOSHI	OM	ICAE	Troy	9
KACAR	ARDA NOYAN	Metu DF High School - Ankara	Ankara	9
KARAKAS	BARISCAN	Kultur Science High School	Istanbul	9
KARAMERCAN	EREN	Private Bilfen Kayseri H.S.	Melikgazi/Ildem	9
KARATAS	KAMIL	Private Technical Schools	Kocaeli	9
KEU	QI JING	IGB Int'l School	Sungai Buloh	9
KIM	SEAN	PEN Education	Old Tappan	9
KORKMAZ	NIL	Tarsus American College	Tarsus/Mersin	9
KOZ	SELAHATTIN	Ozel Edirne Bahcesehir Fen Lis	Edirne	9
ORHANEDDIN	IDIL	Izmir Bahcesehir High School f	Izmir	9
OUYANG	SHUAIYAN	Int'l School of Geneva (S.S.)	Geneva	9
PAWLICKI	BRENDAN	ICAE	Troy	8
POLAPRAGADA	PRANAV	ICAE	Troy	8
SAHIN	CEREN	Private Technical Schools	Kocaeli	9
SERT	YAVUZ SELIM	Izmir Bahcesehir High School f	Izmir	9
SHAH	YUG	ICAE	Troy	8
TEKIN	CAGATAY	American Collegiate Institute	Izmir	9
VEGA URIOSTEGUI	JUAN MANUEL	Dhahran Middle School (Saudi A	Dhahran	9
WIRATNO	BRYCE	SIMETRI	Tangerang	8
YALMAN	SINAN	Aci H.S. and Aci Primary Schoo	Istanbul	9
YESILTAS	UTKAN	Private Bilfen Kayseri H.S.	Melikgazi/Ildem	9
YILMAZER	BORA	Tarsus American College	Tarsus/Mersin	9

Group IV/Groupe IV

Scores/Notes 134 - 131

ABUSSAUD	AHMED	Dhahran British Grammar School	Al-Khobar	9
ADNANI	KAVISH		Mumbai	9
AKTEPE	ONUR	Izmir Ozel Bornova Turk Ortaok	Izmir	9
ALKEIM	TABARAK	ABA - An IB World School	Muscat	9
AONUMA	HUGO	Canadian Int'l School	Tokyo	9
ARABACI	SELIM	Odtu G.V. Ozel Denizli Ilkogre	Denizli	9
ARI	AYBARS	American Collegiate Institute	Izmir	9
ATISELE	UDOCHI	Dhahran Middle School (Saudi A	Dhahran	9
AZIMLI	AZIM	Oxbridge Academy	Baku	9
BAYA	RUSHIL	Tanglin Trust School	Singapore	8
BELAIRE	CARSON	Dhahran Middle School (Saudi A	Dhahran	9
BIRDIR	EREN DOGA	Private Bilfen Cayyolu Science	Ankara	9
BOYACI	YUKSEL EGE	Izmir Bahcesehir High School f	Izmir	9
CAKIR	MEHMET	The Koc School	Istanbul	9
CARMODY	DYLAN	Int'l School of Brussels	Brussels	9
CELIK	AYSEL BERRE	Private Technical Schools	Kocaeli	9
CHERNOV	MYKHAYLL	Sukromna spojena skola British	Bratislava	9
COLLINS	DREW	Dhahran Middle School (Saudi A	Dhahran	9
DAGLI	EMRE EFE	The Koc School	Istanbul	9

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Group IV/Groupe IV

Scores/Notes 134 - 131

DE VERA	GAB ENZO	Philippine Science High School	Quezon City	8
DE VERA	HANS GABRIEL	Philippine Science High School	Quezon City	8
DESAI	ARYAV	Sega Math Academy	Cupertino	9
DUMLU	ECEM	Private Bilfen Anatolian H.S.	Uskudar Istanbul	9
ERDEN	TOPRAK	Kultur2000 College	Buyukcekmece/Istanbu	9
ERYILMAZ	ERTUG	Metu DF High School - Ankara	Ankara	9
FENG	AUSTIN	ICAE	Troy	9
FUJISHIRO	MAMIKO	Fukuoka International School	Fukuoka	9
GENCTURK	BERKIN	Izmir Bahcesehir High School f	Izmir	9
GODINEZ	ANTON XAVIER	Philippine Science High School	Quezon City	8
GONG	JIAXUAN	ICAE	Troy	8
GUNES	ESLEM	Ozel Kocaeli Bahceshir Andolu	Kosekoy	9
HARTONO	RAYNALDO	Singapore National Academy	Sidoarjo	9
HEBBAR	SRIRAAM	ICAE	Troy	8
JAMAL	ISMAIL	Karachi Grammar School	Karachi	9
KASSEM	MARYAM	Doha College	Doha	9
KAYNAR	NISAN	Ozel Ege Lisesi	Bornova Izmir	9
KENI	BERKEN	Izmir Bahcesehir High School f	Izmir	9
KESHAN	PIYUSH	Indian Language School	Lagos	9
KETENCI	ALPER	Itu Gvo Ekrem Elginkan H.S.	Istanbul	9
KHAN	ZAYAN	British Overseas School Associ	Karachi	9
KHARE	TANISHA	ICAE	Troy	9
KHATOR	NANDIKA	Indian Language School	Lagos	9
KIMWELL	ATHENA	Philippine Science High School	Quezon City	8
KUDO	ANHONG	Int'l School of Brussels	Brussels	9
KURBAN	YASIR	Private Technical Schools	Kocaeli	9
LAPLAGNE	NICOLAS	Tanglin Trust School	Singapore	9
LEE	SOO HYUN	PEN Education	Old Tappan	9
MAH	ALVIN	Dahran Middle School (Saudi A	Dahran	9
MAVIS	ELIF	The Koc School	Istanbul	9
MEHTA	YASH	Utpal Shanghvi Global School	Mumbai	9
MERT	SELIN	Uskudar American Academy	Istanbul	9
MINOCHA	RANBIR		Mumbai	9
NALCAKAN	GOKTUG	Kultur2000 College	Buyukcekmece/Istanbu	9
NARAYAN	HARISH	ICAE	Troy	8
NISHIDA	HARUKI	IGB Int'l School	Sungai Buloh	9
OGUNSINA	OREOLUWA	Children's International Schoo	Lekki	9
OREN	CEM BATU	American Collegiate Institute	Izmir	9
OSTADGHADERI	POURIA	Young Mathematician Associatio	Tehran	9
OZBAHCECI	ACAR	Mev Koleji Ozel Guzelbahce Fen	Izmir	9
OZBALKANLI	KARTAL	ITU GELISTIRME VAKFI OKULLARI	IZMIR	9
OZCAN	EMRE	TVO Ozel Sisli Terakki Tepeore	Istanbul	9
OZTURK	NEHIR	TVO Ozel Sisli Terakki Tepeore	Istanbul	9
OZYURT	SELIME NUR	NUN SCHOOLS	Istanbul	9
PAPADOPOULO	SEBASTIEN	Raha International School	Abu Dhabi	9
PERNY	EDUARDO	British International School o	Katy	9
PYAE MAHN	BONE	Myanmar Inter'l School	Yangon	9
REDDY	ANUSHA	ICAE	Troy	8
REDDY	ASHRITA	ICAE	Troy	8
SAGLAM	EYMEN SAFA	NUN SCHOOLS	Istanbul	9
SAKALIYSKI	CHRISTOPHER	Edison Regional Gifted Center	Chicago	8
SAYAR	KUTAY	MEF Schools - Bahcesehir Campu	Istanbul	9

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Group IV/Groupe IV

Scores/Notes 134 - 131

SHANAVAS	REHAN	Indian School Al Ghubra	Muscat Sultanate of	9
SHI	ALAN	Int'l Sch. Hamburg	Hamburg	9
SUDHIR	SAANVI	K. International School Tokyo	Tokyo	9
SZUCHYY	NIKLAS	Sukromna spojena skola British	Bratislava	9
TAS	NAZ	MEF Schools - Bahcesehir Campu	Istanbul	9
THALLA	RAHUL	ICAE	Troy	9
YASUI	FUKA	NIST International School	Bangkok	9
YILDIRIM	BERKE	Kultur2000 College	Buyukcekmece/Istanbu	9
YOLCU	ANIL	Private Bilfen Cayyolu Science	Ankara	9

Group V/Groupe V

Scores/Notes 130 - 128

AGGARWAL	DEEPTI	ICAE	Troy	9
AHN	JIHWAN	Int'l School of Brussels	Brussels	9
AKFINDIK	EFZA ZEYNEP	FMV Ozel Ispartakule Isik Lise	Istanbul	9
AKKUS	ATILLA	Private Technical Schools	Kocaeli	9
AKMAN	IDIL	ODTU Mersin College	Mersin	9
ALTUN	ALI	NUN SCHOOLS	Istanbul	9
ALTUN	CAGAN	Terakki Foundation Schools	Istanbul	9
ANBARASU	SARAVANA	ICAE	Troy	9
ANFIMIADIS	LEONIDAS	DMS STEMIC ACADEMICS	DHAHRAN	8
ANGELES	FRANCISCO JR	Philippine Science High School	Quezon City	8
ANNAMUNTHODO	WIRAAJ	Presentation College	San Fernando W. I.	8
ARIK	YUSUF	NUN SCHOOLS	Istanbul	9
ASKAR	HEDERA	Izmir Bahcesehir High School f	Izmir	9
AYDINER	YAPRAK	Private Technical Schools	Kocaeli	9
AYLIFFE	HANU	Tanglin Trust School	Singapore	8
BAQAIN	LAITH	International Academy of Amman	Amman	9
BATI	ENSAR	NUN SCHOOLS	Istanbul	9
BAYKAN	ELA	FMV Ozel Erenkoy Isik High Sch	Istanbul	9
BINTORO	PHOEBE	SIMETRI	Tangerang	9
BIRLA	NISHTHA	D.G. Khetan International Scho	Mumbai	9
BLOOM	ALEX	Sega Math Academy	Cupertino	9
BOLLAPALLI	AMRIT	ICAE	Troy	8
BRINER	FLURINA	Doha College	Doha	9
CAMERON	ARRAN	Doha College	Doha	9
CARTA	ELEONORA	Doha College	Doha	9
CASTILLO	MARIANA	Corporacion Colegio Los Nogale	Bogota	9
CESUR	BASAK	Private Bilfen Cayyolu Science	Ankara	9
CEVIK	ZEYNEP IRMAK	Ronesans Ozel Okullari Egitim	Istanbul	9
CHANG	AVA	ICAE	Troy	9
CHON	TAEHYEOK	Raha International School	Abu Dhabi	8
CHOUDHARY	JAYA	Creative Academy for Excellenc	Plymouth	8
CIFLIK	GORKEM	Izmir Bahcesehir High School f	Izmir	9
CIN	MELIH	Private Bilfen Cayyolu Science	Ankara	9
COSKUN	METE GOKHAN	Private Technical Schools	Kocaeli	9
DAGDELEN	BERKE	Izmir Bahcesehir High School f	Izmir	9
DAGISTAN	URAL	Izmir Bahcesehir High School f	Izmir	9
DEMIRCI	ABDULLAH EMINNUN SCHOOLS		Istanbul	9
DESAI	RIYA	ICAE	Troy	8
DEVADIGA	VYOMINI	D.G. Khetan International Scho	Mumbai	9
DURAK	EGE	Izmir Bahcesehir High School f	Izmir	9

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Group V/Groupe V

Scores/Notes 130 - 128

EBADOLLAHAMOGHEIN	MOHAMMADREZA	Young Mathematician Associatio	Tehran	9
ERICEK	MERIC	Izmir Bahcesehir High School f	Izmir	9
ESQUIVEL	RYLE BENEDICT	Philippine Science High School	Quezon City	8
FREER	ZACHARY	American School of Barcelona	Barcelona	9
GAZIBEY	ALP	Izmir Bahcesehir High School f	Izmir	9
GIRMANAGARI	RISHI	ICAE	Troy	8
GOLIKERE	ABHAY	Tanglin Trust School	Singapore	9
GUHA THAKURTA	ADITYA		Mumbai	9
GUPTA	ARYAN	Step By Step School	Noida	9
GUPTA	SYONA	ICAE	Troy	8
GURLER	EGE ARIN	Izmir Bahcesehir High School f	Izmir	9
HAN	DENIZ	Private Technical Schools	Kocaeli	9
HEBBAR	SRIHARI	ICAE	Troy	9
HERATH	DINUKA	Doha College	Doha	9
HILTON	TIMUCIN	Itu Gvo Ekrem Elginkan H.S.	Istanbul	9
JIANG	YASHENG	St Joseph's Institution Intern	Singapore	9
KARABACAKOGLU	ALPER	Izmir Bahcesehir High School f	Izmir	9
KARAKAYA	CEM	FMV Ozel Ayazaga Isik Lisesi	Istanbul	9
KAYA	HILMI ERDEM	Private Technical Schools	Kocaeli	9
KAYA	MEHMET	NUN SCHOOLS	Istanbul	9
KHANDUJA	ARCHIE	Welham Girls School	Dehradun	9
KIM	HYUNBIN	Tanglin Trust School	Singapore	9
KIM	JIMIN	Canadian Int'l School	Tokyo	9
KIM	JUNI	PEN Education	Old Tappan	8
KIRAN	BEDIAGUL	NUN SCHOOLS	Istanbul	9
KOGA	MEHMET ALI	Ted Bodrum College	Mugla	9
KOKSAL	EGE YIGIT	Private Technical Schools	Kocaeli	9
KURBAN	SEBNEM	American Collegiate Institute	Izmir	9
LACUESTA	JOHN LOUIS	Philippine Science High School	Quezon City	8
LAIME	JEKABS	Riga State Gymnasium No 1	Riga	9
LEE	GI JEONG	K. International School Tokyo	Tokyo	9
LIU	LANG	American School of Barcelona	Barcelona	9
LU	JULIHANNAH	Edison Regional Gifted Center	Chicago	8
MAHESHWARI	AARUSHI	UWC South East Asia East Campu	Singapore	8
MATHEW	TIMOTHY	ICAE	Troy	8
MAXWELL	JAMES	Int'l School of Brussels	Brussels	9
MEHTA	SHIV		Mumbai	9
MERCADO	JOHN PAUL	Philippine Science High School	Quezon City	8
MURAWCZYK	DAVID	Sega Math Academy	Cupertino	9
MUTHAIAH	JAYDEN	Dhahran Middle School (Saudi A	Dhahran	9
NACAK	DURU	Ozel Bornova Ugur Anadolu Lise	Izmir	9
NANDAMURI	ANISH	Creative Academy for Excellenc	Plymouth	8
OHN	WOOJU	Sukromna spojena skola British	Bratislava	9
OKSUZ	YUKSEL	Private Bilfen Kayseri H.S.	Melikgazi/Ildem	9
OLU SHOLANKE	ADEIFEMIDE	Children's International Schoo	Lekki	8
OLUKMAN	EZGI	American Collegiate Institute	Izmir	9
ORAZ	ALIM	DMS STEMIC ACADEMICS	DHAHRAN	7
ORCEN	ARDIL	The Koc School	Istanbul	9
OZDEMIR	EFE	Bahcesehir Eskisehir College	Eskisehir	9
OZGEN	OKAN	Ozel Edirne Bahcesehir Fen Lis	Edirne	9
OZOGLU	BERKAY	IZMIR OZEL TURK FEN LISESI	IZMIR	9
PARK	JUNSU	Raffles International Christia	Jakarta Selatan	9

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Group V/Groupe V

Scores/Notes 130 - 128

PAVULURI	ROHAN	ICAE	Troy	8
PINAR	ISMAIL	Private Technical Schools	Kocaeli	9
POREITERE	RAMONA	Riga State Gymnasium No 1	Riga	8
PRESALDO	JO LEO	Philippine Science High School	Quezon City	8
PRIKSANS	NAURIS	Riga State Gymnasium No 1	Riga	9
QI	MUTONG	Int'l School of Geneva (S.S.)	Geneva	9
QU	YIDUO	St Joseph's Institution Intern	Singapore	9
RAMESH	NAREN	Indus International School Ban	Bangalore	9
RAMPERSAD	KESHMA	Naparima Girls H.S.	San Fernando W. I.	9
RUSHABH SHRENIK	SHAH	D.G. Khetan International Scho	Mumbai	9
S VAIYAKARNAM	VAIBHAV	Indus International School Ban	Bangalore	9
SARAVANAN	VINEET	ICAE	Troy	8
SARGIN	ENES	Izmir Bahcesehir High School f	Izmir	9
SENGOR	IREM	Izmir Bahcesehir High School f	Izmir	9
SHAH	JASH HARSHIT	Utpal Shanghvi Global School	Mumbai	8
SHARMA	ARYAN	St Joseph's Institution Intern	Singapore	9
SNUKA	GVIDO	Riga State Gymnasium No 1	Riga	8
SOEWANTO	KIMBERLY	Singapore National Academy	Sidoarjo	9
SONMEZ	DENIZ	Ozel bilfen Iskenderun H.S	Iskenderum	9
SUTADJI	JESSICA	Singapore National Academy	Sidoarjo	9
TACAR	AHMET HATIP	Ozel Bahcesehir Bilfen Fen Lis	Basaksehir	9
TANDON	YASH		Mumbai	9
TOSUN	EMIR	IZMIR OZEL TURK KOLEJI ANADOLU	IZMIR	9
TOTTERDILL	VAUGHN	Raha International School	Abu Dhabi	9
UL HASAN	YAHYA HUSAIN	Jerudong Int'l Sch.	Bandar Seri Bagawan	9
UNLU	BURCU	Mektebim Cukurova Bilfen	Adana	9
URGEN	KAAN	The Koc School	Istanbul	9
UYSAL	SARA	MEF Schools - Bahcesehir Campu	Istanbul	9
WADA	RISA	Int'l School of Geneva (S.S.)	Geneva	9
WONG	LUKE	Tanglin Trust School	Singapore	8
YAGLI	AYCA	Private Technical Schools	Kocaeli	9
YILMAZ	BERK	Izmir Bahcesehir High School f	Izmir	9
ZHU	ZEKUAN	Oeiras International School	Lisboa	9