



The CENTRE for EDUCATION  
in MATHEMATICS and COMPUTING

Le CENTRE d'ÉDUCATION  
en MATHÉMATIQUES et en INFORMATIQUE

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**2020**  
**Results**

**2020**  
**Résultats**

***Pascal Contest***  
*(Grade 9)*

***Concours Pascal***  
*(9<sup>e</sup> année – Sec. III)*

***Cayley Contest***  
*(Grade 10)*

***Concours Cayley***  
*(10<sup>e</sup> année – Sec. IV)*

***Fermat Contest***  
*(Grade 11)*

***Concours Fermat***  
*(11<sup>e</sup> année – Sec. V)*



UNIVERSITY OF  
**WATERLOO**

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*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<sup>e</sup> année – Sec. III)*

***Cayley Contest***  
*(Grade 10)*

***Concours Cayley***  
*(10<sup>e</sup> année – Sec. IV)*

***Fermat Contest***  
*(Grade 11)*

***Concours Fermat***  
*(11<sup>e</sup> année – Sec. V)*

***Cayley Contest Honour Rolls***  
***Palmarès pour le concours Cayley***

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

Rank/Rang	School/École	City/Ville	Score/Note
1	The Woodlands Sec. School	Mississauga	450
2	Earl Haig S.S.	North York	444
2	Upper Canada College (Upper School)	Toronto	444
4	Sir John A. Macdonald C.I.	Scarborough	442
5	Marc Garneau C.I.	North York	428
5	St. Robert C.H.S.	Thornhill	428
5	University Hill S.S.	Vancouver	428
5	William Lyon Mackenzie C.I.	North York	428
9	Bayview S.S.	Richmond Hill	424
9	Victoria Park C.I.	North York	424
11	Richmond Hill H.S.	Richmond Hill	420
11	Semiahmoo S.S.	Surrey	420
13	Vincent Massey S.S.	Windsor	419
14	Lord Byng S.S.	Vancouver	418
14	Milliken Mills H.S.	Markham	418
14	University of Toronto Schools	Toronto	418
17	Abbey Park H.S.	Oakville	416
17	Insight Academy of Canada	Scarborough	416
17	Pickering College	Newmarket	416
20	Bloor C.I.	Toronto	414
20	BrightMinds Online School	Markham	414
20	Dr. G.W. Williams S.S	Aurora	414
20	Pierre Elliott Trudeau H.S.	Markham	414
20	Thornhill S.S.	Thornhill	414
20	White Oaks S.S.	Oakville	414
26	Mount Douglas S.S.	Victoria	413
27	Markville S.S.	Markham	412
27	Port Moody Sr. S.S.	Port Moody	412
27	R.C. Palmer S.S.	Richmond	412
27	Western Canada H.S.	Calgary	412
31	A.B. Lucas S.S.	London	410
31	Burnaby North S.S.	Burnaby	410
31	College Jean Eudes	Montreal	410
31	Lawrence Park C.I.	Toronto	410
31	Sentinel S.S.	West Vancouver	410
31	Sir Winston Churchill H.S.	Calgary	410
31	St. Michael's Univ. School	Victoria	410
38	Glenforest S.S.	Mississauga	408
38	Highland Academy of Canada	Vaughan	408
38	Iroquois Ridge H.S.	Oakville	408
38	Moscrop S.S.	Burnaby	408
38	Sir John A. Macdonald S.S.	Waterloo	408
38	St. Theresa of Lisieux C.H.S.	Richmond Hill	408
44	Collingwood School	West Vancouver	406
44	Eric Hamber S.S.	Vancouver	406
44	Sir Winston Churchill S.S.	Vancouver	406
47	John McCrae S.S.	Nepean	405
47	Monarch Park C.I.	Toronto	405
49	A.Y. Jackson S.S.	North York	404
49	Oakville Trafalgar H.S.	Oakville	404

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

Name/Nom		School/École	Location/Endroit	Grade/Niveau
<b>Group I/Groupe I</b>		<b>Scores/Notes 150 - 147</b>		
BATE	WILLIAM	A.B. Lucas S.S.	London	10
CHAMPEAU	PHILIP	The Woodlands Sec. School	Mississauga	10
CHEN	ELIZABETH	St. Robert C.H.S.	Thornhill	9
GOKHALE	CHINMAY	Sir John A. Macdonald C.I.	Scarborough	10
JIANG	WANGSHU	Sir John A. Macdonald C.I.	Scarborough	10
KIM	EVAN	Earl Haig S.S.	North York	10
LEE	HYUNWOOK	Upper Canada College (Upper Sc	Toronto	10
MA	RYAN	The Woodlands Sec. School	Mississauga	10
SONG	GAVIN	Dr. G.W. Williams S.S	Aurora	10
WAN	JIANGXU	University Hill S.S.	Vancouver	10
WU	LAWRENCE	Upper Canada College (Upper Sc	Toronto	9
YAN	KEVIN	R.C. Palmer S.S.	Richmond	10
YANG	LARRY	Monarch Park C.I.	Toronto	10
YOO	TED	Earl Haig S.S.	North York	10
ZOU	JOEY	The Woodlands Sec. School	Mississauga	10

<b>Group II/Groupe II</b>		<b>Scores/Notes 146 - 143</b>		
CHEN	BERNIE	William Lyon Mackenzie C.I.	North York	9
CHEN	XIAORUI	Charles P. Allen H.S.	Bedford	10
CHEPAKOVICH	ANDREI	Earl Haig S.S.	North York	10
GAO	MING	Markville S.S.	Markham	10
GUO	ISABELLE		Toronto	10
HAZRA	DRON	The Woodlands Sec. School	Mississauga	10
KIM	JIYU	Semiahmoo S.S.	Surrey	10
KRANENBURG	CALEB	Brantford C.I. and V.S.	Brantford	10
LIN	IRIS	Magee S.S.	Vancouver	10
LIU	KEVIN YUNQIAC	Upper Canada College (Upper Sc	Toronto	10
MURZAKHMETOV	AZAMAT	John McCrae S.S.	Nepean	10
MUTHUKUMAR	NISHANTH	Vincent Massey S.S.	Windsor	10
ROSENZWEIG	BENJAMIN	West Island College	Dollard-Des-Ormeaux	10
SALATHIEL	TOMOS	Barrie North C.I.	Barrie	10
SRISATKURU	BRENAN	Marc Garneau C.I.	North York	10
SUN	FRED	St. Theresa of Lisieux C.H.S.	Richmond Hill	10
WANG	AUSTIN	Bayview S.S.	Richmond Hill	10
WANG	RAYMOND	Burnaby North S.S.	Burnaby	8
WANG	THOMAS	Victoria Park C.I.	North York	10
WU	YIHUI	Abbey Park H.S.	Oakville	10
XU	JEFFERY	Richmond Hill H.S.	Richmond Hill	10
ZHOU	ANGELA	Magee S.S.	Vancouver	10

<b>Group III/Groupe III</b>		<b>Scores/Notes 142 - 141</b>		
BRAJUKA	ANGELO	St. David C.S.S.	Waterloo	10
CAI	ANDREW	Moscrop S.S.	Burnaby	10
CALDWELL	KEVIN	Central Peel S.S.	Brampton	10
CAO	JIARUI	Abbey Park H.S.	Oakville	10
CHEN	DAWEI	Insight Academy of Canada	Scarborough	10
CHEUNG	JEFFREY	Marc Garneau C.I.	North York	10

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

**Group III/Groupe III**

**Scores/Notes 142 - 141**

CUI	HAO	Marc Garneau C.I.	North York	10
GUPTA	KRISH	Pickering College	Newmarket	10
HANSON	LU	Pickering College	Newmarket	10
HUANG	ZEYU	Dr. Charles Best S.S.	Coquitlam	10
ISMAIL	TARIQ	Upper Canada College (Upper Sc	Toronto	10
LAM	AVERY	Milliken Mills H.S.	Markham	10
LI	MATTHEW	William Lyon Mackenzie C.I.	North York	10
LI	MAX		Surrey	10
LIANG	JIADONG	Marc Garneau C.I.	North York	10
LIU	EMILY	University of Toronto Schools	Toronto	10
LIU	ZACHARY	Bayview S.S.	Richmond Hill	10
LIU	ZHAOBO	Upper Canada College (Upper Sc	Toronto	9
LU	DAVID	Sir John A. Macdonald C.I.	Scarborough	10
MAO	OLIVER	White Oaks S.S.	Oakville	9
NICOL	MATHIEU	Seminaire de Sherbrooke	Sherbrooke	10
PARK	JUNYOUNG	Upper Canada College (Upper Sc	Toronto	10
RUAN	KENNETH	William Lyon Mackenzie C.I.	North York	10
SAHU	ISHAN	Thornhill S.S.	Thornhill	10
SAROPOULOS	PANAYIOTIS	College Reine Marie	Montreal	10
SHAO	ALYN	Port Moody Sr. S.S.	Port Moody	10
SI	LEON	Victoria Park C.I.	North York	10
SITU	ALEC	University Hill S.S.	Vancouver	9
SUN	MANRONG	Trafalgar Castle School	Whitby	10
TATLA	PRATAP	Chinguacousy S.S.	Brampton	10
WANG	AIDEN		Markham	10
WANG	JUNHAO	Sir Winston Churchill S.S.	Vancouver	10
XIAO	BRIAN		North York	10
YANG	DARREN	Lord Byng S.S.	Vancouver	10
YANG	JERRY	Evan Hardy C.I.	Saskatoon	10
ZHANG	BRIGHTEN	Bloor C.I.	Toronto	10
ZHANG	LUCY	Mount Douglas S.S.	Victoria	10
ZHANG	QINKAI	College Jean Eudes	Montreal	10
ZHANG	QUAN	Steveston London S.S.	Richmond	10
ZHOU	YIPENG	Insight Academy of Canada	Scarborough	10
ZHU	SHUJIAN	The Woodlands Sec. School	Mississauga	10

**Group IV/Groupe IV**

**Scores/Notes 140 - 138**

ARMENCIU	ADRIAN	The Woodlands Sec. School	Mississauga	10
ASSUNCAO	SEBASTIAN	Marc Garneau C.I.	North York	10
BAI	RICKY	David Thompson S.S.	Vancouver	10
BU	YINGWEN	Milliken Mills H.S.	Markham	10
BULBOACA	ANNE MARIE	University of Toronto Schools	Toronto	10
CAI	TONY	Fleetwood Park S.S.	Surrey	10
CHEN	DEREK	The Country Day School	King City	8
CHEN	ELLIOTT		White Rock	8
CHEN	ERIC	Pierre Elliott Trudeau H.S.	Markham	10
CHEN	JINGXIANG	St. Robert C.H.S.	Thornhill	10
CHHAYA	SUGURU	St. Robert C.H.S.	Thornhill	10
CONSTANTINESCU	VLAD	Centre Wellington D.H.S.	Fergus	10
DOKU	AMANDA	Lawrence Park C.I.	Toronto	10
DONG	XIAOXIANG	Unionville H.S.	Markham	9

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

Group IV/Groupe IV

Scores/Notes 140 - 138

GONG	ANDY	Bayview S.S.	Richmond Hill	10
GONG	MAGGIE	Sentinel S.S.	West Vancouver	10
GUO	RYAN	Glenforest S.S.	Mississauga	10
HAN	NICOLE	William Lyon Mackenzie C.I.	North York	10
HAN	SHI JIA	Lord Byng S.S.	Vancouver	10
HONG	JAMES	Semiahmoo S.S.	Surrey	10
HU	TONY	Westmount Charter School HS	Calgary	10
HUANG	ETHAN	St. Robert C.H.S.	Thornhill	9
HUANG	QINLING	Highland Academy of Canada	Vaughan	10
HUANG	YUANZHI	Richmond Hill H.S.	Richmond Hill	10
JIANG	ANDY	Earl Haig S.S.	North York	10
JIN	GE	Semiahmoo S.S.	Surrey	10
KIM	MINGYEOM	Sir William Mulock S.S.	Newmarket	10
LI	SHU HUA JENNY	Eric Hamber S.S.	Vancouver	10
LI	YANXI	Pierre Elliott Trudeau H.S.	Markham	10
LIU	AVERY	Dr. E.P. Scarlett H.S.	Calgary	10
LIU	LINDA		North York	10
LIU	TIANYU	Earl Haig S.S.	North York	10
LIUDENG	MICHAEL	Maple H.S.	Maple	10
LOU	ERIC	Iroquois Ridge H.S.	Oakville	10
LOWE	CALEB	Rundle College Sr. H.S.	Calgary	10
LU	COCO	Sir Winston Churchill H.S.	Calgary	10
LU	NATHAN	William Lyon Mackenzie C.I.	North York	10
LUO	CELESTE	William Lyon Mackenzie C.I.	North York	10
MCCLUSKEY	FIACRA	Kitchener-Waterloo C.I. and V.	Kitchener	10
PRIFTAKIS	THOMAS	E.S.C. Renaissance	Aurora	10
QIN	JEFFREY	Bayview S.S.	Richmond Hill	10
QIU	ZACH	St. Michael's Univ. School	Victoria	10
REN	JAY	Sir John A. Macdonald S.S.	Waterloo	9
SASEELAN	ARAN	Victoria Park C.I.	North York	10
SEDGWICK	ALICE	Lawrence Park C.I.	Toronto	10
SHI	LEO	College Jean de Brebeuf	Montreal	10
TANG	JIAQI	Pierre Elliott Trudeau H.S.	Markham	10
TIANRUN	FANG	Mount Douglas S.S.	Victoria	10
TISDALE	DOUGLAS	Danforth Coll and Tech. Inst.	Toronto	10
WANG	ALAN	Milliken Mills H.S.	Markham	10
WANG	ANCHENG	Newmarket H.S.	Newmarket	9
WANG	ANDREW	Lord Byng S.S.	Vancouver	10
WANG	CINDY	Bloor C.I.	Toronto	10
WANG	JUSTIN	Bayview S.S.	Richmond Hill	10
WANG	MATTHEW	Western Canada H.S.	Calgary	10
WANG	RUNJU		North York	10
WANG	RUOFAN	BrightMinds Online School	Markham	10
WANG	TIAN LU	BrightMinds Online School	Markham	10
WENG	DANIEL	Vincent Massey S.S.	Windsor	10
WU	LOUIS	St. Robert C.H.S.	Thornhill	9
WU	SHU YU	BrightMinds Online School	Markham	10
WU	WEI	Point Grey S.S.	Vancouver	10
XIE	SOPHIE	White Oaks S.S.	Oakville	10
XIONG	BOB	Port Moody Sr. S.S.	Port Moody	10
XU	ANGELA	Earl Haig S.S.	North York	10
YANG	RICHARD	Richmond Hill H.S.	Richmond Hill	10

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

Group IV/Groupe IV

Scores/Notes 140 - 138

YANG	ZIHAN	Trinity College School	Port Hope	10
YU	DANIEL	Sir John A. Macdonald S.S.	Waterloo	10
YU	JESSICA	University of Toronto Schools	Toronto	10
YUAN	DEREK	Oakville Trafalgar H.S.	Oakville	10
ZHANG	BILLIE	Thornhill S.S.	Thornhill	10
ZHANG	JOY	St. Michael's Univ. School	Victoria	10
ZHANG	MATT	Upper Canada College (Upper Sc	Toronto	10
ZHANG	RAMILLON	J. Addison School	Markham	10
ZHAO	DI	Halifax Grammar School	Halifax	10
ZHAO	IAN	Western Canada H.S.	Calgary	10
ZHENG	JAMES	Centennial Collegiate	Saskatoon	10
ZHOU	AMELIE	Marc Garneau C.I.	North York	10
ZHOU	JIMMY	St. Robert C.H.S.	Thornhill	9
ZHOU	MICHELLE	Marc Garneau C.I.	North York	10
ZHOU	PEIHONG	Sentinel S.S.	West Vancouver	10
ZHOU	YANG	Westmount H.S.	Westmount	10
ZHOU	ZIHENG	Highland Academy of Canada	Vaughan	10
ZHU	HARVEY	St. Robert C.H.S.	Thornhill	10

Group V/Groupe V

Scores/Notes 137 - 134

ABE	KORIN	Sentinel S.S.	West Vancouver	10
BRAR	HARNARVEER	Tempo School	Edmonton	10
BRENNAN	STEVEN	Henry Wise Wood Sr. H.S	Calgary	10
CALABRETTA	MARCO	Father Bressani C.H.S.	Woodbridge	10
CAO	ALANNA	Western Canada H.S.	Calgary	10
CHAN	RYAN	Upper Canada College (Upper Sc	Toronto	10
CHEN	ANDREW	Burnaby South S.S.	Burnaby	10
CHEN	ANDREW	Sir Winston Churchill H.S.	Calgary	10
CHEN	MICHAEL	St. Andrew's College	Aurora	10
CHEN	WILLIAM	Sir Winston Churchill H.S.	Calgary	10
CHENG	JASON	Marc Garneau C.I.	North York	10
CHIN	NATHAN	Iroquois Ridge H.S.	Oakville	10
CHO	SEONGMIN	Alpha S.S.	Burnaby	10
CUI	NICOLE	William Lyon Mackenzie C.I.	North York	9
FAJARDO	MARCUS	Senator O'Connor College Schoo	North York	10
FANG	JASON	Prince of Wales S.S.	Vancouver	10
GALLAGHER	SARAH	College Jean Eudes	Montreal	10
GAO	SEAN	Sir Winston Churchill H.S.	Calgary	10
GOEL	ANIRUDH	Marc Garneau C.I.	North York	10
HU	PETER	St. John's-Ravenscourt School	Winnipeg	10
HUANG	JALEN	Burnaby North S.S.	Burnaby	10
HUSSAIN	HIBAH	University of Toronto Schools	Toronto	10
INOKUCHI	SOMA	R.C. Palmer S.S.	Richmond	10
JI	CHENGYU	Ashbury College	Rockcliffe	10
JIAN	JANET	Lisgar C.I.	Ottawa	10
JIANG	ELAINE	White Oaks S.S.	Oakville	10
JIANG	MAX	Markville S.S.	Markham	10
JULIETTE	POTVIN	College St. Alexandre	Gatineau	10
KHAN	ALI	Milton D.H.S.	Milton	10
KOROBKIN	IAROSLAV	Ecole russe Gramota	Montreal	10
KWONG	TYLER	TMS School	Richmond Hill	10

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

Group V/Groupe V

Scores/Notes 137 - 134

LABONTE	CONNOR	Cobequid Educational Centre	Truro	10
LAFRENAYE	JUSTIN	College Laval	Laval	10
LEE	EMMA	Collingwood School	West Vancouver	10
LEE	PAULINE	Iroquois Ridge H.S.	Oakville	10
LI	MUYAN	Moscrop S.S.	Burnaby	10
LI	PATRICK		Markham	9
LIANG	JOSEPH	Sir Winston Churchill H.S.	Calgary	10
LIANG	JULIEN	Colonel By S.S.	Gloucester	10
LIM	BRIAN	Glenlyon Norfolk School	Victoria	10
LIU	CATHERINE	University of Toronto Schools	Toronto	10
LIU	GAVIN	Ancaster H.S.	Ancaster	10
LIU	JOSHUA	Southpointe Academy	Delta	10
LIU	VICTOR	Don Mills C.I.	North York	10
LIU	YAN	Corpus Christi C.S.S.	Burlington	10
LIU	YUNING	Albert College	Belleville	10
LIU	ZHAN HAO	Shawnigan Lake School	Shawnigan Lake	10
LO	NATHAN	Thornhill S.S.	Thornhill	10
LU	MAX	Marc Garneau C.I.	North York	10
LUO	ERIC	Colonel By S.S.	Gloucester	10
LUO	HANWEN	The Woodlands Sec. School	Mississauga	10
LYU	TIANYUE	St. John's Kilmarnock School	Breslau	10
MAO	TINA	Halton Waldorf High School	Burlington	10
MOON	JUAN	Thornhill S.S.	Thornhill	10
MUNTEANU	ADRIAN	Pickering H.S.	Ajax	10
MUWONGE	JOSHUA	St. Michael's Univ. School	Victoria	10
MUYANG	LI		Richmond	8
NGUYEN	BACH	St. Malachy's Memorial High Sc	Saint John	10
NGUYEN	NGUYEN	Jarvis C.I.	Toronto	10
PACIN	LUKAS	St. Paul's H.S.	Winnipeg	10
PAN	OWEN	John Fraser S.S.	Mississauga	10
PHAN	KHA	Colonel Gray Sr. H.S	Charlottetown	10
POITRAS	MAXIME	College St. Alexandre	Gatineau	10
QI	KYLE	Don Mills C.I.	North York	10
QIN	HUBERT	A.Y. Jackson S.S.	North York	10
RA O	LINDA	Lord Byng S.S.	Vancouver	10
RAN	CHARLES		Mississauga	8
REN	HENRY	A.Y. Jackson S.S.	North York	10
SELVENDRAN	ATHITHEN	Markham District H.S.	Markham	10
SETO	MICHAEL	Cardinal Carter Academy	North York	10
SHAMS	WANIA	Milliken Mills H.S.	Markham	10
SHAO	JIAYU	Dr. Charles Best S.S.	Coquitlam	10
SHINN	JUNGMIN	Pinetree S.S.	Coquitlam	10
SIN	JEREMY	Bur Oak S.S.	Markham	10
SONG	JOANNA	R.A. McMath S.S.	Richmond	10
SUN	ALEXANDER	William Lyon Mackenzie C.I.	North York	9
SUN	JIAHONG	Collingwood School	West Vancouver	8
TAIY I	JIN	Appleby College	Oakville	10
TANG	MARTIN	Glenforest S.S.	Mississauga	10
TANG	TREVOR	A.Y. Jackson S.S.	North York	10
TESS IER	WILLIAM	Coll. Charles Lemoyne Actuel	Sainte-Catherine	10
TIAN	TOBIAS	Iroquois Ridge H.S.	Oakville	10
VAN LEEUWEN	BRYANNA	Bloor C.I.	Toronto	10

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

Group V/Groupe V		Scores/Notes 137 - 134		
VAN RAALTE	MATTHEW	Guido de Bres H.S.	Hamilton	10
XIAO	OLIVIA	Collingwood School	West Vancouver	10
XU	JENNIFER	A.B. Lucas S.S.	London	10
XUE	LETIAN	University Hill S.S.	Vancouver	10
YANG	KAI WEN	Victoria Park C.I.	North York	10
YANG	SIMON	Bell H.S.	Nepean	10
YANG	THOMAS	St. Theresa of Lisieux C.H.S.	Richmond Hill	10
YU	BARRY	Elgin Park S.S.	Surrey	10
YUN	HOJIN	Marc Garneau C.I.	North York	10
ZHANG	BRADY	Eric Hamber S.S.	Vancouver	10
ZHANG	RICHARD	Western Canada H.S.	Calgary	10
ZHANG	VICTORIA	University of Toronto Schools	Toronto	10
ZHAO	YANI	Pinetree S.S.	Coquitlam	10
ZHENG	EVELINA	Milliken Mills H.S.	Markham	10
ZHENG	SILVIA	Fraser Heights S.S.	Surrey	10
ZHI RUI	GUO	Vincent Massey S.S.	Windsor	10
ZHOU	SELENA	Glenforest S.S.	Mississauga	10
ZHU	KEVIN	Oakville Trafalgar H.S.	Oakville	10
ZHU	YOUJI	Fraser Heights S.S.	Surrey	10



2020  
Cayley Contest/Concours Cayley  
Team Honour Rolls/Palmarès d'équipes  
International

Rank/Rang	School/École	City/Ville	Score/Note
1	MEF Schools - Bahcesehir Campus	Istanbul	450
2	Philippine Science High School	Quezon City	428
3	Istanbul Int'l Community School	Istanbul	427
4	ICAE	Troy	422
5	Izmir Bahcesehir High School for Science	Izmir	414
6	Riga State Gymnasium No 1	Riga	405
7	K. International School Tokyo	Tokyo	402
8	Baku European Lyceum	Baku	398
9	Bahcesehir Eskisehir College	Eskisehir	396
9	Kultur Science High School	Istanbul	396
11	Brent Int'l School South Campus	Laguna	394
11	Tevitol H.S.	Gebze	394
11	UWC South East Asia East Campus	Singapore	394
11	Uskudar American Academy	Istanbul	394
15	IZMIR OZEL TURK KOLEJI ANADOLU LISESI	IZMIR	393
16	Metu DF High School - Ankara	Ankara	392
16	Sega Math Academy	Cupertino	392
16	Transitions Lab Prep School	Thiruvananthapuram	392
19	Ozel Gelisim Koleji	MENEMEN / IZMIR	390
19	Sinarmas World Academy	BSD City	390
19	Tarsus American College	Tarsus/Mersin	390
22	IZMIR OZEL TURK FEN LISESI	IZMIR	388
23	Segue Global Prep School	Mumbai	387
24	Ronesans Ozel Okullari Egitim Ogretim H	Istanbul	386
24	Raffles International Christian School	Jakarta Selatan	386
24	Young Mathematician Association	Tehran	386
27	Itu Gvo Ekrem Elginkan H.S.	Istanbul	384
27	Izmir Ataturk Lisesi	Izmir	384
29	Odtu G.V. Ozel Denizli Ilkogretim Okulu	Denizli	382
29	Private Bilfen Kayseri H.S.	Melikgazi/Ildem	382
31	International School of Prague	Prague6	381
32	ODTU Mersin College	Mersin	380
32	Ozel Anabilim Anadolu Lisesi	Istanbul	380
34	American Collegiate Institute	Izmir	378
34	American Embassy School	New Delhi	378
36	Ozel Edirne Bahcesehir Fen Lisesi	Edirne	376
36	Raha International School	Abu Dhabi	376
36	Step By Step School	Noida	376
36	UNISON WORLD SCHOOL	DEHRADUN	376
40	Fukuoka International School	Fukuoka	375
40	TVO Ozel Sisli Terakki Tepeoren Anadolu	Istanbul	375
42	OZEL INTEGRAL EGITIM KURUMLARI	MALATYA	374
42	Tanglin Trust School	Singapore	374
44	Corporacion Colegio Los Nogales	Bogota	373
44	Ozel Bursa Bilfen Science H.S	Bursa	373
46	ITU GELISTIRME VAKFI OKULLARI	IZMIR	371
47	IGB Int'l School	Sungai Buloh	370
48	Dhahran British Grammar School	Al-Khobar	369
48	FMV Ozel Ayazaga Isik Lisesi	Istanbul	369
50	American School of Barcelona	Barcelona	366
50	Graceland Int'l School	Port Harcourt	366
50	Mev Koleji Ozel Guzelbahce Fen Lisesi	Izmir	366
50	Ozel Ege Lisesi	Bornova Izmir	366
50	Stiftung Private Kant-Schulen gGmbH	Berlin	366
50	TED Izmir Koleji	Izmir	366

2020  
Cayley Contest/Concours Cayley  
Student Honour Roll/Palmarès d'étudiants  
International

Name/Nom	School/École	Location/Endroit	Grade/Niveau
<b>Group I/Groupe I</b>			
<b>Scores/Notes 150 - 145</b>			
AUFA KHOIRI	AZKA	MAN 4 JAKARTA	Jakarta 10
CHOI	REAGAN	ICAE	Troy 10
GOH	DAVID SHANE	SIMETRI	Tangerang 9
KOSOGLU	ERINC	MEF Schools - Bahcesehir Campu	Istanbul 10
KOSOGLU	SEVINC	MEF Schools - Bahcesehir Campu	Istanbul 10
OSWAL	SHIVA	Sherry Wang	Cupertino 10
SAHIN	ECE	MEF Schools - Bahcesehir Campu	Istanbul 10
UMUT	MERT	Private Technical Schools	Kocaeli 10

<b>Group II/Groupe II</b>			
<b>Scores/Notes 144 - 141</b>			
BASIBUYUK	M TALHA	Private Technical Schools	Kocaeli 10
CHANG	WOOJIN	Istanbul Int'l Community Schoo	Istanbul 10
DIZON	JOHN FLORENCE	Philippine Science High School	Quezon City 8
EMEKLIOGLU	ELIF	Private Bilfen Kayseri H.S.	Melikgazi/Ildem 10
FEBRIANTO	IVAN	Santo Aloysius 2 Bandung	Bandung 10
HARYADIPTA	NADHIF	SMA LABSCHOOL JAKARTA	DKI Jakarta 10
JEON	YONGWOOK	Istanbul Int'l Community Schoo	Istanbul 10
LE	NHUNG	St Joseph's Institution Intern	Singapore 10
NURCAHYO	RAMA SULAIMAN	SMAN 8 Yogyakarta	Yogyakarta 10
PRAWIRA DILAGA	AULIA MUH	SMA LABSCHOOL JAKARTA	DKI Jakarta 10
SENGULER	UFUK	Izmir Bahcesehir High School f	Izmir 10
TORRALBA	JEREMIE KEON	Philippine Science High School	Quezon City 9
TROPICALES	BERT JACOB	Philippine Science High School	Quezon City 8
TURHAN	CEYDA	Ronesans Ozel Okullari Egitim	Istanbul 10
ZHUANG	YILING	K. International School Tokyo	Tokyo 10

<b>Group III/Groupe III</b>			
<b>Scores/Notes 140 - 134</b>			
ADURZADE	LATIF	Baku European Lyceum	Baku 10
AGARWAL	MANAN	Transitions Lab Prep School	Thiruvananthapuram 10
AKDOGAN	SELIN DENIZ	Uskudar American Academy	Istanbul 10
AKSOY	HUSEYIN ARDA	Tevitol H.S.	Gebze 10
ANDAL	TIMOTHY	Philippine Science High School	Quezon City 8
ANDRIONO	JESSLYN A	Sekolah Pelita Harapan Sentul	Sentul 10
CHAN	JEREMY	St Joseph's Institution Intern	Singapore 10
CHIA	RAYMOND	IGB Int'l School	Sungai Buloh 10
CHO	HYUNG JUN	Sinarmas World Academy	BSD City 10
CHO	SUNNY	K. International School Tokyo	Tokyo 10
DJULIANSAH	ALWIN	SMAN 2 Jakarta	Jakarta Barat 10
DOGAN	BERRA	Tevitol H.S.	Gebze 10
EVAN DJUAPUTRA	GREGORIUS	SMA SANTA LAURENSIA	Tangerang Selatan 10
GOWDA	ARYA	ICAE	Troy 10
GUPTA	SAMBHAV	ICAE	Troy 10
GUPTA	UDITI	UWC South East Asia East Campu	Singapore 10
HAMURCU	GORKEM	Tarsus American College	Tarsus/Mersin 10
HARYONO PUTRA	DEWANGGA	SMA LABSCHOOL JAKARTA	DKI Jakarta 10
JALAN	PRABHAV		Mumbai 10
JARMONOV	DANIILS	Riga State Gymnasium No 1	Riga 10

2020  
Cayley Contest/Concours Cayley  
Student Honour Roll/Palmarès d'étudiants  
International

**Group III/Groupe III**

**Scores/Notes 140 - 134**

KARASAKAL	BURAK	Metu DF High School - Ankara	Ankara	10
KARATAS	YUSUF	Private Technical Schools	Kocaeli	10
KAVACS	GUSTAVS	Riga State Gymnasium No 1	Riga	10
KHUNT	MAHDI RAZA	Mahatma Gandhi International S	Ahmedabad	10
KIM	MINWOO	Istanbul Int'l Community Schoo	Istanbul	10
KOCABAS	BATUHAN	Izmir Bahcesehir High School f	Izmir	10
KUTIRAKULAM	ARVIND	ICAE	Troy	10
LEVASHOV	BATIR	Baku European Lyceum	Baku	10
LUIZZA	FARRELL	SMA LABSCHOOL JAKARTA	DKI Jakarta	10
MARTIN	JETHRO	Wardaya College	Jakarta Barat	9
MARVEL SOLOMON	JOSHUA	Wardaya College	Jakarta Barat	8
MATHIHALLI	NIDHI	Sega Math Academy	Cupertino	9
MATHIHALLI	NIKHIL	Sega Math Academy	Cupertino	8
MOON	CHAE EUN	Brent Int'l School South Campu	Laguna	10
NAUFAL	HAYFA	SMAN Unggulan MH Thamrin	Jakarta	10
SHAH	JAY	Segue Global Prep School	Mumbai	10
SHAH	KEVAL	Segue Global Prep School	Mumbai	10
SHEN	JIA CHENG	UWC South East Asia East Campu	Singapore	10
SHOFIAH	ARIANTI	SMAN BANUA KALSEL	KAB. BANJAR	10
SHRUNGARKAR	SHRIRAM	Bavarian Intern. School e.V.	Haimhausen	10
WIJAYA TJANDRANATA	ALBERT	Wardaya College	Jakarta Barat	10
XU	GABRIEL H	Santo Aloysius 1 Bandung	Bandung	10
XU	JADE	ICAE	Troy	10
YILMAZ	UTKU	Izmir Bahcesehir High School f	Izmir	10

**Group IV/Groupe IV**

**Scores/Notes 133 - 132**

AGNETA	GABRIELLE	Santo Aloysius 2 Bandung	Bandung	10
AKKOL	BARKIN	Private Technical Schools	Kocaeli	10
ALVERTIA	SHAINA	Santo Aloysius 2 Bandung	Bandung	10
ALWAN FALIH ADFA	MUHAMMAD	SMAN Unggulan MH Thamrin	Jakarta	10
AURELIA YUDIANTO	MICHELLE	Sekolah Bogor Raya	Bogor	8
BAHADIR	TOLGA	Bahcesehir Eskisehir College	Eskisehir	10
BORA	ARDA	Kultur Science High School	Istanbul	10
BUNTORO ALEXANDER	JUSTIN	SMA SANTA LAURENSIA	Tangerang Selatan	10
CHARLES DANIEL	DAVID	Graceland Int'l School	Port Harcourt	10
CHELSEA TANOJO	KRESENTIA	Santo Aloysius 2 Bandung	Bandung	10
CINTYA PUTRI	CELVINA	Santo Aloysius 2 Bandung	Bandung	10
CONSTANTINE	FRANCES L	Santo Aloysius 2 Bandung	Bandung	10
DAVID	MALKS MOGEN	Philippine Science High School	Quezon City	9
DEMIR	UTKU YIGIT	Ankara Cozum College	Ankara	10
DEVRE	HUSEYIN YAGIZUSKUDAR	American Academy	Istanbul	10
DIZEN	EMRE KAGAN	Bahcesehir Eskisehir College	Eskisehir	10
DORA U	DURU	Ozel Anabilim Anadolu Lisesi	Istanbul	10
DROUFFE	PAUL LOUIS	Tanglin Trust School	Singapore	10
EDRIC RIADI	GERALDUS	Santo Aloysius 2 Bandung	Bandung	10
EKSI	AYCA SUKRAN	Kultur Science High School	Istanbul	10
ELFANDRA	ALIF	SMAN Unggulan MH Thamrin	Jakarta	10
EMIRHAN	ECE	Ozel Gelisim Koleji	MENEMEN / IZMIR	10
ERBAS	BERKE	Bahcesehir Eskisehir College	Eskisehir	10
ERTULGAN	SELIN	IZMIR OZEL TURK KOLEJI ANADOLU	IZMIR	10
GABRIEL	EMILLE	Philippine Science High School	Quezon City	8

2020  
Cayley Contest/Concours Cayley  
Student Honour Roll/Palmarès d'étudiants  
International

**Group IV/Groupe IV**

**Scores/Notes 133 - 132**

GONDO	VICTOR	Raffles International Christia	Jakarta Selatan	10
HAFIDZ	MUHAMMAD	SMAN 8 Yogyakarta	Yogyakarta	10
HATIPOGLU	ELIF	Ozel Gelisim Koleji	MENEMEN / IZMIR	10
HERMANTO	FEIVEL	Springfield School PB3 Campus	West Jakarta	10
JEONG	MINWOO	Brent Int'l School South Campu	Laguna	10
KAMPANI	SHIV	Transitions Lab Prep School	Thiruvananthapuram	10
KARAKUS	BUSE	Kultur Science High School	Istanbul	10
LAUW	GABRIELLA L	Santo Aloysius 2 Bandung	Bandung	10
LEE	DONGGYU	International School of Prague	Prague6	10
LEVEIKA	PETERIS	Riga State Gymnasium No 1	Riga	10
LIBENSONS	MAKSIMS	Riga State Gymnasium No 1	Riga	10
LIM	AUGUST SIMON	Philippine Science High School	Quezon City	8
LUTHFAN KHAFI	MUHAMMAD	SMAN BANUA KALSEL	KAB. BANJAR	10
MAKARENKO	VALERIJA	Riga State Gymnasium No 1	Riga	10
MARIANO	JOSHUA MIGUEI	Philippine Science High School	Quezon City	8
MATTHEW TANADI	DARRYL	SIMETRI	Tangerang	10
NAKAGAWA	MASATO	Int'l Sch. Hamburg	Hamburg	10
NARIN	YAMAN	Kultur Science High School	Istanbul	10
NUGROHO	HAMDION BISMIC	SMA LABSCHOOL JAKARTA	DKI Jakarta	10
ONUK	MERT	MEF Schools - Bahcesehir Campu	Istanbul	10
PARK	KANGMIN	PEN Education	Old Tappan	10
PRAKASH	ARUL	Step By Step School	Noida	10
QIWEN	DENG	Ruamrudee International School	Bangkok	10
ROSTOVSKIS	ROSTISLAVS	Riga State Gymnasium No 1	Riga	10
SAGISMAN	CAN CEDAY	Kultur Science High School	Istanbul	10
SALAKS	REINIS	Riga State Gymnasium No 1	Riga	10
SARAC	EMRE	IZMIR OZEL TURK KOLEJI ANADOLU	IZMIR	10
STEPHANUS	MATTHEW	Santo Aloysius 2 Bandung	Bandung	10
SUSANTO	RENALDY	SMA LABSCHOOL JAKARTA	DKI Jakarta	10
TAN	MICHELLE	SIMETRI	Tangerang	9
TANOJO	FERDINAND	Wardaya College	Jakarta Barat	8
TEKIN	NISAN	MEF Schools - Bahcesehir Campu	Istanbul	10
THERESA HARTANTO	ELENA	Santo Aloysius 2 Bandung	Bandung	10
VARSHOEI	PARSA	Young Mathematician Associatio	Tehran	10
YAVUZ MERT	OVGUER	Kultur Science High School	Istanbul	10
YAZICI	AZIZ CAN	ODTU Mersin College	Mersin	10
YILMAZ	DENIZ	Kultur Science High School	Istanbul	10
YILMAZ	KEREM BURAK	Izmir Bahcesehir High School f	Izmir	10
YUN	KYEONGSUNG	Fukuoka International School	Fukuoka	10
ZENG	ZIRONG	Bangkok Christian Int'l School	Suanluang Bangkok	10

**Group V/Groupe V**

**Scores/Notes 131 - 128**

	CALISTA	SMA Swasta Sutomo 1 Medan	MEDAN	10
AKBAS	ATA	IZMIR OZEL TURK KOLEJI ANADOLU	IZMIR	10
AKDAG	YOSUN	GKV Cemil Aevli College	Gaziantep	10
AKGOCMEN	MUHAMMED	Private Technical Schools	Kocaeli	10
AKYUREK	TUNA	Itu Gvo Ekrem Elginkan H.S.	Istanbul	10
ALDANMAZ	ONCEL	Tarsus American College	Tarsus/Mersin	10
ALI	IZABELLA	Riga State Gymnasium No 1	Riga	10
ASPERIN	ELAIAH	Philippine Science High School	Quezon City	8
ATES	HAZAL IREM	Itu Gvo Ekrem Elginkan H.S.	Istanbul	10

2020  
Cayley Contest/Concours Cayley  
Student Honour Roll/Palmarès d'étudiants  
International

Group V/Groupe V

Scores/Notes 131 - 128

ATH THARIQ	M DZAKII	SMA Negeri 10 Samarinda	Samarinda	10
AURELIA SHYLE	CLAIRE	SIMETRI	Tangerang	9
BAE	WILLIAM	American Embassy School	New Delhi	10
BAGTAS	DORUK	IZMIR OZEL TURK FEN LISESI	IZMIR	10
BAKANKUS	EGEHAN	Ted Bodrum College	Mugla	10
BALABAN	IPEK	Odtu G.V. Ozel Denizli Ilkogre	Denizli	10
BARLAS	ALP ARDA	Itu Gvo Ekrem Elginkan H.S.	Istanbul	10
BENEDICT	JOHN	SMA Kristen Yahya	Bandung	10
BULBUL	CAN POLAT	Izmir Bahcesehir High School f	Izmir	10
CAHYONO	JOSHUA ADRIAN	Wardaya College	Jakarta Barat	10
CHAILES	ELBERT	SMA Swasta Sutomo 1 Medan	MEDAN	10
CRUZ	JOHAN RUSSELL	Philippine Science High School	Quezon City	8
CUBUKCU	UMUT CAN	Izmir Bahcesehir High School f	Izmir	10
DANACI	MERT	Izmir Ataturk Lisesi	Izmir	10
DAVID	CHERTOK	Int'l School of Geneva (S.S.)	Geneva	10
DELA FUENTE	JENCE ENRICO	Philippine Science High School	Quezon City	8
DEMIR	NISA	Izmir Ataturk Lisesi	Izmir	10
DONGER	ISIK	IZMIR OZEL TURK FEN LISESI	IZMIR	10
DZERELIS	JOHANS FILIP	Riga State Gymnasium No 1	Riga	10
ELERTE	AGNESE	Riga State Gymnasium No 1	Riga	10
ERGIN	NIL MIRAY	Tarsus American College	Tarsus/Mersin	10
FARRAJ	SAMIR	International Academy of Amman	Amman	10
FULSS	ROBERTS	Riga State Gymnasium No 1	Riga	10
GAO	YUANXI	British International School o	Katy	10
GILFORD	MAISIE	Doha College	Doha	10
GOKTEKIN	OMER EFE	Mektebim Cukurova Bilfen	Adana	10
GULLU	DURU	Izmir Ataturk Lisesi	Izmir	10
GUMPERT	RILEY	St Joseph's Institution Intern	Singapore	10
GUNAWAN	MATTHEW	Santo Aloysius 1 Bandung	Bandung	10
GUNDUZ	HALIT YIGIT	Uskudar American Academy	Istanbul	10
GUNEL	KUTAY	TVO Ozel Sisli Terakki Tepeore	Istanbul	10
GURBUZ	CEYDA	Mektebim Cukurova Bilfen	Adana	10
HEO	JANGJUN	Fukuoka International School	Fukuoka	10
ISAYEV	SEYMUR	Baku European Lyceum	Baku	10
JEFFERSON	KENNETH	Santo Aloysius 2 Bandung	Bandung	10
JORDAN	GALILEA	SMA Negeri 34 Jakarta	Jakarta Selatan	10
KARAKAS	DURU	Private Bilfen Uskudar Science	Uskudar Istanbul	10
KEITH POERNAMA	NATHAN	Wardaya College	Jakarta Barat	9
KENNICO HANDOYO	ROBERTUS	Santo Aloysius 2 Bandung	Bandung	10
KHAIRIZA	MUHAMMAD	SMA Labschool Kebayoran	Jakarta Selatan	10
KHAN	MUHAMMAD	Raha International School	Abu Dhabi	10
KIRALP	KAAN	Tarsus American College	Tarsus/Mersin	10
KNIPSE	RASMA SANDRA	Riga State Gymnasium No 1	Riga	10
KOMISAROVA	MILANA	Riga State Gymnasium No 1	Riga	10
KOSE	SIMAY	Bahcesehir Eskisehir College	Eskisehir	10
KUTUK	GIZEM	Mektebim Cukurova Bilfen	Adana	10
LEISAN	FILBERT	SMA Swasta Sutomo 1 Medan	MEDAN	10
LI	ZEYU	Lyceum Alpinum Zuoz	Zuoz	10
LIM	MAYAH	Philippine Science High School	Quezon City	8
LOPEZ	CAESAR JR	Philippine Science High School	Quezon City	9
LOPEZ	MARTIN	Philippine Science High School	Quezon City	8
MAKARACI	IREM	Mektebim Cukurova Bilfen	Adana	10

2020  
Cayley Contest/Concours Cayley  
Student Honour Roll/Palmarès d'étudiants  
International

Group V/Groupe V

Scores/Notes 131 - 128

MALHOTRA	GAURAV		Mumbai	9
MARKEVICA	ANNA	Riga State Gymnasium No 1	Riga	10
MAZUKI	JESSY	SMA Swasta Sutomo 1 Medan	MEDAN	9
MITTAL	ARSHITA	UNISON WORLD SCHOOL	DEHRADUN	10
MUFTULER	ALI	International School of Prague	Prague6	10
MUHUNDAN	MATHULA	Doha College	Doha	10
NAIR	SYONAA		Mumbai	10
NESANIR	EFE	Bahcesehir Eskisehir College	Eskisehir	10
OCTAVIANUS RAHMAT	STEVEN	Wardaya College	Jakarta Barat	8
OGUZ	ATA	Izmir Bahcesehir High School f	Izmir	10
ONAL	EGE	Izmir Bahcesehir High School f	Izmir	10
OZCAN	AHMET KAAAN	Private Technical Schools	Kocaeli	10
OZDEMIR	EYLUL	Metu DF High School - Ankara	Ankara	10
OZDEMIR	ZEYNEP IRMAK	TVO Ozel Sisli Terakki Tepeore	Istanbul	10
OZEN	HASAN MUSTAFA	IZMIR OZEL TURK FEN LISESI	IZMIR	10
OZOLINS	ROBERTS	Riga State Gymnasium No 1	Riga	10
OZTURK	EGE	Izmir Bahcesehir High School f	Izmir	10
PARK	CHAEWON	NIST International School	Bangkok	10
PLANT	NOAH	Tohoku International School	Sendai	10
RAYHANR	FARHAN NAFIS	SMAN 3 BANDUNG	Bandung	10
RAZAN NAPITUPULU	M NAUFAL	SMAN Unggulan MH Thamrin	Jakarta	10
REYES BELTRAN	JUAN ESTEBAN	Colegio Jose Max Leon	Cundinamarca Cota	10
SALAZAR	MANUELA	Corporacion Colegio Los Nogale	Bogota	10
SALWA LUTHI	AQILAH	SMAN BANUA KALSEL	KAB. BANJAR	10
SENGOR	CEMRE	Ozel Bursa Bilfen Science H.S	Bursa	10
SEVINDIK	BUSE	Itu Gvo Ekrem Elginkan H.S.	Istanbul	10
SEZGIN	ALPARSLAN	Metu DF High School - Ankara	Ankara	10
SIANIPAR	GABRIEL	Raffles International Christia	Jakarta Selatan	10
SIDOROV	ALEXANDER	International School of Riga S	Riga	10
SINDKAR	ADITI	Indian Language School	Lagos	10
SINGHAL	EDHITA		Mumbai	10
SUBASI	KUBRA	Private Bilfen Cayyolu Science	Ankara	10
TANIA	GIDEON	SMA Kristen Yahya	Bandung	10
TASDELEN	DELFIN	ODTU Mersin College	Mersin	10
TUT S	YIGIT	Tarsus American College	Tarsus/Mersin	10
VENKET SUBRAMANIAN	KEYUSH	Indian Language School	Lagos	10
VICTORY HAOKEN	ALISA	Sinarmas World Academy	BSD City	9
WIJAYA	VIVIEN	SMA Swasta Sutomo 1 Medan	MEDAN	10
WILLYSKA	WINNY	SMA Swasta Sutomo 1 Medan	MEDAN	10
YARI	SHEYDA	Young Mathematician Associatio	Tehran	10
YILDIZ	EGEMEN	American Collegiate Institute	Izmir	10
YILMAZ	ASLI	Bahcesehir Eskisehir College	Eskisehir	10
YILMAZ	EFE	Ozel Anabilim Anadolu Lisesi	Istanbul	10
YILMAZ	IPEK	Odtu G.V. Ozel Denizli Ilkogre	Denizli	10