



# Concours canadien de mathématiques

An activity of The Centre for Education in Mathematics and Computing, University of Waterloo, Waterloo, Ontario Une activité du Centre d'éducation en mathématiques et en informatique, Université de Waterloo, Waterloo, Ontario

2002 Results

Gauss Contest

(Grades 7 & 8)

2002 Résultats

Concours Gauss

(7° et 8° années – Sec. I et II au Québec)

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## **Competition Organization**

#### **Organisation du Concours**

**Executive Committee / Comité exécutif**Barry Ferguson, (Director / directeur),

Peter Crippin, Ruth Malinowski, Ian VanderBurgh

Computer Operation / Ordinatique Steve Breen, University of Waterloo / Université de Waterloo

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Gauss Contest Report Compilers /

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Publications / Publications

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John Barsby, St. John's-Ravenscourt School, Winnipeg

Jean Collins, (Retired / Retraité), Thornhill

Ron Scoins, University of Waterloo / Université de Waterloo

#### 2002 Gauss Contest Committee

Comité Gauss 2002

Bob McRoberts (Chair)

Dr. G. W. Williams Secondary School

Aurora, Ontario

Richard Auckland

Southwold Public School

St. Thomas, Ontario

ot. Thomas, Ontario

Mark Bredin (Associate Chair) St. John's-Ravenscourt School

St. John's-Ravenscourt Scho

Winnipeg, Manitoba

Sandy Emms Jones

Forest Heights Collegiate Institute

Kitchener, Ontario

Joanne Halpern Toronto, Ontario David Matthews University of Waterloo Waterloo, Ontario

John Grant McLoughlin

Memorial University of Newfoundland

St. John's, Newfoundland

Patricia Tinholt

Valley Park Middle School

Don Mills, Ontario

Sue Trew

Holy Name of Mary Secondary School

Mississauga, Ontario

Comments Commentaires



Barry A. Ferguson

The Gauss Contests are the first in a series of mathematics contests administered by the CMC for students in Canadian schools. In 2002, 195 000 students enrolled at all levels, with just over 77 000 writing the Gauss paper.

Mathematics contests, as designed by the Canadian Mathematics Competition, have several goals. The first, and by far the most important, is to provide an enrichment activity that complements the school curriculum and helps students develop their capability to solve challenging problems. Other goals include; providing an enjoyable extra-curricular activity for students and teachers, encouraging the pursuit of excellence, and awakening in students an awareness of their mathematical ability. We believe that students who prepare for and write mathematics contests will derive much enjoyment and satisfaction from successfully solving new and challenging problems. In addition, contests provide teachers with a library of problems suitable for classroom use.

While many people like to use contest results to compare their students to others, this is not the intent. There is no passing or failing grade on a contest, there is only an individual's own self comparison to be concerned about. Hopefully students can learn through their experiences writing contests, both about mathematics and themselves. This is why we do not publish comparative results of any form for the Gauss Contest.

This report includes a summary of student performance on the 2002 Gauss Contests. We do not have statistics for all students since reporting results in voluntary, but the enclosed results represent more than 37 000 of the participants. The median scores were considerably higher this year; 97.1 in grade 7 and 90.6 in grade 8. This is due to several factors including a more accessible early part of the paper, and, perhaps, the increase in reported results. All participants are to be congratulated, and I hope that you continue to derive some enjoyment from participation in Our contests.

Barry A. Ferguson
Director

Les Concours Gauss sont les premiers d'une série de concours de mathématiques administrés dans les écoles canadiennes par le Concours canadien de mathématiques. En 2002, des 195 000 étudiants inscrits aux différents cycles, près de 77 000 ont relevé le défi Gauss.

Les concours de mathématiques conçus par le Concours canadien de mathématiques poursuivent plusieurs objectifs. Le premier, et de loin le plus important, consiste à présenter une activité d'enrichissement qui vient s'ajouter aux programmes d'études tout en permettant aux étudiants d'accroître leur habileté à résoudre des problèmes difficiles. Ces concours présentent aussi aux enseignants comme aux étudiants une activité parascolaire agréable, qui encourage la recherche de l'excellence et amène les étudiants à prendre conscience de leurs aptitudes en mathématiques. Nous considérons que les étudiants qui se préparent à ces concours et relèvent le défi retirent beaucoup de plaisir et une grande satisfaction à trouver la solution de problèmes nouveaux et stimulants. Ces concours viennent de plus enrichir les banques de problèmes des enseignants d'une moisson de nouveaux problèmes à présenter en classe.

Les concours servent souvent de prétexte à la comparaison des résultats de ses élèves avec ceux d'autres classes ou d'autres écoles. Bien entendu, les concours ont un tout autre objectif. Ils visent avant tout à renseigner les participants au sujet de leur progression, d'où l'absence de note de passage. Nous souhaitons vivement que les concours soient une riche source d'apprentissage pour la population étudiante tant sur le plan mathématique que personnel. Voilà pourquoi nous ne publions pas de bulletins comparatifs du Concours Gauss.

Vous trouverez dans le présent rapport un bilan du rendement des élèves lors de l'édition 2000 des concours Gauss. Nous ne disposons pas de données statistiques de tous les participants, la transmission des résultats n'étant pas obligatoire. Le rapport présente cependant les résultats de plus de trente-sept mille d'entre eux. Les notes moyennes de la dernière édition sont particulièrement élevées□: 97,1 p. cent pour les élèves de septième année et 90,6 p. cent pour ceux de huitième. On peut attribuer ces résultats à de nombreux facteurs, dont une première partie plus facile et, sans doute, le nombre accru de résultats transmis. Nous tenons à féliciter tous les élèves qui y ont participé. Nous espérons que nos concours continueront à les pas-

sionner et qu'ils y participeront à

**Enrolment** Inscription

# Student Enrolment by Province / Inscriptions Classées par Province

Newfoundland / Terre-Neuve	2259	Ontario / Ontario	49 128
Nova Scotia / Nouvelle-Écosse	444	Manitoba / Manitoba	1351
New Brunswick / Nouveau-Brunswick	526	Saskatchewan / Saskatchewan	533
P.E.I. / Ile du Prince-Édouard	233	Alberta / Alberta	3315
Québec / Québec	7246	British Columbia / Colombie-Britannique	12 358

Total enrolment / Nombre d'inscriptions individuelles: 77 393

## **Statistics for Canada**

# Statistiques pour le Canada

Number of students represented / Nombre d'élèves: 37 862

#### Grade 7

# 7<sup>e</sup> année (Sec. I au Québec)

Number of schools represented / Nomb	ore d'écoles –	878	
Number of students represented / Nom	ıbre d'élèves –	19 451	
Median / Médiane –		97.09	
Marks Points	Number of Stu Nombre d'élé		Approximate Percentage of Students Pourcentage approximatif du nombre d'élèves
125 – 150	3423		17.60
100 - 124	5830		29.97
85 – 99	3714		19.09
70 - 84	3034		15.60
55 – 69	1993		10.25
40 - 54	1046		5.38
Below 40 / au-dessous de 40	411		2.11

#### Grade 8

## 8º année (Sec. II au Québec)

Number of schools represented / Nombre of	l'écoles –	767
Number of students represented / Nombre	d'élèves –	18 411
Median / Médiane –		90.65
Marks	Number of Students	

Marks Points	Number of Students Nombre d'élèves	Approximate Percentage of Students Pourcentage approximatif du nombre d'élèves
125 – 150	1328	7.21
100 - 124	5262	28.58
85 – 99	4699	25.52
70 - 84	3727	20.24
55 – 69	2012	10.93
40 – 54	953	5.18
Below 40 / au-dessous de 40	430	2.34

Students are listed in alphabetical order within each group / Dans chaque groupe, les élèves sont nommés en ordre alphabetiques

Name Nom	School École	Location Endroit	Prov Prov
Perfect Scores of 150	LCOLL	LINDROIT	TROV
	John Ware Innier High	Coloomi	A D
Kalpit Agnihotri Rachel Allison	John Ware Junior High	Calgary Toronto	AB ON
Megan Arppe-Robertson	Annette Street Public School King George Public School	Guelph	ON
Carole Au Yeung	St. Monica Catholic School	Markham	ON
Sandy Bae	Woodbine Junior High School	North York	ON
Michael Barbalinardo	Lester B. Pearson Public School	Aurora	ON
Paschale-Noël Bégin	Mont-Saint-Sacrement	St. Gabriel-de-Valcartier	QC
Jared Bell	West Island College	Dollard des Ormeaux	ON
Valerie Berger	Collége Jean de la Mennais	La Prairie	QC
Daniel Bergman	Mennonite Brethren Collegiate	Winnipeg	MB
Thierry Bisaillon-Lefebvre	Collège Saint-Alexandre	Gatineau	QC
Bradley Blashko	North Saanich School	Victoria	BC
Carolyn Blenkhorn	Errol Village School	Camlachie	ON
Adina Bodolan	Zion Heights Junior High School	Toronto	ON
Andrey Borodin	Milne Valley Middle School	North York	ON
Marc-Olivier Brault	Le collége international L'odyssée	Ottawa	ON
Scott Brown	Erma Stephenson School	Surrey	BC
Constantin Bucataru	Willowdale Middle School	Toronto	ON
Josh Burley	King George Public School	Guelph	ON
Megan Burton-Brown	Eric Hamber Secondary School	Vancouver	BC
Joel Butchana	The Valleys Senior Public School	Mississauga	ON
Matric Cai	F. E. Osborne Junior High	Calgary	AB
Simon Caissy	Polyvalente Forimont	Causapscal	QC
Jessa Cameron	Lakeview Elementary	Burnaby	BC
Warren Carpani	Errol Village School	Camlachie	ON
Kaitlyn Carson	Cobden District Public School	Cobden	ON
Mathieu Chamois	St. Thomas Aquinas	Oshawa	ON
Alvin Chan	Upper Canada College Prep. School	Toronto	ON
Jonathan Chan	Gilpin	Burnaby	BC
Laurent Charette	Collège Saint-Alexandre	Gatineau	QC
Shomesh Chaudhuri	Kitchener-Waterloo Bilingual School	Waterloo	ON
Ian Chen	Osler School	Vancouver Toronto	BC
Alfonso Cheng	Upper Canada College Prep. School	Richmond Hill	ON
Johnny Cheong Ashley Cheung	Crosby Heights Public School University of Toronto Schools	Toronto	ON ON
Nathan Cheung	Crescent School	Willowdale	ON
Pierre Cheung	Osler School	Vancouver	BC
Raymond Cheung	Lloyd George School	Vancouver	BC
Brenda Chiang	University of Toronto Schools	Toronto	ON
Benjamin Chin	Castlemore Public School	Markham	ON
Michael Ching	Upper Canada College Prep. School	Toronto	ON
Sabrina Choi	Windfields Junior High School	North York	ON
Vincent Choy	St. Francis Xavier School	Vancouver	BC
Freeyon Chung	Ramer Wood Public School	Markham	ON
Mark Chung	Fletcher's Creek Senior Public School	Brampton	ON
Samantha Chung	Agnes Macphail Public School	Scarborough	ON
Allissa Clements	Mountainview Elementary	Williams Lake	BC
Jonathan Cluett	Annandale Public School	Tillsonburg	ON
Brendan Connery	Mazo de la Roche	Newmarket	ON
Simon Cooke	École River Heights School	Winnipeg	MB
Stephen Crawford	University of Toronto Schools	Toronto	ON
David Dai	Windfields Junior High School	North York	ON
Arthur DaSilva	St. Paul's School	Richmond	BC
Gregory Deelstra	Lambton Home School	Wyoming	ON
Jacqualyn Deighton	Torquay Elementary	Victoria	BC
Simon Deng	Pine Grove Public School	Woodbridge	ON
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Name	SCHOOL	Location	Prov
Nом	ÉCOLE	Endroit	Prov
Adrian Dinca	Agnes Macphail Public School	Scarborough	ON
Stephen Dong	St. Michaels	Victoria	BC
Vlad Dragan	Forest Hill Public School	Toronto	ON
Samuel Du	Crosby Heights Public School	Richmond Hill	ON
Vlad Duta	University of Toronto Schools	Toronto	ON
Félix-Antoine Edger-Sauvé	Éducation Internationale De Laval	Laval	QC
Daniel Elbirt	Spectrum Alternative	Toronto	ON
Dale Eldridge	Woodland Park School	Surrey	BC
Jonathan Erlichman	Upper Canada College Prep. School	Toronto	ON
Dallas Ewangchuk	School District No. 67 (Okanagan Skaha)	Penticton	ВС
Brian Farrenkopf	Cookstown Central School	Cookstown	ON
Kathy Feng	University of Toronto Schools	Toronto	ON
Eric Fich	Waverley Drive Public School	Guelph	ON
Megan Fitzgerald	Our Lady of Mercy	Bancroft La Prairie	ON
Tania Fong Alexander Freedman	Collége Jean de la Mennais Crescent School	Willowdale	QC ON
Jesse Friley	Webber Academy	Calgary	AB
Guillaunie Gaboury	École Secondaire Antoine-Brossard	Brossard (Longueuil)	QC
Andréanne Gagné-Ouellet	Polyvelante St-François	Beauceville	QC
Bob Gao	Sunnyside Senior Public School	Kitchener	ON
Vincent Gay-Bessette	École Secondaire Antoine-Brossard	Brossard (Longueuil)	QC
Kate Gerster	University of Toronto Schools	Toronto	ON
Konam Ghanavi	Éducation Internationale De Laval	Laval	QC
Zahra (Mona) Ghassemi	Westmount High School	Westmount	QC
Christopher Gist	Crosby Heights Public School	Richmond Hill	ON
Aaron Grant	Dolphin Senior Public School	Streetsville	ON
Kirsten Grant	Vincent Massey Public School	Ottawa	ON
Nathen Guan	Lloyd George School	Vancouver	BC
Adrian Gurau	Don Valley Junior High School	North York	ON
Adam Gutter	University of Toronto Schools	Toronto	ON
Sarah Hamill	Londonderry Junior High School	Edmonton	AB
Alexander Hamilton	Alta Vista Public School	Ottawa	ON
Vincent Hamilton	Juvénat Notre-Dame	Levis/St-Romvald	QC
Laura Hardt	Jack Miner Public School	Whitby	ON
Shaun Harland	Woodland Park School	Surrey	BC
Athena Hau	Henderson Avenue Public School Anna McCrea Public School	Thornhill Sault Ste Marie	ON ON
Tom Henry Ted Herrmann-McLeod	Greenbriar Senior Public School	Bramalea	ON
Liza Hislop	Couchiching Heights Public School	Orillia	ON
Martin Ho	Zion Heights Junior High School	Toronto	ON
Mandy Hogaboam	Charleswood Junior High	Winnipeg	MB
Peggy Hogan	Torquay Elementary	Victoria	BC
Brian Hong	Centennial	Waterloo	ON
David Huang	Lambton Home School	Wyoming	ON
Hope Huang	Greystone Heights	Saskatoon	SK
Katrina Hui	University of Toronto Schools	Toronto	ON
Jasmin Huneault-Thibadeau	Collège Saint-Alexandre	Gatineau	QC
Stephen Hung	Broadview Public School	Ottawa	ON
Etienne Hutson	Collège Saint-Alexandre	Gatineau	QC
Kent Huynh	University of Toronto Schools	Toronto	ON
Charles Hwang	St. Gabriel	Toronto	ON
Sophie Hyland	Collège Saint-Alexandre	Gatineau	QC
Kostya Indzemtsev	Ormiston Public School	Whitby	ON
Alim Ismail	Valley Park Middle School	Toronto	ON
Joanna Ji	Tomken Road Senior Public School	Mississauga	ON
Derek Jia	Bridlewood C. E. S.	Kanata	ON
Betty Jiang	Castlemore Public School	Markham	ON
Nan Jiang Chris Johnston	Harold Bishop School	Surrey St. Albort	BC
Chris Johnston	École secondaire Ste-Marguerite d'Youville	St-Albert	AB

Name	School	Location	Prov
Nom	ÉCOLE	ENDROIT	Prov
110111	Deole	Literon	I RO
Henrison Joseph	Universal Learning Centre	Scarborough	ON
Kang Kang	W. Erskine Johnston Public School	Kanata	ON
Kunal Karki	Elizabeth B. Phin	Pickering	ON
Michelle Kerr	Glad Park Public School	Stouffville	ON
Tim Khairetdinev	Willowdale Middle School	Toronto	ON
Bilal Khan	Queen Elizabeth Junior/Senior High	Calgary	AB
Sabine Khan	Valley Park Middle School	Toronto	ON
David Kim	Fieldstone Day School	Toronto	ON
Shawn Kim	Charlton Public School	Thornhill	ON
Stefanie Kischak	Greenbriar Senior Public School	Bramalea	ON
Sebastian Ko	Eric Hamber Secondary School	Vancouver	BC
Alexandra Kuzyk	St. Mary's Academy	Winnipeg	MB
Adrian Kwok	Upper Canada College Prep. School	Toronto	ON
Rachel Lam	Toronto Waldorf School	Thornhill	ON
Brian Lau	Osler School	Vancouver	BC
Cindy Lau	Aldergrove Public School	Unionville	ON
Stephanie Lau	Coppard Glen Public School	Markham	ON
Josh Lauer	Colleen and Gordie Howe Middle School	Abbotsford	BC
Adele Lay	Waverley Drive Public School	Guelph	ON
Michael Lee	University of Toronto Schools	Toronto	ON
Michelle Lee	Seaforth	Burnaby	BC
Timothy Lee	Sir Ernest MacMillan Senior Public School	Scarborough	ON
Kelly Leong	Crosby Heights Public School	Richmond Hill	ON
Tal Letourneau-Shesaf	St. John's-Ravenscourt	Winnipeg	MB
James Ross Leyland	Okotoks Home Schooling	Okotoks	AB
Calvin Li	Cummer Valley M. S.	North York	ON
David Li	Queen Elizabeth Junior/Senior High	Calgary	AB
Ellen Li	École Secondaire Antoine-Brossard	Brossard (Longueuil)	QC
Theola Li	Captain Michael VandenBos Public School	Whitby	ON
Boken Lin	King Edward Public School	Toronto	ON
Guxin Lin	Broadview Public School	Ottawa	ON
Judy Lin	Kuper Academy	Kirkland	QC
Jenny Liu	Sir John A. Macdonald Public School	Thunder Bay	ON
Joseph Liu	Semiahmoo Trail School	Surrey	BC
Yang Liu	Richmond Elementary	Victoria	BC
Hasheel Lodhia	Crescent School	Willowdale	ON
Chris Lui	Crescent School	Willowdale	ON
Eric Lum	Johnsview Village Public School	Thornhill	ON
James Lyn	Windfields Junior High School	North York	ON
Anthony Ma	St. Francis Xavier School	Vancouver	BC
Daniel Ma	Zion Heights Junior High School	Toronto	ON
Steven Ma	College Avenue Public School	Guelph	ON
Ethan Macauley	Halifax Grammar School	Halifax	NS
Gordon Maclean	Ryerson Middle School	Brantford	ON
Nathan Mak	Windfields Junior High School	North York	ON
Ricky Mak	Bayview Middle School	Willowdale	ON
Selina Mak	Lloyd George School	Vancouver	BC
Simon Mak	Brentwood Park	Burnaby	BC
Yale Mao	Gordon A. Brown Middle School	Toronto	ON
Ilavarasy Maran	RG Education Centers	Scarborough	ON
Joël Marcotte	Collège Saint-Alexandre	Gatineau	QC
James Martin	Gilpin	Burnaby	ВС
Gautam Matta	Coledale Public School	Unionville	ON
Michael McDonough	St. Demetrius	Etobicoke	ON
Jonathan McLeod	Tom Griffiths Home School	London	ON
Natalie McLeod	Ancaster Senior Public School	Ancaster	ON
Ameena Meerasa	Valley Park Middle School	Toronto	ON
Jared Mikkelsen	Montclair Public School	Oakville	ON

Name	SCHOOL	Location	Prov
Nom	ÉCOLE	ENDROIT	Prov
Brian Miller	F. E. Osborne Junior High	Calgary	AB
Jesiah Mills	Henry Hudson P. S.	Scarborough	ON
Stefan Moldovanu	Tomken Road Senior Public School	Mississauga	ON
Sanjeevan Nagaratnom	Coppard Glen Public School	Markham	ON
Anges Ng	St. Gabriel	Toronto	ON
Kevin Ng	Hawthorne Public School	Ottawa	ON
Ricky Ngan	Henderson Avenue Public School	Thornhill	ON
Karen Ngo	King Edward Public School	Toronto	ON
Daniel Niznik	St. Thomas Aquinas	Oshawa	ON
Kasey Opperman	Our Lady of Fatima School Mont-Saint-Sacrement	Belleville	ON
Marc-Alexandre Paradis	Éducation Internationale De Laval	St. Gabriel-de-Valcartier Laval	QC OC
Sagar Patel			QC
Aaron Pellow	United Synagogue Day School Don Mills Middle School	Richmond Hill Toronto	ON ON
Gary Peng Eli Pevzner			AB
Maria Piao	John Ware Junior High Lloyd George School	Calgary Vancouver	BC
Charlotte Pickell	South Perth Centennial Public School	St. Mary's	ON
Matt Pinnell	Couchiching Heights Public School	Orillia	ON
Amy Pollock	Torquay Elementary	Victoria	BC
Matthew Pon	Tempo School	Edmonton	AB
Victor Poon	University of Toronto Schools	Toronto	ON
Lauren Powell	Centennial	Waterloo	ON
Dylan Prospishell	École River Heights School	Winnipeg	MB
Jason Quek	Don Valley Junior High School	North York	ON
John Racioppo	Crescent School	Willowdale	ON
René Rail-IP	Ecole Secondaire Saint-François-Xavier	Sarnia	ON
Saurash Reddy	Vernon Barford School	Edmonton	AB
Serge Reznikov	L. H. Frechette Public School	Thornhill	ON
Yoo Ri Lee	Forest Hill Public School	Toronto	ON
Alan Richards	South Sa-Hali Elementary	Kamloops	BC
Alan Richards	South Sa-Hali Elementary	Kamloops	BC
Dany Rioux	Secondaire l'Arc-en-Ciel	Trois-Pistoles	QC
James Robinson	Rolling Meadows	Burlington	ON
Chris Rossie	Westdale School	Winnipeg	MB
Leigh Sadler	Halifax Grammar School	Halifax	NS
Jordan Saleh	Associated Hebrew School	Toronto	ON
Alexander Sampaleanu	Madeleine d'Houet	Calgary	AB
John Sampson	Bridgewater Junior Senior High	Bridgewater	NS
Rya Sciban	Queen Elizabeth Junior/Senior High	Calgary	AB
Ching See Lau	University of Toronto Schools	Toronto	ON
Joey Sham	Crosby Heights Public School	Richmond Hill	ON
Steve Sim	Maple Creek Middle School	Port Coquitlam	BC
Harpreet Singh	Markham Gateway Public School	Markham	ON
Eugene Sit	Queen Elizabeth Junior/Senior High	Calgary	AB
Sajeepan Sivasooriyan	V V Tutoring Centre	Scarborough	ON
Trevor Smart	Departure Bay Elementary	Nanaimo	BC
Josh Smith	Mountainview Elementary	Williams Lake	BC
Logan Smith	Charleswood Junior High	Winnipeg	MB
Herman So	Holy Spirit Catholic School	Toronto	ON
Stanley So	University of Toronto Schools	Toronto	ON
Marc Soares	St. Jude Catholic School	Ajax	ON
Jeffrey Somlo	Associated Hebrew School	Toronto	ON
Andrew Song	Ancaster Senior Public School	Ancaster	ON
Belle Song	Broadview Public School	Ottawa	ON
John Song	Cummer Valley M. S.	North York	ON
Nancy Song	Pleasant View Junior High School	North York	ON
Renaud Soucy La Roche	Collège Saint-Alexandre	Gatineau	QC
Edward Sperling	Vernon Barford School	Edmonton	AB
Nickolas Spicer	École publique St-Joseph	Penetanguishene	ON

Name	School	Location	Prov
Nom	École	ENDROIT	Prov
	** ***		
Andrew Sripalan	Hazel McCallion Senior Public School	Mississauga	ON
Duluxan Sritharan Julie St-Jean	Vernon Barford School	Edmonton La Prairie	AB
Charlie Sun	Collége Jean de la Mennais Pleasant View Junior High School	North York	QC ON
Sam Sun	W. Erskine Johnston Public School	Kanata	ON
Xiao Sun	Tom Baines	Calgary	AB
Jamie Supeene	Courtland Senior Public School	Kitchener	ON
Alex Surges	Dolphin Senior Public School	Streetsville	ON
Katarzyna Swica	Holy Jubilee	Maple	ON
Joe Tallis	Cedarview Middle School	Nepean	ON
Terrance Tam	St. Henry	Toronto	ON
Jayesh Tigdi	RG Education Centers	Scarborough	ON
Michelle Ting	Henderson Avenue Public School	Thornhill	ON
Jeffrey To	Lord Nelson Elementary	Vancouver	BC
Michelle Tong	Castlemore Public School	Markham	ON
Ronald Trac	Churchill Heights Public School	Scarborough	ON
Jessica Truong	Dr. Marion Hilliard Senior Public School	Toronto	ON
Greg Tsang	Crescent School	Willowdale	ON
Jacky Tsang	Johnsview Village Public School	Thornhill	ON
Janice Tsang	Pleasant View Junior High School	North York	ON
Kurtis Vallee	St. Patrick's School	Victoria	BC
Maurits Van Der Hoorn Jonathan Verrett	Queen Elizabeth Junior/Senior High	Calgary Ottawa	AB
	Vincent Massey Public School	Toronto	ON ON
Abi Vijenthira Andrew Vogt	University of Toronto Schools École River Heights School	Winnipeg	MB
Josh Wallace	St. Theresa's School	Brantford	ON
Michael Wan	St. Francis Xavier School	Vancouver	BC
David Wan	Franklin Street Public School	Markham	ON
Betty Wang	Milne Valley Middle School	North York	ON
David Wang	Greystone Heights	Saskatoon	SK
Lily Wang	Bothwell Elementary	Surrey	BC
Robert Wang	King George Public School	Guelph	ON
Curtis Williams	Ancaster Senior Public School	Ancaster	ON
Kyle Willick	Silver Birches Senior School	North Bay	ON
Chapmann Wong	Osler School	Vancouver	BC
Crystal Wong	Castlemore Public School	Markham	ON
Kimberly Wong	Agnes Macphail Public School	Scarborough	ON
Raymond Wong	Westview School	Hamilton	ON
Samantha Wong	St. John's-Ravenscourt	Winnipeg	MB
Steve Wong	Willowdale Middle School	Toronto	ON
Chris Wu	Westwood Junior High School	Toronto	ON ON
Kitty Wu Xinny Wu	Broadview Public School Milne Valley Middle School	Ottawa North York	ON
Andy Xia	Lloyd George School	Vancouver	BC
Kenny Xu	Bothwell Elementary	Surrey	BC
Shelly Xu	Broadview Public School	Ottawa	ON
Wilson Yeung	Eric Hamber Secondary School	Vancouver	BC
Sophia Yi	Lloyd George School	Vancouver	BC
Jennifer Yip	Franklin Street Public School	Markham	ON
Mike Yodzis	King George Public School	Guelph	ON
Saarangan Yogorasa	RG Education Centers	Scarborough	ON
Lucy Yuan	Lloyd George School	Vancouver	BC
Haiyang Yue	Fairwind Senior	Mississauga	ON
Ben Zhang	School District No. 67 (Okanagan Skaha)	Penticton	BC
June Zhang	Broadview Public School	Ottawa	ON
Lisa Zhang	Pierre Laporte Middle School	Toronto	ON
Wen Yen (Annie) Zhang	Parkdale Public School	Toronto	ON
Fred Zhao	Highgate Public School	Markham	ON
Bo Zheng	Sunnyside Senior Public School	Kitchener	ON
Fatima Zulqarnain	Michael Cranny E. S.	Maple	ON
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Students are listed in alphabetical order within each group / Dans chaque groupe, les élèves sont nommés en ordre alphabetiques

1			
Name	<b>Ş</b> CHOOL	Location	Prov
Nom École		Endroit	Prov
Perfect Scores of 150			
Fuad Al-Amin	Valley Park Middle School	Toronto	ON
Peter Badea	Crosby Heights Public School	Richmond Hill	ON
Megan Bagley	W. H. Morden School	Oakville	ON
Alfred Chan	University of Toronto Schools	Toronto	ON
Jonathan Chan	Upper Canada College Prep.	Toronto	ON
James Chen	Charles London Secondary	Richmond	BC
Jeffrey Chen	Pleasant View Junior High School	North York	ON
Michael Chen	University of Toronto Schools	Toronto	ON
Mo Chen	Windermere Secondary	Vancouver	BC
Yolanda Cheung	Cummer Valley M. S.	North York	ON
Jaclyn Chiang	University of Toronto Schools	Toronto	ON
Arthur Ching	Zion Heights Junior High School	Toronto	ON
Sam Chippin	United Synagogue Day School-Bayview	Willowdale	ON
Derek Chiu	Crescent School	Willowdale	ON
Rachel Chow	Zion Heights Junior High School	Toronto	ON
Vincent Collins Winston Cui	Eric Hamber Secondary School The Woodland Senior Public School	Vancouver	BC
Patrick Dornian	Home School	Mississauga	ON AB
Nathan Dyck	W. H. Morden School	Calgary Oakville	ON
Peter Forbes	Couchiching Heights Public School	Orillia	ON
Andrew Fox	University of Toronto Schools	Toronto	ON
Olga Golubeva	Mont-Royal	Mont-Royal/Montréal	QC
Johathan Gregory	Jack Miner Public School	Whitby	ON
Chris Hennick	Gordon A. Brown Middle School	Toronto	ON
Cameron Howieson	University of Toronto Schools	Toronto	ON
Curtis Huang	Annette Street Public School	Toronto	ON
Steven Huang	Woodbine Junior High School	North York	ON
Neil Issar	Trinity College School	Port Hope	ON
Lucas Johnson	Jack Miner Public School	Whitby	ON
Patrick Kaifosh	University of Toronto Schools	Toronto	ON
Galen Kan	Sir Ernest MacMillan Senior Public School	Scarborough	ON
Steven Keating	F. E. Osborne Junior High	Calgary	AB
Daniel Kim	Yorkhill Elementary School	Thornhill	ON
Koji Kobayashi	David Thompson Secondary School	Vancouver	BC
Sekoul Krastev	École Secondaire Antoine-Brossard	Brossard (Longueuil)	QC
Runjun Kumar	Grant Park High School	Winnipeg	MB
Dinush Lankage	Zion Heights Junior High School	Toronto	ON
Peter Le	Pierre Laporte Middle School	Toronto	ON
Brian Lee	Coledale Public School	Unionville	ON ON
Peter Lee Sang-Joon Lee	Dolphin Senior Public School Stewarttown Middle School	Streetsville Georgetown	ON
Marisa Leon-Carlyle	University of Toronto Schools	Toronto	ON
Queenie Leung	Oakville Christian School	Oakville	ON
Sabastian Leung	VSB/UBC Transition Program	Vancouver	BC
Roland Li	University of Toronto Schools	Toronto	ON
Yi-Xiao Liang	Broadview Public School	Ottawa	ON
Polong Lin	Cummer Valley M. S.	North York	ON
Scott Lin	Moscrop Secondary	Burnaby	ВС
Arthur Ling	University of Toronto Schools	Toronto	ON
Elliot Lipnowski	St. John's-Ravenscourt	Winnipeg	MB
Joshua Liu	St. Henry	Toronto	ON
Yiannis Loizides	Hawthorne Public School	Ottawa	ON
Riley Louie	VSB/UBC Transition Program	Vancouver	BC
Jennifer Luong	University of Toronto Schools	Toronto	ON
William Ma	Laurelwood Public School	Waterloo	ON

Name Nom	School École	Location Endroit	Prov Prov
			OM
Nathan Major	St. Peter Catholic High School	Orleans	ON
Andrew May	University of Toronto Schools	Toronto	ON
Danny McDonald	Broadview Public School	Ottawa	ON
Daniel Mills	Bishop Pinkham Junior High	Calgary	AB
Christian Nesrallah	Glashan Public School	Ottawa	ON
David Noel	The King's School	Winnipeg	MB
Farah Pabani	University of Toronto Schools	Toronto	ON
Kate Pachal	Home School	Cobble Hill	BC
Juwon Park	Tomken Road Senior Public School	Mississauga	ON
Richard Peng	Kent Senior Public School	Toronto	ON
Mathieu Perreault-Dorion	Éducation Internationale De Laval	Laval	QC
Cristina Pop	VSB/UBC Transition Program	Vancouver	BC
Peter Qiu	Sir Winston Churchill	Nepean	ON
Adrienne Radan-Lazic	Camilla Senior	Mississauga	ON
Umaibalan Ravichandran	Lyndwood Public School	Mississauga	ON
Paul Reginato	Sunnyside Senior Public School	Kitchener	ON
Tatiana Romanova	Forest Hill Public School	Toronto	ON
Julianna So	Henry Kelsey Senior Public School	Agincourt	ON
James Sun	Woodbine Junior High School	North York	ON
Elain Tang	Edenwood Public School	Mississauga	ON
Ran Tao	École Secondaire Antoine-Brossard	Brossard (Longueuil)	QC
Richard To	Zion Heights Junior High School	Toronto	ON
Natalie Tong	St. Henry	Toronto	ON
Jacob Tsimerman	University of Toronto Schools	Toronto	ON
Clarence Tso	Upper Canada College Prep.	Toronto	ON
Curtis Wang	Upper Canada College Prep.	Toronto	ON
Feng Wang	Bridlewood C. E. S.	Kanata	ON
Isabelle Wang	W. Erskine Johnston Public School	Kanata	ON
Oliver Watt-Meyer	Upper Canada College Prep.	Toronto	ON
Alex Wice	Gordon A. Brown Middle School	Toronto	ON
Charles Wong	Henderson Avenue Public School	Thornhill	ON
Zoe Wong	University of Toronto Schools	Toronto	ON
Jeremy Wright	Jack Miner Public School	Whitby	ON
Rachel Xai	Broadview Public School	Ottawa	ON
Daniel Ye	Sir Winston Churchill	Vancouver	BC
Yan Yin	Woodbine Junior High School	North York	ON
George Yuan	Johnston Heights Secondary School	Surrey	BC
Chris Yung	Eric Hamber Secondary School	Vancouver	ВС
Jane Zhang	Broadview Public School	Ottawa	ON
Amy Zhao	Camilla Senior	Mississauga	ON
Yufei Zhao	Westwood Junior High School	Toronto	ON
Jamai Zhou	Castlemore Public School	Markham	ON
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#### Perfect Scores of 150 for Grade 7 Students

Sunil Agarwal I.C.A.E. Troy, Michigan

Erdogan Can Uskudar Sev Elementary Uskudar-Istanbul, Turkey Çorapçioglu Cem Uskudar Sev Elementary Uskudar-Istanbul, Turkey

Akshay Desai I.C.A.E. Troy, Michigan

Yücel Oytun Emre Uskudar Sev Elementary Uskudar-Istanbul, Turkey

Shi-Jeng Winston Goan Troy, Michigan I.C.A.E. Temple He I.C.A.E. Troy, Michigan Harsha Hebbate I.C.A.E. Troy, Michigan Tomoko Hikiyama International School of Brussels Bruxelles, Belgium Troy, Michigan Helena Kang I.C.A.E. Fanny Lau Phoenix International School Kowloon, Hong Kong Sally Lee Tianjin International School Tianjin, China

Benjamin Lin I.C.A.E. Troy, Michigan

Chiyo Nishio Nagoya International School Nagoya, Japan
Kiliç Özgün Uskudar Sev Elementary Uskudar-Istanbul, Turkey

Alan Pezeshki I.C.A.E. Troy, Michigan

Bilgiç Seniye Pinar Uskudar Sev Elementary Uskudar-Istanbul, Turkey

Nishanth Reddy I.C.A.E. Troy, Michigan

Da Weop Pyu Tioniin International School Tioniin China

Da Weon RyuTianjin International SchoolTianjin, ChinaKalyan SreeramI.C.A.E.Troy, MichiganAmy Werner AllenI.C.A.E.Troy, Michigan

Alexander Wong Chinese International School Braemar Hill, Hong Kong Andrew Yip Chinese International School Braemar Hill, Hong Kong

Dawson Zhou I.C.A.E. Troy, Michigan

#### Perfect Scores of 150 for Grade 8 Students

Vivek Behera I.C.A.E. Troy, Michigan

Bekdemir Ahmet Burak Uskudar Sev Elementary Uskudar-Istanbul, Turkey Swaroop Hebbale I.C.A.E. Troy, Michigan

Swaroop HebbaleI.C.A.E.Troy, MichiganAnuj LalI.C.A.E.Troy, MichiganArnav MoudgilI.C.A.E.Troy, MichiganTroy, MichiganTroy, Michigan

Bastopçu Osman Murat Uskudar Sev Elementary Uskudar-Istanbul, Turkey Öder Sezai Osman Uskudar Sev Elementary Uskudar-Istanbul, Turkey

Aditya SivaramanI.C.A.E.Troy, MichiganRichard TaoI.C.A.E.Troy, MichiganMichiyoshi ToyaInternational School of GenevaGeneva , Switzerland

Içingir Hasan Tuna Uskudar Sev Elementary Uskudar-Istanbul, Turkey Remus Wong Chinese International School Braemar Hill, Hong Kong Wendy Ving I C A F.

Wendy YingI.C.A.E.Troy, MichiganXiayi ZhangI.C.A.E.Troy, MichiganJohn ZhouI.C.A.E.Troy, Michigan

