

# Canadian Mathematics Competition



An activity of The Centre for Education  
in Mathematics and Computing,  
University of Waterloo, Waterloo, Ontario

# Concours canadien de mathématiques

Une activité du Centre d'éducation  
en mathématiques et en informatique,  
Université de Waterloo, Waterloo, Ontario

## 2002 Results

### *Euclid Contest* (Grade 12)

for the  
**The CENTRE for EDUCATION in  
MATHEMATICS and COMPUTING**  
Awards

## 2002 Résultats

### *Concours Euclid* (12<sup>e</sup> année - Sec. V)

pour les prix  
**Le CENTRE d'ÉDUCATION en  
MATHÉMATIQUES et en INFORMATIQUE**

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## The Competition Organization

## Organisation du Concours

<b>Executive Committee / Comité exécutif</b>	Barry Ferguson (Director / Directeur), Peter Crippin, Ruth Malinowski, Ian VanderBurgh
<b>Euclid Committee / Comité Euclide</b>	Steve Brown, (Chair / président), University of Waterloo Bill Bisset, (retired / retraité), Toronto George Bluman, University of British Columbia Richard Hoshino, Dalhousie University, Halifax Garry Kiziak, Burlington Central H.S., Burlington Darren Luoma, Bear Creek S.S., Barrie John Savage, (retired / retraité), Sudbury Ross Willard, University of Waterloo
<b>Chief Markers / Correcteurs en chef</b>	Steve Brown, University of Waterloo Bill Bisset (retired / retraité), Toronto Lloyd Auckland, University of Waterloo
<b>Marking Chairs / Présidents des comités de correction Waterloo Centre / à Waterloo</b>	Enzo Carli, University of Waterloo Tom Griffiths, (retired / retraité), London Anita Santin, (retired / retraité), Waterloo Mike McNally, Lower Canada College, Montréal
<b>Montréal Centre / à Montréal Winnipeg Centre / à Winnipeg</b>	John Barsby, St. John's-Ravenscourt School, Winnipeg Mark Bredin, St. John's-Ravenscourt School, Winnipeg
<b>Vancouver Centre / à Vancouver Newfoundland Centre / à Terre-Neuve New Brunswick Centre / à Nouveau-Brunswick</b>	George Bluman, University of British Columbia Don Rideout, Memorial University Maureen Tingley, University of New Brunswick
<b>Director of Operations / Le directeur d'operation</b>	Barry Ferguson, University of Waterloo
<b>Computer Operation / Ordinateur</b>	Steve Breen, University of Waterloo Don Cowan, University of Waterloo
<b>Publications / Publications</b>	Bonnie Findlay, University of Waterloo
<b>Preparation of Materials / Documentation</b>	Bonnie Findlay, University of Waterloo
<b>French Edition / Version française</b>	André Ladouceur, Réseau de l'est, Vanier Robert Laliberté, École secondaire publique Louis-Riel, Gloucester Gérard Proulx, Collège Catholique Franco-Ouest, Ottawa Rodrigue St-Jean, École secondaire Embrun, Embrun
<b>Technical Assistants / Adjoints à la technique</b>	Joanne Kursikowski, Linda Schmidt, Kim Schnarr, Yousif Braz, Stéphane Doiron, Judy Fox
<b>Validation Committee / Comité de validation</b>	John Barsby, St. John's-Ravenscourt School, Winnipeg Jean Collins, (retired / retraité), Thornhill Tom Griffiths, (retired / retraité), London Frank Rachich (retired / retraité), Ingersoll Ron Scoins, University of Waterloo, Waterloo

**The CENTRE for EDUCATION  
in MATHEMATICS and  
COMPUTING**



**Le CENTRE d'ÉDUCATION  
en MATHÉMATIQUES et  
en INFORMATIQUE**



Peter Crippin

The Centre for Education in Mathematics and Computing is pleased to have sponsored the Euclid Competition in the year 2002. We are proud to be part of an activity that has provided mathematical enrichment and problem solving to students in schools for the past 39 years.

The mathematical and computer sciences have enjoyed unprecedented growth, and will continue to do so in the future. The study of mathematics and computer science provides young people with excellent preparation for a wide range of rewarding opportunities in many fields, many of which are not directly related to these fields at present. This abundance of opportunities comes not just from technical skills, but also from problem solving, logical thinking and interpersonal skills which are learned when studying in these areas. Challenges presented represent the opportunity to tackle problems that are interesting and which have real social implications for our society. Students in these areas are on the edge of a significant and profound change.

With the ending of the Descartes contest, the Euclid contest will now be the contest that students from across the country will be writing when they graduate from high school. It will continue to be problem solving in nature and hopefully will have problems that will be of interest to students and teachers alike.

Lastly, I would like to congratulate all those who wrote this year's Euclid contest. We hope that you have enjoyed the experience and we look forward to your continued participation in mathematical problem solving activities in the future.

Le Centre d'éducation en mathématiques et en informatique est fier d'avoir parrainé l'édition 2002 du concours Euclide. Depuis trente-neuf ans, il donne aux élèves la possibilité d'enrichir leurs connaissances en mathématiques et en résolution de problèmes.

Les mathématiques et l'informatique connaissent un engouement sans précédent qui ne peut que se poursuivre. Ce type de formation fournit aux jeunes une préparation de choix pour relever un éventail de défis dans bon nombre de disciplines qui ne sont pas directement liées à ces deux champs d'études. Ces défis multiples leur permettent non seulement d'acquérir des aptitudes techniques, mais aussi en résolution de problèmes, en raisonnement logique et en relations interpersonnelles. Les problèmes à résoudre suscitent un intérêt réel et ont des implications sociales. Les élèves que ces disciplines intéressent pourront éventuellement participer aux changements importants et profonds à venir.

La fin du concours Descartes marque le début du concours Euclide à titre de concours national pour les élèves qui terminent leurs études secondaires et qui s'intéressent à la résolution de problèmes. Nous espérons que les problèmes présentés plairont autant aux élèves qu'au personnel enseignant.

En terminant, je souhaite féliciter tous les participants de l'édition 2002 du concours Euclide. J'espère que vous avez trouvé l'expérience enrichissante et que vous continuerez de participer aux activités de résolution de problèmes.

*Peter Crippin*

Director

Centre for Education in Mathematics and Computing

*Peter Crippin*

Directeur

Le Centre d'Education en Mathématiques et en Informatique

**Canadian Mathematics Competition  
Concours canadien de mathématiques**



Barry A. Ferguson

Comments to follow.

Commentaires à suivre.

**STUDENTS / ÉLÈVES**

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

<b>Gold Medals / Médailles d'or</b>	Peter Du	Sir Winston Churchill High School	Calgary, Alberta
	Sumudu Fernando	Harry Ainlay Composite High School	Edmonton, Alberta
	Andrew Mao	H.B. Beal Secondary School	London, Ontario
	Andrew Wang	Earl Haig Secondary School	North York, Ontario
	Dongbo Yu	Don Mills Collegiate Institute	Don Mills, Ontario

**TEAMS / ÉQUIPES**

Champion / Première :	Vincent Massey Secondary School	Windsor, Ontario
Second / Deuxième :	Don Mills Collegiate Institute	Don Mills, Ontario
Third / Troisième :	Western Canada High School	Calgary, Alberta
Fourth / Quatrième :	Woburn Collegiate Institute	Toronto, Ontario
Fifth / Cinquième :	Earl Haig Secondary School	North York, Ontario
Sixth / Sixième :	David Thompson Secondary School	Vancouver, British Columbia

## The Centre for Education in Mathematics and Computing Prize List / Liste des prix de la Centre d'Éducation en Mathématiques et en Informatique

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

**Cash Prizes (\$500 each) / Prix en argent (500 \$ chacun)**

Peter Du	Sir Winston Churchill High School	Calgary, Alberta
Sumudu Fernando	Harry Ainlay Composite High School	Edmonton, Alberta
Andrew Mao	H.B. Beal Secondary School	London, Ontario
Dongbo Yu	Don Mills Collegiate Institute	Don Mills, Ontario

**Book Prizes / Prix en livres**

Olena Bormashenko	Don Mills Collegiate Institute	Don Mills, Ontario
Maximillan Butler	Tom Griffiths Home School	London, Ontario
Paul Cheng	West Vancouver Secondary School	West Vancouver, British Columbia
Alexander Fink	Queen Elizabeth High School	Calgary, Alberta
Tianyi Han	Woburn Collegiate Institute	Toronto, Ontario
Jenny Yue Jin	Earl Haig Secondary School	North York, Ontario
Hyon Lee	Vincent Massey Secondary School	Windsor, Ontario
Charles Li	Western Canada High School	Calgary, Alberta
Robin Li	St. Patrick Secondary School	Toronto, Ontario
Song Yue	Queen Elizabeth High School	Calgary, Alberta

The Canadian Mathematics Competition is grateful for the support of the Centre for Education in Mathematics and Computing in providing prizes to the top competitors in the Euclid Mathematics Contest.

Le Concours canadien de mathématiques remercie la Centre d'éducation en mathématiques et en informatique qui fournit les prix aux gagnants du Concours de mathématiques Euclide.

Please note that a student may not be a prize recipient in the Euclid Contest and in the Descartes Contest in the same year. Awards listed are at the discretion of the Executive Committee of the Canadian Mathematics Competition.

Veillez noter qu'un étudiant ne peut recevoir un prix la même année à la fois dans le Concours Euclide et dans le Concours Descartes. Les prix indiqués le sont à la discrétion du Comité exécutif du Concours canadien de mathématiques.

## Distribution of Marks

## Distribution des points

SCORE NOTE	PERCENTAGE OF STUDENTS POURCENTAGE DES ETUDIANTS	CUMULATIVE PERCENTAGE POURCENTAGE ACCUMULE
71-100	4.9	4.9
66-70	3.7	8.6
61-65	4.7	13.3
56-60	6.1	19.4
51-55	7.8	27.2
46-50	8.3	35.5
41-45	9.1	44.6
36-40	10.2	54.8
31-35	9.6	64.4
26-30	8.8	73.2
21-25	8.3	81.5
0-20	18.5	100.0
9443 STUDENTS		AVERAGE MARK 38.67
9443 ELEVES		MOYENNE 38.67
MARK 1	24.46	
MARK 2	11.25	
MARK 3	2.96	

This chart above pertains to all competitors. / Le graphique précédent s'applique à tous les concurrents.

## Averages

## Moyenne

1.	7.9
2.	6.5
3.	4.3
4.	5.8
5.	4.4
6.	3.7
7.	3.1
8.	2.3
9.	0.5
10.	0.1

Please visit our web site at:  
[www.cemc.uwaterloo.ca](http://www.cemc.uwaterloo.ca)  
to download the 2002 Euclid Contest, plus full solutions.

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Veuillez visiter notre site Web à  
[www.cemc.uwaterloo.ca](http://www.cemc.uwaterloo.ca)  
pour télécharger les concours Euclide 2002, avec solutions complètes.

## Student Enrolment by Province

## Inscription par province

Newfoundland	371	Terre-Neuve	Ontario	7367	Ontario
Nova Scotia	315	Nouvelle-Écosse	Manitoba	314	Manitoba
New Brunswick	216	Nouveau-Brunswick	Saskatchewan	331	Saskatchewan
Prince Edward Island	26	Ile-du-Prince-Édouard	Alberta	331	Alberta
Quebec	231	Québec	British Columbia	3286	Colombie-Britannique

Total number of students enrolled / Nombre d'inscriptions individuelles: 12 788

## Canadian Team Honour Roll

## Palmarès des équipes à l'échelle nationale

	SCHOOL ECOLE	LOCATION ENDROIT	PROV PROV	SCORE NOTE
1	VINCENT MASSEY S.S.	WINDSOR	ON	291
2	DON MILLS C.I.	DON MILLS	ON	283
3	WOBURN COLLEGIATE INSTITUTE	TORONTO	ON	279
4	EARL HAIG S.S.	NORTH YORK	ON	277
5	DAVID THOMPSON S.S.	VANCOUVER	BC	276
6	MARIANOPOLIS COLLEGE	MONTREAL	QC	274
7	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	269
8	QUEEN ELIZABETH H.S.	CALGARY	AB	268
9	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	265
10	WESTERN CANADA H.S.	CALGARY	AB	263
11	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG	MB	262
12	VSB/UBC TRANSITION PROGRAM	VANCOUVER	BC	256
13	WATERLOO C.I.	WATERLOO	ON	251
14	LISGAR C.I.	OTTAWA	ON	250
15	YALE S.S.	ABBOTSFORD	BC	249
16	SAINT JOHN H.S.	SAINT JOHN	NB	246
	STEPHEN LEACOCK C.I.	SCARBOROUGH	ON	246
	UNIVERSITY HILL S.S.	VANCOUVER	BC	246
19	SIR JOHN A. MACDONALD C.I.	AGINCOURT	ON	245
20	BURNABY SOUTH S.S.	BURNABY	BC	244
21	ALBERT CAMPBELL C.I.	SCARBOROUGH	ON	242
	EAST YORK C.I.	TORONTO	ON	242
	ERIC HAMBER S.S.	VANCOUVER	BC	242
	WEST VANCOUVER S.S.	WEST VANCOUVER	BC	242
25	JARVIS C.I.	TORONTO	ON	241
	SEAQUAM S.S.	NORTH DELTA	BC	241
27	GEORGE S. HENRY ACADEMY	TORONTO	ON	240
28	J.N. BURNETT S.S.	RICHMOND	BC	239
29	ALPHA S.S.	BURNABY	BC	236
	BREBEUF COLLEGE SCHOOL	TORONTO	ON	236
	CRESCENT SCHOOL	WILLOWDALE	ON	236
32	MOSCROP SECONDARY SCHOOL	BURNABY	BC	235
33	A.Y. JACKSON S.S.	NORTH YORK	ON	234
	OLD SCONA ACADEMIC H.S.	EDMONTON	AB	234
35	MOUNT DOUGLAS S.S.	VICTORIA	BC	232
36	THE HALIFAX GRAMMAR SCHOOL	HALIFAX	NS	229
37	ST. MICHAEL'S COLLEGE SCHOOL	TORONTO	ON	228
38	QUEEN ELIZABETH H.S.	HALIFAX	NS	227
39	FORT RICHMOND C.I.	WINNIPEG	MB	226
	MARKVILLE S.S.	MARKHAM	ON	226
	PINETREE S.S.	COQUITLAM	BC	226
42	ST. FRANCIS XAVIER S.S.	MISSISSAUGA	ON	225
43	VAUGHAN S.S.	THORNHILL	ON	224
44	THORNHILL S.S.	THORNHILL	ON	223
45	AGINCOURT C.I.	TORONTO	ON	222
	BURNABY NORTH S.S.	BURNABY	BC	222
	CLARKSON S.S.	MISSISSAUGA	ON	222
	SEMIAMMOO S.S.	SURREY	BC	222
	ST. MICHAEL'S UNIV. SCHOOL	VICTORIA	BC	222
50	A.B. LUCAS S.S.	LONDON	ON	221

There were 1007 schools enrolled. There were 762 three-student teams.  
1007 écoles étaient inscrites. Il y avait 762 équipes de trois élèves.

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

NAME NOM	SCHOOL ECOLE	LOCATION ENDROIT	PROV PROV	GR NIVEAU	AGE AGE
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## GROUP I / GROUPE I

MAO	ANDREW	H.B. BEAL S.S.	LONDON	ON	10	15
DU	PETER	WESTERN CANADA H.S.	CALGARY	AB	12	18
FERNANDO	SUMUDU	HARRY AINLAY COMP. H.S.	EDMONTON	AB	12	17
TIAN	FENG	VINCENT MASSEY S.S.	WINDSOR	ON	12	17
WANG	ANDREW	EARL HAIG S.S.	NORTH YORK	ON	13	18
YU	DONGBO	DON MILLS C.I.	DON MILLS	ON	12	17

## GROUP II / GROUPE II SCORES / NOTES 96 - 95

BORMASHENKO	OLENA	DON MILLS C.I.	DON MILLS	ON	12	17
BUTLER	MAXIMILIAN	TOM GRIFFITHS HOME SCHOOL	LONDON	ON	11	16
CHENG	PAUL	WEST VANCOUVER S.S.	WEST VANCOUVER	BC	12	17
FINK	ALEXANDER	QUEEN ELIZABETH H.S.	CALGARY	AB	11	15
HAN	TIANYI	WOBURN COLLEGIATE INSTITUTE	TORONTO	ON	11	16
JIN	JENNY YUE	EARL HAIG S.S.	NORTH YORK	ON	12	17
JIN	XIAOXUAN	VINCENT MASSEY S.S.	WINDSOR	ON	12	18
LEE	HYON	VINCENT MASSEY S.S.	WINDSOR	ON	11	17
LI	CHARLES	WESTERN CANADA H.S.	CALGARY	AB	11	17
LI	ROBIN	ST. PATRICK S.S.	TORONTO	ON	11	16
PAN	HENRY J	EAST YORK C.I.	TORONTO	ON	12	18
REN	YIN	VINCENT MASSEY S.S.	WINDSOR	ON	12	17
YUE	SONG	QUEEN ELIZABETH H.S.	CALGARY	AB	12	17
ZHANG	XIN	WOBURN COLLEGIATE INSTITUTE	TORONTO	ON	12	16

## GROUP III / GROUPE III SCORES / NOTES 94 - 92

BARRINGTON LIH	ROBERT	OLD SCONA ACADEMIC H.S.	EDMONTON	AB	11	16
BISWAS	ROBERT	VINCENT MASSEY S.S.	WINDSOR	ON	11	16
CHAO	TIFFANY	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	11	17
CHINDELEVITCH	LEONID	MARIANOPOLIS COLLEGE	MONTREAL	QC	12	16
FURMANIAK	RALPH	TOM GRIFFITHS HOME SCHOOL	LONDON	ON	11	16
HU	MARINA	BURNABY SOUTH S.S.	BURNABY	BC	11	16
KOSICKI	PAWEL	VINCENT MASSEY S.S.	WINDSOR	ON	12	18
LAU	CORNWALL	DAVID THOMPSON S.S.	VANCOUVER	BC	12	16
LI	TONY	DAVID THOMPSON S.S.	VANCOUVER	BC	12	18
MODIRSHANEHCHI	AMIRALI	GEORGE S. HENRY ACADEMY	TORONTO	ON	10	15
SHYR	ALEX	VSB/UBC TRANSITION PROGRAM	VANCOUVER	BC	12	16
STRATFORD	EVAN	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	11	15
TANG	YUANBIN	LISGAR C.I.	OTTAWA	ON	11	17
YANG	NAN	BIRCHMOUNT PARK C.I.	SCARBOROUGH	ON	11	16
ZHOU	ZHONGYING	VINCENT MASSEY S.S.	WINDSOR	ON	11	16

## GROUP IV / GROUPE IV SCORES / NOTES 91 - 87

CAO	BOB	WESTERN CANADA H.S.	CALGARY	AB	11	17
CHEN	XIDA	STEPHEN LEACOCK C.I.	SCARBOROUGH	ON	12	18
CHU	JOHNSTON	EARL HAIG S.S.	NORTH YORK	ON	12	17
CHUNG	FRANCIS	A.B. LUCAS S.S.	LONDON	ON	9	15
DU	MASON	DAVID THOMPSON S.S.	VANCOUVER	BC	12	17
FENG	FAN	VINCENT MASSEY S.S.	WINDSOR	ON	10	15
HIRSCH	MICHAEL	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG	MB	12	18
HUANG	CHEN	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	10	16
KAWAJI	KEIGO	EARL HAIG S.S.	NORTH YORK	ON	12	17
KHRAMTSOV	BORIS	MOSCROP S.S.	BURNABY	BC	11	17
KUSALIK	TIMOTHY	QUEEN ELIZABETH H.S.	HALIFAX	NS	12	17



# Canadian Student Honour Roll

# Palmarès individuel à l'échelle nationale

LI	ZHENTAO	MARIANOPOLIS COLLEGE	MONTREAL	QC	12	18
LIN	DAVID	EARL HAIG S.S.	NORTH YORK	ON	11	16
LIU	YICHUAN	UNIVERSITY HILL S.S.	VANCOUVER	BC	10	16
LU	SHIH EN	MARIANOPOLIS COLLEGE	MONTREAL	QC	12	17
MUKERJI	AMIT	VINCENT MASSEY S.S.	WINDSOR	ON	12	17
OWEN	AVERY	DON MILLS C.I.	DON MILLS	ON	12	17
SHEN	YIHAO	SAINT JOHN H.S.	SAINT JOHN	NB	11	17
SUN	JOHN	VINCENT MASSEY S.S.	WINDSOR	ON	10	15
SUN	SARAH	ST. MARY'S SCHOOL	OKOTOKS	AB	9	15
THAIN	NITHUM	PRINCE OF WALES C.I.	ST. JOHN'S	NF	12	16
TREMBATH	PATRICK	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG	MB	12	17
TSIMERMAN	JACOB	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	9	15
WANG	YIFEI	VINCENT MASSEY S.S.	WINDSOR	ON	11	16
WONG	HENRY	ST. FRANCIS XAVIER S.S.	MISSISSAUGA	ON	12	17
XU	ANTHONY	WOBURN COLLEGIATE INSTITUTE	TORONTO	ON	12	17
YANG	YANG	DON MILLS C.I.	DON MILLS	ON	12	17
ZHANG	HANG	ALBERT CAMPBELL C.I.	SCARBOROUGH	ON	12	17
ZHOU	AMY	VSB/UBC TRANSITION PROGRAM	VANCOUVER	BC	12	15

## GROUP V / GROUPE V SCORES / NOTES 86 - 83

ABEGG	STEPH	YALE S.S.	ABBOTSFORD	BC	12	18
BUCKLEY	HEATHER	WESTERN CANADA H.S.	CALGARY	AB	12	17
CHAI	STEVE	TERRY FOX S.S.S.	PORT COQUITLAM	BC	12	19
CHAN	JUSTIN	SEAQUAM S.S.	NORTH DELTA	BC	12	19
CHEUNG	VALERIE	VINCENT MASSEY S.S.	WINDSOR	ON	11	15
DORIN	ROWAN	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG	MB	11	17
GUEST	WILL	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG	MB	10	15
JIAJIE	WANG	AGINCOURT C.I.	TORONTO	ON	12	18
JIANG	MIKE	WATERLOO C.I.	WATERLOO	ON	11	16
KAMALOV	RENAT	CARIBOO HILL S.S.	BURNABY	BC	12	16
KAN	WILSON	BREBEUF COLLEGE SCHOOL	TORONTO	ON	12	17
LAW	MANDY	MARKVILLE S.S.	MARKHAM	ON	12	17
LEE	JOSEPH	ALPHA S.S.	BURNABY	BC	12	17
LEE	TAEHUN	CARSON GRAHAM S.S.	NORTH VANCOUVER	BC	11	17
LEE	WHI TAIK D	WESTERN CANADA H.S.	CALGARY	AB	12	18
LI	HONGYI	E.S. ST-LUC	MONTREAL	QC	10	15
LI	JIE	FORT RICHMOND C.I.	WINNIPEG	MB	12	18
LI	RACHEL	FOREST HILL C.I.	TORONTO	ON	11	17
LIU	MIKE	WATERLOO C.I.	WATERLOO	ON	12	17
LUU	JASON	ST. PAUL'S H.S.	WINNIPEG	MB	12	17
PROMISLOW	STEVEN	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG	MB	11	16
RHEE	CLARA	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	12	16
TAM	JENNIFER	ERIC HAMBER S.S.	VANCOUVER	BC	12	17
TEH	KEVIN	STEPHEN LEACOCK C.I.	SCARBOROUGH	ON	12	17
TURNBULL	BENJAMIN	THE HALIFAX GRAMMAR SCHOOL	HALIFAX	NS	11	17
VAISMAN	LEV	VAUGHAN S.S.	THORNHILL	ON	12	17
WANG	PEI	SIR JOHN A. MACDONALD C.I.	AGINCOURT	ON	12	18
WONG	ALEX	WESTMOUNT C.I.	THORNHILL	ON	12	18
WONG	SAMUEL	UNIVERSITY HILL S.S.	VANCOUVER	BC	11	16
WONG	TEDMOND	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	12	17
XIA	YANG	VINCENT MASSEY S.S.	WINDSOR	ON	10	15
ZAHARIA	MATEI	JARVIS C.I.	TORONTO	ON	11	16
ZHANG	ANTHONY	A.Y. JACKSON S.S.	NORTH YORK	ON	11	17
ZHANG	YUANYAN	J.N. BURNETT S.S.	RICHMOND	BC	12	18
ZHONG	JAY	JOHN FRASER S.S.	MISSISSAUGA	ON	11	16
ZIMANYI	ERIC	MARIANOPOLIS COLLEGE	MONTREAL	QC	12	17

# Canadian Student Honour Roll

# Palmarès individuel à l'échelle nationale

GROUP VI / GROUPE VI SCORES / NOTES 82 - 79

CHAN	AARON	J.N. BURNETT S.S.	RICHMOND	BC	11	16
CHAN	JUSTIN	MOUNT DOUGLAS S.S.	VICTORIA	BC	11	16
CHEN	XIAO BEI	JARVIS C.I.	TORONTO	ON	11	17
CHEUNG	MATTHEW	MARY WARD C.S.S	SCARBOROUGH	ON	12	17
CHIANG	ERIC	DAVID THOMPSON S.S.	VANCOUVER	BC	12	18
CHIU	BERNARD	ST. MICHAEL'S COLLEGE SCHOOL	TORONTO	ON	12	17
CHIU	TIM	SEAQUAM S.S.	NORTH DELTA	BC	12	17
CHOI	KEVIN	CRESCENT SCHOOL	WILLOWDALE	ON	12	18
CHUANG	MICHAEL	MOSCROP Secondary School	BURNABY	BC	11	16
DARMAWIKARTA	KRISTOF	NORTHVIEW HEIGHTS S.S.	NORTH YORK	ON	12	18
DONG	XINTIAN	ALBERT CAMPBELL C.I.	SCARBOROUGH	ON	12	17
DU	DAVID	LISGAR C.I.	OTTAWA	ON	12	17
HIRBOD	ALEX	DON MILLS C.I.	DON MILLS	ON	12	17
HUANG	CHENXI	SIR JOHN A. MACDONALD C.I.	AGINCOURT	ON	12	17
HUANG	GENG SONG	PINETREE S.S.	COQUITLAM	BC	12	18
HUNG	JOE	DAVID THOMPSON S.S.	VANCOUVER	BC	11	15
KONIECZNY	KAREN	BRANKSOME HALL SCHOOL	TORONTO	ON	12	17
LAU	JONATHAN	THORNHILL S.S.	THORNHILL	ON	12	18
LEUNG	IRIS	SIR JOHN A. MACDONALD C.I.	AGINCOURT	ON	12	17
LI	KELVIN	ST. MICHAEL'S COLLEGE SCHOOL	TORONTO	ON	11	16
LIAO	CHI	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG	MB	11	16
LIN	ANGELA	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	11	18
LIN	PRUDENCE	HARBORD C.I.	TORONTO	ON	12	18
LIU	JASON	SEMIAHMOO S.S.	SURREY	BC	12	18
LOPIN	IVAN	WATERLOO C.I.	WATERLOO	ON	12	18
MA	RUI	VINCENT MASSEY S.S.	WINDSOR	ONT	10	16
MACHINA	JACOB	VINCENT MASSEY S.S.	WINDSOR	ON	12	17
MARTIN	BRITAIN	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	12	17
MENG	FANYI	ST. ELIZABETH C.H.S.	THORNHILL	ON	12	18
MILLS	ALEC	WESTERN CANADA H.S.	CALGARY	AB	12	18
NECHITA	ANDREI	SAINT JOHN H.S.	SAINT JOHN	NB	12	17
PABANI	WAHID	BARRIE NORTH C.I.	BARRIE	ON	12	17
PATEL	SANJAY	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	12	16
RUPKE	JAMES	TORONTO DIST. CHRISTIAN H.S.	WOODBIDGE	ON	12	18
SALIH	YASIR	GEORGE S. HENRY ACADEMY	TORONTO	ON	12	17
SCHMELCHER	TRISTAN	SOUTHRIDGE SCHOOL	SURREY	BC	12	17
SHAN	JINGWEI	FORT RICHMOND C.I.	WINNIPEG	MB	12	17
SHAO	LINGLUN	ERIC HAMBER S.S.	VANCOUVER	BC	12	18
SHEN	STANLEY YE	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	11	16
SIDHU	BIKRAMPAL	UNIV. OF TORONTO SCHOOLS	TORONTO	ON	12	16
SUN	JINYI	WINDERMERE S.S.	VANCOUVER	BC	11	17
TAI	RICKY	DR. NORMAN BETHUNE C.I.	SCARBOROUGH	ON	12	17
THOMPSON	EVAN	ST. JOHN'S-RAVENSCOURT SCHOOL	WINNIPEG	MB	10	15
VOLNYANSKY	ILYA	T.L. KENNEDY S.S.	MISSISSAUGA	ON	12	17
WANG	FRANK	VINCENT MASSEY S.S.	WINDSOR	ON	10	15
WRAY	NICK	ST. MICHAEL'S UNIV. SCHOOL	VICTORIA	BC	11	16
WUNG	LIN RAY	PINETREE S.S.	COQUITLAM	BC	12	17
XIE	JOYCE	BURNABY SOUTH S.S.	BURNABY	BC	10	16
XU	YUAN	SIR WINSTON CHURCHILL S.S.	VANCOUVER	BC	12	18
YANG	ALICE	WESTERN CANADA H.S.	CALGARY	AB	12	18
YANG	HENG	HARBORD C.I.	TORONTO	ON	11	17
ZHANG	LUCY	CLARKSON S.S.	MISSISSAUGA	ON	12	18
ZHANG	NANCY	DAVID THOMPSON S.S.	VANCOUVER	BC	10	16
ZHANG	SALLY	EARL HAIG S.S.	NORTH YORK	ON	12	17
ZHAO	YIN	VINCENT MASSEY S.S.	WINDSOR	ON	10	15
ZHU	XI	WATERLOO C.I.	WATERLOO	ON	11	16

## Student Rankings

## Classement des élèves

RANK/ POSITION	SCORE/ NOTE	RANK/ POSITION	SCORE/ NOTE	RANK/ POSITION	SCORE/ NOTE
1	99	600	66	4867	33
3	98	669	65	5039	32
5	97	736	64	5212	31
7	96	813	63	5364	30
17	95	905	62	5517	29
21	94	987	61	5669	28
27	93	1064	60	5819	27
31	92	1152	59	5962	26
36	91	1266	58	6119	25
42	90	1368	57	6264	24
45	89	1470	56	6410	23
48	88	1575	55	6558	22
54	87	1681	54	6700	21
65	86	1814	53	6835	20
74	85	1938	52	6963	19
80	84	2079	51	7080	18
90	83	2224	50	7210	17
101	82	2357	49	7340	16
116	81	2468	48	7454	15
129	80	2616	47	7544	14
136	79	2760	46	7635	13
157	78	2921	45	7727	12
172	77	3072	44	7819	11
183	76	3213	43	7900	10
198	75	3369	42	7987	9
218	74	3519	41	8054	8
252	73	3685	40	8117	7
297	72	3853	39	8181	6
328	71	4012	38	8236	5
377	70	4200	37	8289	4
421	69	4351	36	8325	3
471	68	4529	35	8351	2
520	67	4684	34	8381	1
				8385	0

The listing above pertains to official candidates only. / La liste précédente ne s'applique qu'aux candidats officiels.

## International Results

## Résultats internationaux

	SCHOOL ECOLE	LOCATION ENDROIT	SCORE NOTE
1	ICAE	TROY, MICHIGAN	250
2	USKUDAR AMERICAN ACADEMY	ISTANBUL, TURKEY	229
3	ST. PATRICK'S H.S.	KARACHI, PAKISTAN	219
4	KARACHI GRAMMAR SCHOOL	CLIFTON, PAKISTAN	218
5	CHRISTIAN BROTHERS COLLEGE	CORK, IRELAND	215
6	NAPARIMA GIRLS H.S.	SAN FERNANDO, WEST INDIES	196
7	LAHORE GRAMMAR SCHOOL	LAHORE, PAKISTAN	183
8	CANADIAN INTER. SCHOOL OF HONG	ABERDEEN, HONG KONG	172

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

NAME NOM	SCHOOL ECOLE	LOCATION ENDROIT	GR NIVEAU	AGE AGE
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### GROUP I / GROUPE I

BASOGLU	MEHMET	USKUDAR AMERICAN ACADEMY	ISTANBUL, TURKEY	11	17
CIVAN	GOKHAN	USKUDAR AMERICAN ACADEMY	ISTANBUL, TURKEY	12	17
GUPTA	ANANT	ICAE	TROY, MICHIGAN	11	15
HEAFIELD	KENNETH	ICAE	TROY, MICHIGAN	11	16
RALPH	THOMAS	CHRISTIAN BROTHERS COLLEGE	CORK, IRELAND	12	18

### GROUP II / GROUPE II SCORES / NOTES 76 - 69

AZIZ	SABREEN	LAHORE GRAMMAR SCHOOL	LCCHS LAHORE CANTT	12	17
BALDEO	CANDICE	NAPARIMA GIRLS H.S.	SAN FERNANDO, WEST INDIES	12	18
BASIT VOHRA	ABDUL	ST. PATRICK'S H.S.	KARACHI, PAKISTAN	12	17
CHEN	YUYIN	ICAE	TROY, MICHIGAN	10	15
KHAN	SHAFaat	ST. PATRICK'S H.S.	KARACHI, PAKISTAN	12	17
MEHDI	ABBAS	KARACHI GRAMMAR SCHOOL	CLIFTON, PAKISTAN	12	17
NASIR	ABDULRAHIM	ST. PATRICK'S H.S.	KARACHI, PAKISTAN	12	17
SANDILA	SAFI	KARACHI GRAMMAR SCHOOL	CLIFTON, PAKISTAN	12	17
SIDDIQUI	SHOAIB	KARACHI GRAMMAR SCHOOL	CLIFTON, PAKISTAN	12	17
TUMERKAN	BARIS	USKUDAR AMERICAN ACADEMY	ISTANBUL, TURKEY	12	17
UZTURK	GIZEM	USKUDAR AMERICAN ACADEMY	ISTANBUL, TURKEY	11	17
ZUBAIRI	AKBAR	ST. PATRICK'S H.S.	KARACHI, PAKISTAN	12	16

### GROUP III / GROUPE III SCORES / NOTES 68 - 65

A R SHABAN	NATASHA	KARACHI GRAMMAR SCHOOL	CLIFTON, PAKISTAN	12	17
ADIL	KAZI NASIR	ST. PATRICK'S H.S.	KARACHI, PAKISTAN	12	17
ALLEN	EOLAN	CHRISTIAN BROTHERS COLLEGE	CORK, IRELAND	12	18
BUCKLEY	JEREMIAH	CHRISTIAN BROTHERS COLLEGE	CORK, IRELAND	12	17
DADA	KASHIF	ST. PATRICK'S H.S.	KARACHI, PAKISTAN	12	17
GLEESON	DANNY	CHRISTIAN BROTHERS COLLEGE	CORK, IRELAND	12	17
GODIL	NASIR	KARACHI GRAMMAR SCHOOL	CLIFTON, PAKISTAN	12	17
GUPTA	SUSHIL	ICAE	TROY, MICHIGAN	10	15
IKRAM	ALI	KARACHI GRAMMAR SCHOOL	CLIFTON, PAKISTAN	12	17
KAMAL ANWAR	TALHA	KARACHI GRAMMAR SCHOOL	CLIFTON, PAKISTAN	12	17
KHAN	SHARON	NAPARIMA GIRLS H.S.	SAN FERNANDO, WEST INDIES	12	16
KUMRU	MERT	USKUDAR AMERICAN ACADEMY	ISTANBUL, TURKEY	11	17
SIDDIQUI	SAULEH	KARACHI GRAMMAR SCHOOL	CLIFTON, PAKISTAN	12	18
TAO	RICHARD	ICAE	TROY, MICHIGAN	9	15
ZHANG	XIAYI	ICAE	TROY, MICHIGAN	9	15

