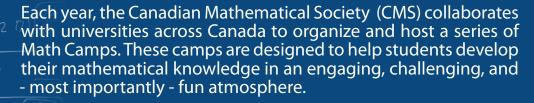


contents

3	overview
4	regional camps
12	speciality camps
14	national camp
15	summary
16	sponsors



CMS Math Camps are a great way for students to hone their mathematical skills, meet new friends and to experience math in a way they never have in a classroom setting. Students who participate in CMS Math Camps often leave the camp with a new outlook of mathematics and new approaches to problem solving.

In 2013, a total of 24 camps were held in provinces across Canada with a total of 947 students in attendance. These camps ranged from day camps to week-long overnight camps.

This year, the CMS offered specialty camps which included the Queen's Math Camp for Girls and the Dalhousie Math Camp for Black Students. In addition, in partnership with the University of Toronto, the CMS staged the national Canada Math Camp.

As with previous years, both parent and student feedback was very positive. Many students noted their surprise that Math Camp was much more fun than expected and that they plan to attend future camps.

The 2013 CMS Math Camp Report contains information collected from each of the camp organizers at various host universities.

ALBERTA

CAMP NAME Alberta/CMS Math Camp

LOCATION Calgary, AB

DATE July 12-21, 2013

HOST University of Calgary

ORGANIZER Joseph Ling

GRADE LEVEL 7-10

NUMBER OF STUDENTS 28

FEEDBACK



"I really like how I can be in an environment with many other like-minded students who are very passionate about mathematics as well. I also enjoy how professors who have great knowledge in a field can teach me."

BRITISH COLUMBIA

PIMS/CMS Burnaby Math Camp

LOCATION Burnaby, BC

DATE June 24 - 28, 2013

HOST Simon Fraser University

ORGANIZER Malgorzata Dubiel

GRADE LEVEL 9-10

NUMBER OF STUDENTS 30

FEEDBACK

9-10

"Before I mostly thought of math as a bunch of numbers variables and charts, now I see how math is involved in nature, art, and everyday life. This camp helps kids like us become encouraged to learn more about math, to tell all our friends about math, and possibly create more jobs and research."



regional camps 5

CAMP NAME PIMS/CMS Surrey Math Camp

LOCATION Surrey, BC

DATE June 26 - 27, 2013

HOST Simon Fraser University

ORGANIZER Natalia Kouzniak

GRADE LEVEL 9-10

NUMBER OF STUDENTS 48

FEEDBACK "I really, really enjoyed this experience. Math camp was interesting, fun and there

were a lot of amazing things we learned (fractals, hexastix). Everyone was really

helpful and nice, too! "



LOCATION Burnaby, BC

DATE July 2 - 5, 2013

HOST Simon Fraser University

ORGANIZER Malgorzata Dubiel

GRADE LEVEL Teachers of Grades 8-12

PARTICIPANTS 28

FEEDBACK "Our Summer Camps for Teachers have been very successful in giving teachers

hands-on experience with problem solving, modelling, and finding interesting

applications of mathematics suitable to discuss in a high school classroom. We

hope that this will translate in better teaching and making mathematics more

interesting and accessible to students."



regional camps 6

CAMP NAME Victoria/CMS Math Camp

LOCATION Victoria, BC

DATE JJuly 3-6, 2013

HOST University of Victoria

ORGANIZER Kseniya Garaschuk

GRADE LEVEL 9-11

NUMBER OF STUDENTS 22

FEEDBACK: "Problems of the day were a huge success. As per usual, the Puzzle Hunt was a

lot of work to set up, but was well worth it with. I've scheduled the most interac-

tive sessions to take place on first and last day to ensure the breaking the ice."

- Kseniya Garaschuk

MANITOBA

CAMP NAME UManitoba/CMS Math Camp

LOCATION Winnipeg, MB

DATE May 10 - 12, 2013

HOST University of Manitoba

ORGANIZER Don Trim

GRADE LEVEL 9-10

NUMBER OF STUDENTS 20

FEEDBACK "Although an overall success based on a rating of 8.2/10, our plans are to intro-

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duce new activities next year and perhaps extend the camp slightly (a few more

ours or perhaps an extra day)," - Don Trim





NEW BRUNSWICK

CAMP NAME UNB/CMS Math Camp

LOCATION Fredericton, NB

DATE May 10 - 12, 2013

HOST University of New Brunswick

ORGANIZER Barry Monson

GRADE LEVEL 10-11

NUMBER OF STUDENTS 30

FEEDBACK "This camp really got me interested in applications of math, as well as logical

thinking. I believe it is important to improve these areas [for] students who have

great math potential, as enrichment programs are not offered everywhere."



CAMP NAME Blundon/CMS Math Camp

LOCATION St. John's, NL

DATE May 15 - 17, 2013

HOST Memorial University

ORGANIZER Margo Kondratieva and Shannon Sullivan

GRADE LEVEL 11-12

NUMBER OF STUDENTS 16

FEEDBACK "Proctors were great, friendly and very helpful!"





NOVA SCOTIA

CAMP NAME Dal/CMS Math Camp

LOCATION Halifax, NS

DATE July 7 - 12, 2013

HOST Dalhousie University

ORGANIZER Roman Smirnov

GRADE LEVEL 10-11

NUMBER OF STUDENTS 20

FEEDBACK "As a student who had only taken grade 10 math I found some of the lectures a

little hard to follow, but I found all of them extremely interesting. All of the speak-

ers were great and I definitely feel like I've learned a lot."



CAMP NAME UOttawa/CMS Math Camp

LOCATION Ottawa, ON

DATE June 23 - 28, 2013

HOST University of Ottawa

ORGANIZER Joseph Khoury

GRADE LEVEL 10

NUMBER OF STUDENTS 48

FEEDBACK "This camp was so much more than what I have expected. It is amazing what you

could accomplish with a good knowledge of Mathematics "

"Merci beaucoup pour cette experience, j'ai appris beaucoup de chose."



บOttawa

regional camps 9

CAMP NAME York/CMS Math Camp

LOCATION Toronto, ON

DATE July 8 - 12, 2013

HOST York University

ORGANIZER Chris Wu

GRADE LEVEL 9

NUMBER OF STUDENTS 34

FEEDBACK "I enjoyed the lectures, where math specialists would come in and teach us new

concepts and methods to solve complex problems. My favourite part of camp

was during the session with the professor from Waterloo who came to talk about

functions, like Phi, divisor and sigma functions. I learned many things, but the

functions (Phi, divisor, sigma) as well as modular arithmetic were most interesting

and stuck in my memory the most."

CAMP NAME CMS Math Camp @ Western

LOCATION London, ON

DATE July 23 - 25, 2013

HOST Western University

ORGANIZER Gord Sinnamon

GRADE LEVEL 9

NUMBER OF STUDENTS 32

FEEDBACK "I feel like the things I learned will help me in my vario

"I feel like the things I learned will help me in my various math courses I am en-

rolled in next year. I liked the balance between team and individual work, plus

the food was amazing. I loved the university setting."

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PRINCE EDWARD ISLAND

CAMP NAME UPEI/CMS Math Camp

LOCATION Charlottetown, PE

DATE May 3 - 5, 2013

HOST University of Prince Edward Island

ORGANIZER Ken Sulston

GRADE LEVEL 10-11

NUMBER OF STUDENTS 16

FEEDBACK "I have been to many camps like these before and sometimes the material that is

covered consists of very challenging ideas and concepts, but the topics discussed

here I could fully grasp an understanding."



CAMP NAME Camp mathématique Collège

Montmorency

LOCATION Laval, QC

DATE June 30 - July 5, 2013

HOST Collège Montmorency

ORGANIZER Ivan Constantineau

GRADE LEVEL Collégial

NUMBER OF STUDENTS 25

FEEDBACK "Les réussites: les sorties au CIEAU, la simultanée, le spectacle de Mentalo, les ate-

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liers de Stats, sur la cryptographie, sur la théorie des jeux, le souper au restaurant:

10/10. Mais aussi beaucoup de 9/10! "





CAMP NAME Camp mathématique AMQ/SMC

LOCATION Québec, QC

DATE June 9 - 15, 2013

HOST Université Laval

ORGANIZER Frédéric Gourdeau

GRADE LEVEL Collégial

NUMBER OF STUDENTS 23

FEEDBACK "La nouveauté de cette année a été la simultanée d'échecs et le succès fut tel

qu'il est certain que nous voudrons reconduire cette activité l'année prochaine."

- Frédéric Gourdeau



CAMP NAME URegina/CMS Math Camp

LOCATION Regina, SK

DATE October 5 - 5, 2013

HOST University of Saskatchewan

ORGANIZER Sadia Mwangangi

GRADE LEVEL 7-12

NUMBER OF STUDENTS 19

FEEDBACK "I am the teacher who attended with the students from Moose Jaw. My students

enjoyed the Topology activity because it was new math for

them and Pet Insurance because they got to handle money, and compete."



SPECIALTY CAMPS

CAMP NAME Math Camp for Black Students

LOCATION Halifax, NS

DATE July 7-14

HOST Dalhousie University

ORGANIZER R.P. Gupta

GRADE LEVEL 6-8

NUMBER OF STUDENTS 28

FEEDBACK "At the time of closing ceremony, we asked each camper to comment about the

whole process of learning e.g. teachers, educational program, outdoor activities,

discovery center etc. We have a very very good comments--really glowing." - R.P.

Gupta



LOCATION Toronto, ON

DATE November 2

HOST University of Toronto Scarborough Campus

ORGANIZER Sophie Chrysostomou

GRADE LEVEL 9

NUMBER OF STUDENTS 95

FEEDBACK "Overall it was just a fun experience for all of us. We also enjoyed seeing/learning

the many different ways math is used in life and the hands on activity we got to

do."





CAMP NAME Emerging Aboriginal Scholars Summer Camp

LOCATION Eskasoni, NS

DATE July 3- August 3

HOST Simon Fraser University

ORGANIZER Malgorzata Dubiel and Melania Alvarez

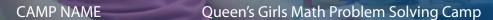
GRADE LEVEL 9-12

NUMBER OF STUDENTS 30

FEEDBACK "It is always a pleasure to introduce young students to the wonderful world of

synthetic chemistry. We relished the chance to extend this opportunity to excel-

lent First Nations students."



LOCATION Kingston, ON

DATE August 19-22

HOST Queen's University

ORGANIZER Maja-Lisa Thomson

GRADE LEVEL 9-10

NUMBER OF STUDENTS 10

FEEDBACK "I came to camp to improve my skills beyond basic "number crunching," to learn

tricks and skills of math in a fun and cooperative environment and to meet new

people, all of which happened."





CAMP NAME Show Me Your Math

LOCATION Eskasoni, NS

DATE May 1 - 1, 2013

HOST Mi'kmaw Kina'matnewey and

Eskasoni School Board

ORGANIZER Lisa Lunney Borden

GRADE LEVEL P-12 **NUMBER OF STUDENTS** 300

FEEDBACK "We hope to encourage more participants to make videos of their projects so

that these can be both shown at the event and posted on the website. We hope

to continue developing inquiry projects that draw from the student projects so

that they can be more widely used and shared in schools." - Lisa Lunney Borden

NATIONAL CAMPS

Canada Math Camp **IMO Training Camp Olympiad Winter Camp** July 27- August 3 July 7-21 January 2-7



947
participants

16 regional camps

5 specialty camps

3
national camps

48 % specialty camp students

21%

female participants



University of Ottawa Queen's University Simon Fraser University University of Victoria

University of Prince Edward Island University of Regina **University of Toronto** York University

MATH CAMP SPONSORS

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