ONTARIO ASSOCIATION FOR MATHEMATICS EDUCATION
ASSOCIATION ONTARIENNE POUR L'ENSEIGNEMENT DES MATHEMATIQUES

MINUTES OF O.A.M.E. BOARD OF DIRECTORS MEETING
June 6/7, 2003, Delta Toronto Airport West

PRESENT:
Executive: Marg Warren, (Past President), Stewart Craven(President) Gord Cooke(President-Elect), Judy Dussiaume(Vice President),Caroline Rosenbloom (Vice President), Kathy Kubota-Zarivnij (Vice President)
Chapter Representatives: Fred Ferneyhough(CHAMP), Peter Lenczewski (COMA), Ed Haines (GOLDEN), Paul Fennell (GVMA), Greg Clarke (MAC2), Pauline Therrien (NOMA), Rona Doyle (NWOAME), Jacqueline Hill (PINE RIDGE), Robert Sherk (QSLMA), Sumintra Koowar (SAME), Frank DiPietro (SWOAME guest), Pat Margerm (TEAMS), John Ferguson (WOMA), Rosey Mastrofrancesco (Y4MA).
Elected Directors: Dan Charbonneau, Ron Gaudreau, Chris Suurtamm, Laurie Moher, Heather Boychuk, Kevin Maguire, Irene McEvoy, Bill Otto, Marilyn Hurrell, Mary Bourassa, Kirsten Boucher, Joyce Tonner, Lyn Vause, Jack Weiner, Joanne Graham
Other: Frances Schatz (Abacus, NCTM Rep), Doug Evans (Website), Sue and Dave Hessey (Exec. Directors)
Regrets: Anna Jupp, Brian Raaflaub , Dean Murray, David Petro (SWOAME) , John Kersley
Fri: Jack Weiner Sat am: Marg Warren, Sat: Caroline Rosenbloom , Pat Margerm , Rosey Mastrofrancesco

FRI, June 6, 2003

Call to Order: Time: 6:55 p.m.
Welcome: Stewart Craven welcomed all returning board members and new members, Joyce Tonner, Kirsten Boucher, Lyn Vause, Jack Weiner and Fred Ferneyhough
Announcement: NCTM: Frances Schatz announced her retirement as NCTM rep as of June 2004. She referred board members to the flyer advertising the position and encouraged people to apply and work with her and Frank in the upcoming year. She reported on book sales at and from the OAME 2003 conference. She encouraged board members to look at new titles in the Sat. display and specials on out of print books.
ACTION: Interested board members to submit their names to Dave and Sue Hessey
Update on Vision Project: Stewart Craven reported that
• board members worked diligently last year to begin the Vision project in a timely manner to receive funding from Union Gas
• the video is a very visual piece of the project. It paints a picture of the important pedagogy in math from K-12, showing increasing pedagogy
• 5 of the 6 grades have been taped, 3 are from TDSB, one from Peel, one from Upper Grand DSB
• the Grade 9 portion will be taped in late Oct.
• a clip of the Grade 1 and 8 classrooms juxtaposed (rough footage only) was shown to board members
• lots of excitement has been generated by the video at OAME 2003 and at two national conferences
•PD Guide: Kathy Kubota-Zarivnij reported that there are 5 sessions with a two page spread in the PD guide draft.The PD can be delivered in a variety of formats and teachers could attend all 5 sessions or just single sessions. Topics include a) Engaging students in learning math, b) Developing math understanding, c) Consolidating and sharing, d) Conversations about student work. Provision is made for teachers to engage in "Before, During, After" to record their thinking and improve understanding. On Saturday workgroups will work on completing a PD template to relate the mathematics of their particular task
Directions for Upcoming Year: Stewart Craven distributed a revised timeline of the project to show what has been accomplished and directions for the future to complete Phase One.

CHAPTER REPS MEETING:

Call to Order: Time: 7:30 p.m
Absent: Fred Ferneyhough, ISOMA rep

1. Greg Clarke , chair, welcomed all chapter reps and told a little about himself.
2. OAME details/housekeeping - Sue Hessey reported that

• Meeting Dates for 2003-04 , critical paths, and revised constitution, by-laws and terms of reference, and members contact information were included in each members package to update their red binders for the year
• Chapter Reports are to be emailed a week before each board meeting to : oame.hessey@sympatico.ca
• Chapter Membership Updates were distributed as of June 1, 2003. This information is always available electronically (Excel) for any chapter at any time. Non-renewals in March and May were distributed for chapter reps to follow up and rebuild their membership.
• The request for a Promotional Case by mid- October was circulated.
• OAME now accepts VISA/ MASTERCARD. If chapters are interested, they could inquire from IATS whether they too could use their services. **The website is : www.iats.ticketmaster.com**
• the address information, and June Gazette board page were circulated for corrections

3. Chapters Round table . Greg Clarke distributed a map of general areas for each chapter. Chapter Reps reported on which corner of the province they are from, conferences planned, other activities planned, whether they have a website, monthly meetings, and/or a newsletter. Several chapters reported that they are struggling to keep active and sought suggestions. Ideas given were

• have an annual conference to revitalize your chapter
• mini-conferences swell chapter memberships
• have smaller Forums with a guest speaker
• have people in to "chat" about one topic- eg- all teachers of MDM4U
• pay for one member to go to OAME Leadership/annual conference and then report/present a workshop
• scout out speakers at annual conference
• interesting dinner speaker- Bill Smith- Uo IT
• Chinese food at a mini-conference- a real draw and inexpensive
• a good chair for OMO
• dinner and a manipulative
• newsletter like "SINE POST"- offered a draw for $100 towards a math conference to those submitting an article
• host an OMO
• contact the math teacher leader in every elementary school for the Early Math Strategy for further development and focus a mini conference on this strategy
• lending library
• sharing resources night (eg tests, worksheets, etc)- provide a photocopier
• a travelling mini-conference (same speakers at 3 Toronto chapters on 3 different dates)
• engage teacher candidates
• active website- post a resource monthly for both elementary and secondary
• draw for $20 gift certificate monthly from new/renewals of month
• get younger teachers to volunteer
• offer a reward to those who join a chapter executive of $200 to go to a math conference

4. A Conference Calendar was circulated for chapter reps to fill in dates confirmed or considering for local mini-conferences or events

ACTION: Greg Clarke will send out by email

5. Registration Binder - Greg Clarke distributed a registration database binder , with a demo on how it can be used to customize and facilitate online registration for upcoming conferences / miniconferences/ events
6. Future agenda items:
    - Chapter website ideas
    - Why host an annual OAME conference or an OMO?
    - Does/ should your chapter have a constitution?
    - What idea draws a crowd?
    - materials to create a newsletter

STANDING COMMITTEES MEETING AND REPORTS:

Call to Order: Time: 7:30 p.m

Futures: Dave Hessey reported that the following issues were discussed:
1. Financial: re OMO

• should OMO generate a profit? If so, how are funds to be used?
• should chapters be held responsible for losses? If so, what conditions should OAME impose on spending?
• should host chapters be responsible for raising funds to subsidize events?
• should local chapters bear all the costs of their teams?
• should Futures try to arrange a consortium of businesses willing to sponsor OMO on an annual basis? this would stabilize funding and remove pressure from the host chapter
• should OAME sponsor the event if no business partners can be found?
• should there be subsidies for Northern Chapters to send teams?
• would local businesses subsidize a team to go to OMO?
2. The OMO guidelines should:
• explain the purpose and benefit to students and to participating chapters of attending or hosting OMO
• identify what the responsibilities are for OMO host
• contain sample activities used in the past and sample OMO plans
• reflect OAME's mission and vision for learning mathematics
The committee worked on an introductory statement identifying the purpose of OMO. Surveying of former OMO chairs for feedback and changes required to the Guidelines was discussed.
ACTION:
1. Bill Otto to mail EDs a copy of a set of activities printed as a resource for past OMO. EDs to mail to Future's members.
2. Bill Otto will email a copy to Futures of an introductory statement.
3. EDs to email minutes to B Raaflaub and J Weiner
4. Irene McEvoy to approach TO, Nelson, Spectrum, Pearson, Union Gas to be ongoing sponsors. Lyn Vause to approach Blackberry Group, some banks, etc.
5. Irene McEvoy to generate a letter. EDs to supply any former letters, general description of OMO event.
6. Motion for Oct: that NOMA be ratified as the host chapter for OMO 2005.

Promotions: Mary Bourassa reported that :
• OAME has a supply of t-shirts available. A suggestion was made that chapters be encouraged to purchase them to use as door prizes at their mini-conferences. We should also consider making them part of the promotion kit.
• The main focus of this committee is the packaging and advertising of the Vision project. We do not want to incur a big loss from the distribution of this package and want to increase membership in OAME. We need to determine who should get it – teachers, administrators and parents – and how to get it out there. Suggestions include making a presentation to the following groups:
- at the OAME annual conference
- at the OAME leadership conference
- at an OAME board meeting to chapter reps
- at OMCA – consultants could then pitch it within their board

We also need to target administrators, possibly at the superintendent level, in order to get entire boards to buy the package. There are some boards that do not have consultants so we need to find a way of getting it to those boards too. It should also be presented to Faculties of Education.There should be some promotional material about the project placed in the promotion kit and advertisements in the Gazette and in the annual conference brochure. The package will include the video (DVD?), activities and PD package. A price still needs to be determined. We will likely include a school OAME membership with the purchase of each package. As we do not know how to reach all targeted groups and do not have the time required to set up a full contact list, we may need to consider hiring someone to help us market this project. Our first task is to create a promotional flyer. We would also like to see information on the website as soon as possible including a video clip.
ACTION: Promotions would like input and direction from the executive on the design and content.

Publications : Chris Suurtamm Reported that:
• Frances Schatz provided a complete report indicating materials from the annual conference will be in the Sept. Gazette. New ideas are always welcome!
• Doug Evans reported that about 1600 people visit the website monthly. Many are searching for grades 9-11 resources and/or conference information. The website is updated with the new board information, award recipients, etc. Doug expects that the website will change to reflect a data-based driven concept.
• Chris reviewed the results of a meeting with M Hurrell, A Jupp, and K Maguire to use the Fall brainstorming ideas to focus on new ideas for the Gazette. A list was circulated.

• Marilyn Hurrell summarized the status of the Gazette to date.
• new business included a discussion on developing a website protocol sub- committee. Members at present include M Hurrell, K Maguire, M Bourassa
ACTION: Subcommittee to meet before Oct 3 board meeting

SOCIAL HOUR: Ambassador Suite, 9:30-11:00 pm, complements of PRMA and OAME

SATURDAY, JUNE 8, 2003

Equity Breakfast: John Ferguson reported that 10 people attended the Equity Breakfast, chaired by John Ferguson with Jacqueline Hill taking minutes. The committee discussed the timing of the breakfast, deciding it should begin 90 minutes before the start of the first session on Friday April 29 at OAME 2004. The possible guest speakers were discussed, with the group deciding on and ranking 3 potential guest speakers. The group discussed ways of improving the awareness of equity issues and the profile of the Equity Committee. The following were some suggestions:
• Have a table at the conference, or have flyers pertaining to equity available at OAME's table
• Copy one or two articles relating to equity to put into the bag of each person attending the conference
• Compile a list of websites with articles or studies on equity and make them available at the conference (same method as first 2 ideas)
• There are plans to list websites in the Gazette – perhaps one of the categories could be "math equity"
• Get a list of the Early Education Centres and provide them with sample activities/interventions pertaining to equity
• Promote the Ministry's initiative for at-risk students

VISION PROJECT WORKGROUPS

call to order: 9:01 am
WELCOME, OUTLINE OF PROCESS FOR THE DAY Stewart Craven reviewed the day's agenda

9:15 am -12:30pm **: REVISIONS OF STUDENT TASKS BY EACH WORKGROUP**
INSTRUCTIONS:
a)Kathy Kubota-Zarivnij reviewed the components of each PD session. She asked each workgroup to look at the grade specific discussion and provide the necessary math background and an example for their specific task. Groups could also provide connections to other math or curriculum and overall assessment ideas as well alternatives when difficulties arise. This should provide an overview of what the task looks like.
ACTION: Chairs please contact Kathy with your plans to complete this if not done on June 7
b) Gord Cooke outlined what is required to refine the student tasks. Templates need to be completed to be consistent across all tasks. The tasks should match our vision statement (the latest one was distributed) and link to the video and PD guide. The second task is to look at student work. Parameters were outlined . Work selected will not be levelled but should be selected to illustrate key ideas and/or provide a springboard for further discussion and link ideas together for the whole package. Student permission forms were provided for each group. Everything must be in final form by Nov 1. The Oct 3/4 meeting should be for very final edits. The material will be copy edited by a professional. Use of Math Type for equations and all symbols was suggested for consistency. Instructions given for work of the morning were:
Templates
Templates have been created to give a consistent "look and feel" to the package.These are designed to be somewhat consistent with TIPS, EQAO and other similar documents. You should have 3 original versions and 3 which have been formatted to the template.
Job 1
Check the template version to ensure that nothing is left out. Complete the sections by specifically addressing the vision.
Essential Learnings and the Vision
Essential learnings need to be reflective of the OAME Vision statement seen in the Video, tied to the PD package, more than curriculum expectations
Visions of Mathematics…
Built on prior knowledge, Enhanced by variety of presentations, Enhanced by variety of instructional approaches, Opportunities to interact, Rich and meaningful context, Planned teaching, coaching, assisting, supporting providing feedback, Engage and motivate, Understand expectations and assessment standards, All are active partners, Structured around key concepts

Job 2
Select Student Samples which are reflective of the vision, Promote discussion,Lead to considerations of "next steps"
Job 2 has now been renamed "Possible suggestions for further activity which advances the progress of the task toward it's final completed state"
…Student Work
Consider student performance in terms of Knowledge and Procedures, Misconceptions ,Reasoning and Problem Solving ability, Communication, Demonstration of Understanding
Complete the chart for each piece of work you wish to include. Just jot down the key points.

ACTION: Chairs, please contact John Dallan/ Gord Cooke as to progress and plan further meetings before Oct 4 to complete work.

BUSINESS MEETING:

President's Report: Stewart Craven reported that
• he attended a Canadian Math Study Group in Acadia. 71 people from across Canada discussed curriculum in schools and what teacher candidates should know.
• he is in the initial stages of developing a cross Canada association to share ideas, resources, journals, etc
• he will try to attend a function in every chapter this year. Please invite him.
• he wants to work on the general image to the public

Approval of the Agenda
Moved by Jacqueline H ill , seconded by Marilyn Hurrell "that the amended agenda be accepted." Carried

Approval of Board Meeting Minutes Feb 7/8, 2003
Moved by Rona Doyle , seconded by Bill Otto , "that the minutes of the Feb 7/8 Board Meeting be approved ." Carried

Posting for NCTM rep starting in June 2004. A flyer was circulated.
ACTION: Give names of interested people to Dave or Sue Hessey by Aug 15/03.

Financial Report
Dave Hessey presented the current financial picture and balance sheet
Moved by Dan Charbonneau , seconded by Heather Boychuk that "the financial picture be approved". Carried

Report on OAME 2003 Jacqueline Hill reported that OAME 2003 was a success despite board sanctions and SARS. She submitted her final conference report with a draft financial statement. A total of $50 000 was presented to OAME including the PD portion and profit sharing. She said that an annual conference is doable by smaller chapters and recommended the following steps:
• read and use the binder of guidelines provided
• go to previous conferences and job-shadow
• get advance funds from OAME
• read former final reports and contact Peter Saarimaki- a great resource
• try new ideas like 3 day sessions

Motions:

1. Moved by Gord Cooke, seconded by Kathy Kubota-Zarivnij that the "Board of Directors ratify the appointment of Caroline Rosenbloom as a Vice-President for a one year term, 2003/04". Carried

2. Moved by Fred Ferneyhough, seconded by Dan Charbonneau, "that the Board of Directors appoint Brian Raaflaub as a Director for a one year term, 2003/04". Carried

3. Moved by Mary Bourassa, seconded by Jacqueline Hill "that the Board of Directors ratify the selection of TEAMS to host OAME 2005". Carried

4. Moved by Bill Otto, seconded by Dan Charbonneau "that the Board of Directors ratify the selection of PRMA to host OMO 2004". Carried

5. Moved by Jacqueline Hill, seconded by Peter Lenczewski " that the Board of Directors appoint Marilyn Hurrell to work with the Publications committee as editor of the Ontario Mathematics Gazette for a two year term beginning with the September, 2003 issue". Carried

6. Moved by Jack Weiner, seconded by Bill Otto "that *Terms of Reference*, **Editor of the Ontario Mathematics Gazette**, 4. Expenses (b) be amended to read: The Editor, upon approval of the Executive, may be reimbursed for Professional Development expenses up to *$1000 annually*. (September 1, 2003)". Carried

7. Moved by Gord Cooke, seconded by Greg Clarke "that a website design selection committee chaired by John Dallan be authorized to review the four proposals received, and select one of them for final approval by the executive. A contract will be awarded by June 30, 2003." Carried

8a). Moved by Marg Warren, seconded by Peter Lenczewski "that *Terms of Reference*, **Co-ordinator of the OAME/AOEM Website** 4. Expenses be amended to add (b): *The Co-ordinator, upon approval of the Executive, may be reimbursed annually for Professional Development expenses up to (an amount to be determined). (September 1, 2003)* ".
This motion was amended to read:
b) Moved by Marg Warren, seconded by Peter Lenczewski "that *Terms of Reference*, **Co-ordinator of the OAME/AOEM Website** 4. Expenses be amended to add (b): *The Co-ordinator, upon approval of the Executive, may be reimbursed annually for Professional Development expenses up to $1000. (September 1, 2003)* ". Carried

Questions from Members to Authors of Written Reports

1. Peter Lenczewski requested more details on the Union Gas June 2003 donation. It is expected that $26 000 will be received, pending submission of updates to the project, board and AGM minutes.

WRITTEN REPORTS

MoE: Information from Myrna Ingalls: a) Curriculum Review. Math will start in Sept, 2003 and will take 18-24 months to implement any changes. They are looking for researchers now. Focus groups will involve OAME reps b) TIPS , a resource document, has some PD materials. It should be ready for the end of June, electronically and in hard copy. c) Grade 11/12 exemplars will include a description of below level 1 work and high and low within other levels.

Executive Directors' Report: Dave and Sue Hessey reported that membership on May 30/03 was 1215, down from 1258 on May 25/02. All chapters now have a rep for the 2003/04 year except ISOMA. Fred Ferneyhough joins this committee as the CHAMP rep.

Publications: INVENTORY

Document	Last Print Order	Aug 31	Dec 10	May 14
LAIM PR 3000	504	361	255	103
LAIM JR 4000	518	208	94	0
LAIM MS 2000	2135	1007	962	766

Sales continue to be very slow. In addition we have sold about half of the memopads and 9 T-shirts. The executive has postponed developing a new LAIM Junior document until after phase one of the Vision project is completed.
Four people were sent our RFP for revision of the website and all four submitted proposals.
We received 402 new or renewed memberships from OAME 2003. Over 900 delegates and speakers attended a successful conference. A letter of thanks has been sent to chair Jacqueline Hill and her organizing committee.
David Rosenbloom attended OAME 2003 to present the new Union Gas awards. Recipients were thrilled to receive their award and all three are now OAME members. A June Gazette and membership brochure will be sent to all nominees. $5000 has been given to WOMA for OMO 2003. The next installment of our grant will be in June 2003.
A new liability insurance policy with Directors and Officers insurance has been secured , effective March 31 2003, from ENCON through Hugh Wood Insurance. The new policy lowers our liability to $1 000 000 and names as insured OAME, its chapters, and volunteers working on behalf of OAME. Directors and Officers also have 1 million in coverage. Unfortunately rates have tripled and many insurance companies no longer carry association insurance. Other quotes were sought from at least four other companies but no other policy could be found at a better rate. STAO was contacted but their rate was delayed. The London Fair Association is dealing with a crisis due to their insurance premiums.
We now have the capability to accept payment for memberships and resource documents through VISA or

Mastercard. Costs are 2.1% plus $0.46 per transaction. Membership renewal reminders will be revised.
A flyer advertising the position of NCTM rep which becomes available in June 2004 will be circulated to board members, and if needed in the Sept. Gazette.

NCTM : Frances Schatz reported that board members were to visit the NCTM display Saturday between 9 am and 1:30 pm. The prices of recent publications reflect the current exchange rate. All publications are at member price for OAME board members. OAME needs to reduce inventory on publications no longer in print so the prices are adjusted to recognize current dollar exchange. Here are some websites that are interesting.
Elementary School website is http://www.nctm.org/elementary/. Middle School website is http://www.nctm.org/middle/. *How Much of Yourself Do You See in a Small Mirror?* Explores angles, reflections, lines of sight, triangles, and more at http://www.figurethis.org/challenges/c09/challenge.htm.
High School website is http://www.nctm.org/high/. This site presents a weekly problem and highlight of the month with past problems and solutions.
2003 MET Winners: There are no winners from Ontario. NCTM encourages Ontario mathematics educators to apply for the various awards available. For more information please visit http://www.nctm.org/about/met.
Membership Information: For an up-to-date membership application form specifically for Canada please ask Frances for a copy . Too many Ontario teachers are paying full exchange when NCTM caps the Canadian dollar at $1.25.
Frank Schatz Special Recognition: Frank writes: Thank you to Louis Lim for nominating me and to the OAME executive selection committee for the award recognizing me for outstanding service to Mathematics Education in Ontario (formerly the Mona MacGregor Award). I had the pleasure of meeting Mona several times and I am indeed surprised and pleased to receive this prestigious prize for volunteer work I love doing with my wife Frances.
Please allow me to say, "thank you, Frank, for being so supportive in my volunteer work with OAME". I really appreciate how Frank organizes the NCTM resources for storage and displays, keeps track of inventory, and knows the availability and price whenever I receive an enquiry. Most importantly, he is my chauffeur to all meetings and conferences and this retired city bus operator has a really good 'mathematical sense' of what I should order for the display too. In addition, he is a really good proofreader for the *Abacus*, the journal insert I edit for the Gazette.

ANNOUNCEMENTS AND SHARING :

Announcements

OAME 2004: Paul Fennell reported that the OAME 2004 conference theme is *Applications and Beyond*. It will focus on mathematics, Apr 28- May 1, 2004 at the University of Waterloo. Residences are booked and will be reasonably priced. A flyer and speaker application forms were distributed.Keynotes are Chris Hatfield (astronaut) and Jock McKay. See the GVMA website for further details and speaker forms.

Field's Institute Reps: Stewart Craven reported that OAME can have up to 6 reps
ACTION: Interested people are to forward their names to Dave or Sue Hessey

Recognition of Louis Lim: Shirley Dalrymple thanked Louis Lim, even though unable to attend, for his excellent job as editor since Dec. 1999. He actively sought out new columnists and made sure the Gazette was published in a timely manner. His award, card, and honorarium will be presented in late June by his principal. Jack Weiner noted that Louis had been a practising teacher, acting VP, Department head, and post grad student, as well as being editor. Marilyn Hurrell thanked Louis for all the help he had given by email in the transition.

T shirts: Mary Bourassa, chair of Promotions suggested chapter reps purchase these as door prizes for mini-conferences.

Housekeeping:
Details were on the agenda.
1. Expense forms were returned to Dave. Cheques issued for expenses related to this meeting should be cashed as soon as possible. **Action: All**
2. An address list was circulated. Corrections were noted and returned to Dave. EDs asked to be immediately advised of any change in email addresses since much of the communication of OAME is now carried out using that mode. A new list will be attached to the minutes. **Action: All**
3. The Gazette Board list in the June issue was circulated. Changes were returned to Dave.
4. Chapter Representatives completed requests for the Promotion Packages
5. Chairs of committees were reminded that the EDs should be informed of any additional meetings held under the direction of the committee and the name of any additional people involved in such meetings, particularly when bills

may be forthcoming re expenses or supply teachers. **Action: Chairs**

6. Any reports which were to be included in the minutes of the meeting were to be submitted in writing or email to Sue or Dave before the close of the meeting.

7. All motions that are not routine were to be provided to Sue or Dave using the Motion Form sheets on the tables.

8. Any complaints about the hotel accommodation or service were directed to be made through Sue or Dave rather to the staff.

9. Time was reserved for curriculum committees to make a 5 to 10 minute report at 3:30 pm on Saturday. Other Committees wishing time to report were to notify Stewart Craven or one of the Executive Directors before lunch that they wished to make a report.

Sharing

Math Calendars: Stewart Craven provided samples

Geometer's Sketchpad: Greg Clarke distributed information about a workshop he did for OAME 2003 on GS.

Gazette: Marilyn Hurrell requested help with finding reviewers who could be sure the math is correct. She asked that those volunteering to help write articles, etc. keep to the published timelines.

ENOREO: Gord Cooke requested help with the ENOREO math conference. Please revisit this site.

Written Reports: Bill Otto requested that written reports be provided in advance of the board meeting to allow reading time.

DISCUSSION

Provincial Curriculum Review: Mathematics Stewart Craven led a discussion on: " What are the key messages that OAME should be conveying to the Ministry of Education about the Curriculum Review?" Discussion followed in groups. Ideas generated were:

- Grade 9 Applied needs to be modified to suit the needs of these students
- Increase the number of Locally Developed Math Courses available to be created for credit towards Mathematics
- There is a problem with the streaming of Applied Level students who find out too late that they need the Grade 12 College Technology course. There needs to be a bridging course for those students.
- There seems to be too many expectations and not enough time to explore these concepts. A reduction in the number of expectations is required.
- Review of the curriculum must include teacher in-service
- The group reviewing the curriculum should include all stakeholders (Colleges, Universities, Secondary and Elementary Schools)
- Clear direction as to how EQAO results can be used as part of a final mark.
- Technology is a key component of the new curriculum DO NOT remove it! (please support it by providing ongoing funding to maintain our technology-batteries, computers, software upgrades)
- developmentally appropriateness of expectations, should be research based
- the divisiveness of doing strands for math
- achievement chart and reporting requires revision
- be specific as to what each grade requires, some are overloaded, fill in gaps
- better examples of terminology
- a continuum of skills and process
- PD for teachers to understand doing investigations
- provide depth required for expectations
- Grade 7&8 needs to be richer- take from grade 6 and 9
- universities still expect proficiency in algebraic manipulation
- make "Essential Grade 9" part of policy
- Grade 11 College course means a one year gap in algebra skills/development from 10 to 12- difficult for students
- Workplace stream should have a grade 10 Math Credit available
- learning skills should be considered as part of course completion, credit granting
- grade 11 courses (11U, 11U/C) are very challenging
- universities and colleges need to align their courses/expectations to the secondary ones, noting new skills being developed
- make connections within concepts
- organize the expectations and identify what should be stressed, time required, depth of understanding, connections to prior and future learning

• better link from K to grade 1
• revisit the overall expectations
• consider split grades

PROJECT COMMITTEE REPORTS

JK-6: The group revised the tasks to improve them. They are piloting in June
ACTION: They will meet again Aug 8&9

7&8: The two tasks were updated. Samples have been gathered . The group needs to look at them.

9&10: The group needs time to work. They are frustrated by revisions and the new template. The student work does not now match the revised tasks. They will not be completed by Oct.
ACTION: Gord Cooke to work with them to glean the best of what they have.

11U/C: They have an intro to a unit and a performance task. They found the new template frustrating. They did do some refining and are good to go. some of the samples of student work was gathered before the revisions. They may need to field test again in Oct.
ACTION: Kevin Maguire will chair a small group meeting on Fri. Oct 3

11C: They met on June 6. They have a 4 day open-ended assessment and are developing a spreadsheet to help teachers assess.They will be field testing it in the next 2 weeks.

CHAPTER REPORTS

CHAMP- Rep: Fred Fernyhough: fred.ferneyhough@peelsb.com. No report
COMA - Rep: Peter Lenczewski: petelenc@compmore.net. COMA continued its popular series of Forums with an elementary one held at Elmwood School on Mon. April 14, 2003 from 4:30 to 6:00 PM. Some 75 teachers heard Mary Lou Kestell speaking on “Connecting Research and Instruction: Strategies for translating research into classroom instruction”. The session was extremely well received.Unfortunately the secondary forum had to be postponed due to labour disputes. It will be rescheduled for next year. The Carleton-Ottawa Math Olympics (COMO) was held this year at St. Mathews High School on Sat. April 26, 2003 and, as expected, was a sold out event again. More than 40 schools sent 60 teams of 4 to the contest, and a good time was had by all. The winners this year were First: Hopewell, Second: Cedarview and Third: Glashan. Hopewell and Cedarview will be traveling to the provincial OMO to represent COMA. Good luck to all the participants. COMA will again host its annual fall mini-conference on Sat. Nov. 8, 2003 at Ottawa University in their new computer studies facility (S.I.T.E. building). The conference was a tremendous success last year and we hope to repeat it . Details will be forthcoming.The Annual General Meeting for COMA was held at the Adult High School on Monday, June 2, 2003. Two major events took place at the meeting: a revised constitution was passed and the 2003/2004 Executive was elected.The Constitution was revised to accommodate changes in the manner business is being carried out by COMA. Copies are available to any interested Chapter.The new executive has a strong resemblance to the old, in keeping with the trend of having the various officers serve two year terms.
GOLDEN - Rep: Ed Haines: ed.haines@dsbn.edu.on.ca. Our workshop evening in April at Brock University was again well attended with approximately 120 participants in a variety of workshops from Grade 7 to 12 levels. It was followed by an always excellent dinner. Many thanks go to the Mathematics Department at Brock and especially Eric Muller for their support. In the Fall Golden Section is looking at a Saturday morning meeting with a focus on the Early Math Strategy for K to 3 and set of workshops for 4 to 6 . Also we are considering, another 7 and 8 PD session. These workshops will be posted on our website as more information becomes available.
http://www.dsbn.edu.on.ca/Schools/Golden/ . Anyone interested in participating in the planning of these sessions can contact us through the website. All volunteers are gratefully received.
GVMA - Rep: Paul Fennell: pmfennell@rogers.com. We held a successful spring conference on Thursday, April 10, 2003 at Kitchener Collegiate. The dinner speaker was from the new university, the University of Ontario Institute of Technology (UOIT). Very informative, and quite an exciting new institution. Our fall conference will be held on Thursday, October 23, 2003. Note, this is off our normal day of the second Thursday in November. Look for further details in the fall. Plans are in full swing for the GVMA sponsored OAME 2004 conference, Thursday April 29 to Saturday, May 1, 2003. The theme for the conference is "Applications and Beyond". Our intent is to offer a math conference. It will be held at the University of Waterloo. A good number of residence spaces have been booked for those looking for an excellent deal on accommodations. For those who wish to speak at this conference you may find a link on our web site to a PDF file for a speaker information form. Or, if you have the desire to volunteer at OAME 2004 you will find a link to register on-line at our web site.The co-chairs for the OAME 2004 conference are Dean Murray and

Paul Fennell. The GVMA web site is http://home.golden.net/~gvma

ISOMA - Rep: TBA braaflaub@appleby.on.ca. St. Andrew's College will be hosting the ISOMA Mathematics Olympiad in the Spring of 2004.We hope to have a Fall ISOMA Conference either late October or early November, date and location yet to be confirmed. We are promoting the T^3 regional conference Oct. 3 & 4 at Harold M. Brathwaite Secondary School, which is a new school in Brampton, opening in September, 2003. People are also encouraged to visit the T^3 website http://education.ti.com/us/t3/conferences/regional/toronto.html for more information.ISOMA is still looking for members to take on ISOMA executive positions and a host location for the ISOMA Fall Conference. Please email braaflaub@appleby.on.ca

MAC^2 - Rep: Greg Clarke: gpclarke@smcdsb.on.ca . MAC2 successfully hosted a Spring MiniConference at St. Peter's Secondary School in April, with approximately 70 teachers in attendance from as far away Bracebridge, Collingwood and Bradford. It was such a huge success that teachers were asking how soon we could do it again ? SO .. we've picked a date and a city - and mark this down - we'll be running our "more or less" Annual MAC2 Fall MiniConference on Thursday, October 23rd, 2003 from 4pm to 8pm in Orillia at Twin Lakes Secondary School. For full details, check out the MAC2 website as the date gets closer. (http://smcdsb.on.ca/secondary/MAC2/) At our annual AGM, a new slate of officers was selected - and we're pleased to announce that Bill Morrison, one of the MAC2 founders, will be the president of MAC2 for the coming year. Also on the executive are Jon Rae, past president, Tracey Nastasiuk, president-elect, Brad Hilliard,treasurer, Jack LeSage, secretary, and a number of councillors including Dave Davidson, John Egsgard, Andrew Famiglietti, Sheila Garriock, Linden Gray, Eleanor Morrison, Peter Ryback, Joyce Smith, Lyn Vause, and Greg Clarke, OAME board representative. Among the initiatives that MAC2 will be planning over the next year is a resumption of a regular newsletter which will be emailed to all existing MAC2 members when ready, as well as posted on our website. Stay tuned for further news - check out the website for pictures from our events this past year.

NOMA - Rep: Pauline Therrien: therrip@scdsb.edu.on.ca. Judy Dussiaume and Bob Smith attended the 2003 Leadership Conference and were once again very pleased with its caliber/. Next year NOMA plans to sponsor a NOMA member to also attend. 'Geometry and Discrete Math Chat' nights held in February were very beneficial for all involved! Judy Dussiaume and Heather Boychuk attended The Ontario GSP4 Summit 'The Geometer's Sketchpad' on May 14 - 15 . Not only did 'all' of our current executive and 'most' of our committee members attend the 30th Annual OAME Math Conference in Oshawa , but four of our Executive Members presented and Noma sponsored one representative!! Our mission to 'scout out' possible speakers / presenters at the OAME Math Conference in May for our NOMA Conference on October 17,18 2003 will be discussed at our next meeting on June 5. Regional Training for Early Math Strategy and Grade 9 Applied Math are board specific initiatives, although NOMA will discuss their relevance to future workshops / discussions / directions . We thought we would try our hand at a spring NOMA Math Olympiad on Saturday May 3, as a precursor to the OMO Event . We were assuming at that time that we might pick up 2 or 3 team entrants BUT much to our amazement we received 19 teams = 74 students , far-exceeding our expectations!!! Needless to say it was a HUGE success. NOMA is sponsoring two teams and a third team will participate in the Grade 7 and 8 Ontario Math Olympics in London Ontario June 13, 14 2003

NWOAME- Rep: Rona Doyle: trdoyle1@yahoo.com. No report

PRMA- Rep: Jacqueline Hill: jacqueline_hill@durham.edu.on.ca. We just successfully hosted OAME 2003 annual conference. We are working towards hosting OMO 2004 . This fall we want to put together two or three dinner time math nights. We will be in contact with OAME members for their areas of specialty. We continue to grow in numbers (due to the fine efforts of our executive and the OAME conference).

QSLMA -Rep: Robert Sherk: sherkr@limestone.on.ca. Our chapter has been active this spring in a number of areas. Thanks to anew group of elementary school teachers, a local OMO has been organized and the winners of our local event will be sent to the June OMO in London. 28 local schools participated in our event which was run at each school site through electronic information sharing. QSLMA sponsored two representatives (one elementary and one secondary) to attend the GSP4 Summit conference held at Queen's In May. These teachers enjoyed the 2 day, intensive workshop and came out experts in the use of the newly Ministry licensed, and greatly improved version of GSP. They will share their expertise at the QSLMA Fall conference to be held in November. Our local executive is beginning to plan that event and hopes to have the details in place before the summer break. Our executive continues to keep in touch with our members and promote the activities of OAME through oure-forum (email network).

SAME- Rep: Sumintra Koowar: sumintra.koowar@tel.tdsb.on.ca. S.A.M.E. hosted a successful mini-conference held at Albert Campbell C.I. on Tuesday, November 5th. The number of registrants for our fall conferences have been growing and the enthusiasm of our mathematics educators was good to see. Participants perused the wares of our invited publishers while being revived by a coffee and a delectable cookie. These cookies, created by the food services students from Robert Bordon B.T.I., have become our trademark over the last two to three years. The evening ended with our keynote speaker, Don Fraser, who enlightened us and threw in a dash of humour to uplift us. We are proud to announce that one of our prizes at this conference was to once again send a delegate to the provincial OAME conference this spring. The recipient of the prize was a brand new teacher in a collegiate from the

former Scarborough Board of Education. With the understanding and support offered by her principal and head of the math department arrangements were made so that she was able to attend. During this difficult year, where teachers from both panels in TDSB found themselves taking job action against the Board, it was nice to have this new educator come out to our conference initially and then to take part in the much larger experience in May. Plans were well on their way for our second mini-conference usually held in the spring. However, due to the work-to-rule, we had to make an announcement stating that it would have to be cancelled. Through the dedication and ruthless persistence of one of our executive members we are still able to send several teams of students to compete in the OMO competition held in London. Since teachers in the elementary panel were now at stage three of work-to-rule, the teams could not meet with a coach to prepare. Students prepared at their own schools using material sent by courier and/or fax. We wish them well. All communication between executive members has been done via e-mail, for the most part, for the last four months making the task of arranging for the above-mentioned group of students to represent Scarborough at the OMO competition even more difficult. We have been in communication with our Federation to ensure that we can provide our educators with most of what they have come to expect from our Chapter. Therefore, applications for our annual Jim Fencott award were sent out, as usual. However, we received no nominations by the given deadline.This has been an unusual year, and a difficult one. The executive have pulled together when needed and they have been supportive of one another through these stressful times. We all are looking to 2003-2004 in hopes that S.A.M.E. can once again be thriving, without roadblocks.

SWOAME- Rep: David Petro: david_petro@wecdsb.on.ca. In February we had a introductory workshop on Fathom. It was short but we hope to put on a two day summer institute in July or August to look at Fathom and GSP4 in closer detail. We will be sending two teams to OMO this year and hope for excellent results.

TEAMS- Rep: Pat Margerm: pmargerm@edu.yorku.ca. On Saturday May 3, 2003, over one hundred intermediate students from both the Toronto Catholic District School Board and the Toronto District School Board participated in the Math Olympics at the Catholic Education Centre. TEAMS will sponsor 4 teams to compete in the OMO in London on June 13/14 and practice sessions have been scheduled to help the students prepare for the event.TEAMS is planning to host the provincial OAME conference in 2005 and in preparation for this event TEAMS is actively seeking volunteers and ideas. Please talk to your members about what they would like to see/hear and do at a conference and send us your suggestions.

WOMA - Rep: John Ferguson: fergus@xcelco.on.ca. The time is almost here for Union Gas/OAME OMO 2003! Tom Griffiths has thought of every detail; he and his crew of volunteers are just waiting for the students. WOMA's Spring Conference, Mission M.A.T.H. (**m**aking **a**ll **t**eachers **h**appy), was a huge success. It took place at the U.W.O. Faculty of Education on April 10 with an even 200 people in attendance. Bravo to the organizers! After the success of our "Dinner and a Manipulative" series this past year, we plan to continue this…possibly begin a tradition. As usual, we plan to host a Spring Conference as we have in the past. The year end meeting is scheduled for June 5 at the home of Vince Chicoine. That's it until the fall.

Y4MA - Rep: Rosey Mastrofrancesco: roseym5@rogers.com. Y4MA is planning to send one team to the provincial OMO in London. Y4MA has drafted a letter requesting the 3 boards that we encompass to take over the costs of the local junior math olympics in each region.This will enable us to continue to sponsor teams to go to the provincial OMO without having financial difficulties.We continue to pick monthly winners and give them a prize for renewing or joining OAME, their names are posted on our website. We will be increasing our efforts to recruit members for our committee by advertising on our website and at our next annual fall conference. Planning is under way for our fall conference which will take place on October 16 at St Augustine Catholic High School.

Adjournment: 3:37 pm