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

MINUTES OF O.A.M.E. BOARD OF DIRECTORS MEETING
Feb 8 & 9, 2008, Holiday Inn Select, Toronto Airport

PRESENT:
Executive: Dan Charbonneau (Past President), Jacqueline Hill (President), Anna Jupp (President-Elect), Fred Ferneyhough, Anne Yeager , Gord Cooke (Vice Presidents)
Chapter Representatives: Lynda Ferneyhough(CHAMP), Pat Kehoe (COMA), , Rob Gleeson (GVMA), Diane Lang (ISOMA), Danielle Blair (MAC2), Sue Melville (NOMA), Tom Boland (NWOAME), Sandra Price (PRMA), Robert Sherk (QSLMA), Debbie Drape (SAME), Laurissa Werhun (TEAMS), Ann Michele Stenning (WOMA), Ada Cartaginese (Y4MA)
Elected Directors Dwight Stead, Charlotte Cutajar, Merilyn Fox, Bill Otto, Anna D'Armento, Anna Dutfield, Duncan Leblanc, Laurie Moher, Dennis Caron, Bev Farahani, Cathy Hall, Connie Quadrini, Glynnis Fleming , Trish Steele
Others: Sue and Dave Hessey (Exec. Directors), Marilyn Hurrell (Gazette Editor), Kathy Kubota-Zarivnij, Mary Lou Kestell (Abacus co- Editors), Stewart Craven (Gazette Editor shadowing), Carol Matsumoto (NCTM ASC rep- Sat only)
Regrets:, Louis Lim (has resigned), Laura Tonin (GOLDEN), Walter Whiteley, Joe Goulet (SWOAME), Greg Clarke (Webmaster). Paul Gautreau, Blanche Thomas, Cathy Kyle
Fri: Anna Dutfield Sat: Bev Farahani Sat afternoon: Ada Cartaginese. Laurie Moher, Mary Lou Kestell

FRI Feb 8, 2008
Chapter Reps Meeting (6:30-7:30 pm)

1. **Welcome** : Sue Hessey welcomed all returning chapter reps and reported that Laura Tonin had a baby boy, Benjamin, in January. Laura will return in June.
2. **OAME Business**: Sue Hessey discussed:
a) Chapter updates, as of Dec 15, were emailed to all reps and chapter membership secretaries once annual chapter reports were approved. An excel file of your membership is readily available any time from Sue. A list of lapsed members, as on Nov 15, was distributed to chapter reps for followup.
b) Annual chapter reports were received and approved from all chapters. Some were late and many needed followup action regarding financial statements and/or membership renewals of chapter executives, but all followup was completed. The summary of the reports and rebates was circulated. A total of $13688.10 was retuned to chapters. Chapter rebate cheques were issued to all chapter reps. **ACTION: All: please cash ASAP.**
c) The names of OMO co-ordinators for OMO 2008 were circulated, as well as the role of this co-ordinator. The latter has also been emailed to each OMO-co-ordinator.
d) The request for a promotion case was circulated.
e) Chapter Project Grants were discussed and the procedure and form circulated. **ACTION: All: The deadline for submission is May 15.**
3. **OMO 2008**: Sandra Jean Price distributed time sensitive materials to cha reps to hand on to their OMO co-ordinators. The initial cheque and intent to participate is due by Mar 7. Co-ordinators will be emailed as each step approaches. OMO 2008 is May 30 &31 at Trent University. **ACTION: All chap reps**
4. FAQ and discussion:
    1) What is the role of chapter rep? The role was circulated and is in their red books
        a. How do they fit into the OAME board?
            i. Directors are less regional minded and are elected

   ii. Ch reps represent their own area and chapter and are appointed by their chapter. This ensures the whole province is represented
   iii. Both serve as voting members on the board
b. What do other chapter reps perceive as their role within their own chapters?
   i. Information point- a conduit both ways

2) When I attend OAME director meetings three times a year, so much happens over the course of the two days. How do I report back to my chapter? What is important to pass on?
   a. Provide a one pager of highlights to chap exec and membership
   b. Send whole minutes to exec and then answer questions
   c. Email a flyer to membership that incorporates some of the ideas and issues arising- this flyer is filtered through the chap exec first
3) Could we devote one of our chapter rep sessions (or maybe part of a session every year focuses on this) to handing out programs from our mini-conferences and other workshops to each other so that the ideas for sessions are shared? When we are planning our chapter meetings and conferences, it would be really handy to have information about speakers and what they charge.
   a. It is not possible to send attachments via the email on the website to chap members
   b. If reps email conference flyers to EDs, they will email out to all chap reps.
   c. Attend provincial conference and ask chap members to come back with names of speakers spoken to and who would agree to speak at their local mini-conference
   d. Some pay keynotes $250 plus mileage/hotel. Food is included with conference
   e. Get people free through publishers
   f. Give Chapters gift certificates
   g. Increase cost of publishers tables (range was $50-$150)
4) What kinds of things do chapters do to maintain/increase membership?
   a. Direct flyers through mentor teachers
   b. Contact people at ministry training- circulate list to include emails
   c. Build memb fee into a mini-conference
   d. Convince members its worth it
   e. Reduce rate at mini-conference for members
   f. Eg: gave a book following a forum to members only
   g. Subsidize events for members (like a TInsire workshop)
   h. Have boards pay registration fees (including membership)- this is cheap PD
   i. Ottawa Univ pays for delegates lunch on Sat mini-conf.
   j. Seek funding through principals for memberships/conferences
   k. School membership?
5) What types of projects have chapters received Chapter Project Grants for?
   a. Funding conference speakers for long disatance travel/hotels, etc (eg: NWOAME)
6) How do I get chapter updates posted on the OAME website in the chapter section? How do we access our chapter info, members on the OAME site
   a. Sue demonstrated where to look and how to update information
   b. Can always send info to Sue to update or post
7) Who on a chapter committee should be paid for an OAME membership?
   a. Some people are voted onto the committee, but don't attend meetings and or contribute to sub committees. Attendance: How many meetings must one attend? What about work contributions vs just attendance?
      i. Only 3 chapters pay for exec to be members
      ii. Some recommended completing the year before membership is paid to see level of commitment, attendance , etc
      iii. A little perk has now become an expectation
      iv. Suggested chapters use this as a reward only
      v. Other chapters allow applications for subsidy to conferences
8) Do other chapters sponsor a mathematics award for students graduating high school? What is the criteria, amount, how decided, equal between multiple boards in chapter?

   a. QSLMA, TEAMS and MAC2 only
      i. QSLMA uses the highest Euclid Score
      ii. TEAMS has a mail in application
9) How much do chapters sponsor their Math Olympic teams?
   a. Some-all costs
   b. Some- chapter pays half. School/board pays half
   c. Some- initial registration only
10) Do other chapters run the Junior math challenge or just sponsor/financially support boards/schools/teachers do this ?
   a. only MAC2 and CHAMP
11) Can we continue this FAQ as a standard agenda item for 10 min on every future agenda?
   a. ACTION: to include

Board of Directors Meeting

Call to Order: Time: 7:48 pm

Welcome and President's Remarks: Jacqueline Hill welcomed everyone and commented that this was her last board meeting as President. She reviewed the messages woven throughout her term of office. She distributed Valentines and thanked the board members who work hard for OAME. She gave a special recognition to committee chairs.

NCTM corner: John Kersley showed the following resources:

1) A series on teachers engaged in research that follows a classroom along from objectives to lesson delivery
2) Poster with 100 problems
3) Grade 5 Navigating through Problem Solving
4) Math Cartoon Corner

Promotions Presentation: Tom Boland demonstrated how to access the OAME powerpoint "roadshow" on the website. He encouraged board members to use it in speaking opportunities to familiarize others to OAME work. He also pointed out the GUM resources workshop material on the website for board members.

Constitution Presentation: Bill Otto led board members in an interactive discussion on the state of the OAME board of directors. Data was supplied. Groups discussed 4 issues and responded as follows:

#1: OAME's strengths with respect to board and Exec meetings, work of Standing Committees, other special OAME projects

- we think that we have a good cross section of people ministry, teachers at all levels, administrators
- GUM project very valuable, K-12 vision.
- One of the strengths is that it brings teachers from all over the province, allows us to problem solve together
- Links to the Ministry, and the influence we have had with the Ministry. (eg: Grade 12 delay)
- Excellent opportunity for networking and it is the glue that binds Ontario with regards to mathematics education.
- Strong pair of executive directors that ties the organization together.
- Sharing opportunity at the chapter reps meeting
- Futures committee allows for the continuum for OMO and annual conferences
- Time provided for standing and curriculum committees provides a focused opportunity.
- Pd opportunities for us
- Leadership conference
- Math talk that is in the room and radiates between people. Spreading the word is really important.

2 Concerns wrt board and exec meetings, standing and curriculum committees

- Membership: there are more publishers then middle school teachers, there are one third as many elementary teachers as secondary members.
- Low energy level on the Friday night meetings. Perhaps offer coffee to energize the participants.
- Sometimes we compare ourselves to NCTM. We need to fill a different role in education.

- We are demographically challenged. We are not very multicultural.
- Despite our intentions we have a relatively small sphere of influence with the math teachers in Ontario.
- One of the things we talked about is in terms of rallying membership, should we promote at the senior admin level in boards by promoting school memberships? We should infiltrate the people who have money?
- Time is not used effectively. Projects are too large, and the amount of time we actually get to work on them too little. People are too busy outside of the meeting time. It would be nice to have a focus within the timeframe.
- When we are working, are we working on the wrong things? Should we make connections outside to hire to get work done?
- Dwindling attendance at the meetings
- Not enough time in the standing committee to actually do the work.
- Should we look at the changing focus to the teaching of mathematics and how we deliver the materials (ie adobe connect)?
- Focus on PD not resources
- With our time together sometimes there is a portion of the time relaying information. So we are not making decisions together, we are listening to others' reports.
- Ecological footprint is embarrassing. So much paper!
- People driving or coming along way to a meeting that lacks productivity.
- A lot of people have eluded to the fact we run out of time. Too much on the agenda.
- Each meeting should have a focus. It should either be curriculum or PD, but not both
- In terms of standing committees the structure is needed, but we don't need a zillion people.
- We suggest that standing committees be limited to fewer people, that meet on a different day.
- Curriculum committees need to build math knowledge to contribute to ideas that are more pd like. Come together to build knowledge of math for teaching K-12.
- We have wonderful conferences, but you only know about them if you are a member and get the Gazette. We need to do a better job of letting the outside world know about what goes on. Do we need a professional marketer?
- Have no January/February meetings as the weather is always bad. Dates in Sept/Nov/April would be good.
- Board members having more input as to the type of PD that goes on at the board meetings.
- Younger newer members should be groomed to become committee members. We should mentor new teachers to our positions.
- The number of meetings. Maybe exec is 3 meetings and the board meeting is four times.
- Should we reconsider what the standing committees are?

#3 Constraints or obstacles that must be overcome:

- come to learn from one another.
- All of us do presentations in our boards, we should share out to attract more people other than just members
- Disconnect between elementary and secondary.
- Difficulty in getting people to take on positions of responsibility
- Our own creativity is a constraint. What goods and services we provide to our members. Maybe they are not the right ones. Perhaps corralling retired math educators that could go to boards and help out where people need help, and be subsidized by OAME.
- Membership. How do we get the memberships more equitable? Elementary teachers have to belong to many organizations.
- Standing committees are needed in terms of operation. Curriculum maybe not so much. Create a project that is tied to whatever the president's focus is that year. Have little pieces that go to that one idea.
- Move the board business to Friday night, and have Saturday for uninterrupted working time.
- Time between meetings. Can you get everything done that needs to be done between meetings.
- If I have a busy week, and driving a long way, Friday night is not the best for productive work to be done.
- Inattention at meetings.
- Small blocks of time, irregular attendance: Feeds into feeling unsuccessful
- Boards do not know about us, the way we think they should.

- Stand alone Abacus is a cost issue.

#4 Suggestions or recommendations to resolve these identified constraints or obstacles

- we could be directing people to what is out there already, such as the Abacus, and the Gazette.
- We could make the Abacus separate, bundle 4 issues, and sell it.
- When we get together we should think of ourselves as groups of mathematicians. Stop making little things, learn mathematics.
- Bring a friend from our home front so that there are more voices to go home with.
- Bring a friend to a conference to engage in this environment.
- Restrict a lot of the business to one meeting per year. Have the other meetings as curriculum development meetings.
- Use technology to support districts that need or want technology: eg Adobe Connect, Skype
- Have good PD videotaped and put on the web in members only:, good reason to have a membership.
- Committees could be regionalized. You could report back electronically.
- What are we all about? We need to service chapters more. Can we develop workshops to facilitate local PD? Help to plan the annual conference or OMO. Maybe we should take ownership of the speakers of the annual (they should respect the vision of OAME)
- What made working committees great.? What was their recipe for success? Use the success of those committees and apply it to other committees (smaller numbers, outside working time etc).
- In terms of the sharing, we need time to trade and get ideas from each other to support the chapters.
- If this is going to be more of a learning community, could we not bring in a speaker for Friday night to get us going? We could become a research vehicle and go and gather data, and produce a white paper.
- Excessive paper and time: Send written reports ahead via e-mail.
- The committees and the board are too big. 45 people is too many to make effective decisions- too unwieldy.
- Have we considered school memberships? Suggest one paper copy of Gazette, rest online. Discussion needed for conference discounts.
- We have a mission statement, but how do we actually make that happen?
- The question is: what is the purpose of the directors meetings? PD? Create resources? Do business? We need to decide.
- Using the board of education numeracy groups to promote OAME.
- The issue is how do we get the message out there? How do we reach out and touch someone? The majority of our teachers are JK-8, but only 15% of the membership is from that section of the population.
- Product, PD, service. Get the PD, use this and go out and give this PD.
- Is the timing an issue? Should we do some PD sessions on a Saturday for the chapters?
- We need to use the technology that is available to us (eg: Podcasts, wikipedia)
- Maybe it is time for OAME to go to the council of directors so they know that we exist. Work from the top down.
- Partner chapters with their local boards.
- In the Toronto area there is a wealth of PD that occurs. Maybe we can't be a one size fits all organization.

SOCIAL TIME: OAME Suite # 1146, 9:30-11:00 pm

Saturday Feb 9, 2008

Equity Committee Breakfast: Sue Melville reported the following highlights:

1. Discussion of Book Study #2: The book under study was *Differentiated Instruction in Mixed Ability Classrooms* by Carol Ann Tomlinson. The general consensus was that this book has great value for classroom teachers because of its readability as well as its practical and immediately applicable examples. The author devotes one chapter to each type of differentiation: readiness, interest, ability, content, process, and product. Several members commented that they now have a much clearer understanding of differentiated instruction than they had before reading the book. The one omission in this book seems to be any concrete treatment of assessment and evaluation in a differentiated instructional environment. This seems to be a particular concern of teachers in the secondary panel because of the need to translate student achievement into a specific numerical mark at the end of a course.

Action: Sue Melville will look for a suitable book on the topic of assessment and evaluation in a differentiated instructional environment, and provide details to the Equity Committee members prior to the next board meeting. We intend to select a resource for continued study. Suggested authors include Kathy Fostastny-Young (ICE), Damian Cooper, Carol Ann Tomlinson, and Jay McTighe (Integrating DI and Understanding by Design).

2. Discussion of whether d.i. fits our committee mandate: We agreed unanimously that d.i. definitely fits our mandate of ensuring equitable mathematics education for all students. There was some discussion about breaking into more specialized groups to pursue teaching/learning strategies for special interest groups such as ESL students, girls, boys, learning disabled students, and Aboriginal students, for example. After some debate, we agreed to work together as one large group and to seek answers to our questions about assessment/evaluation as noted in the previous item. Along the same lines of discussion, the committee agreed to approach the OMG editor for space such as a regular column, in which to communicate the results of our book studies and other committee activities. We touched briefly on the idea of creating a Members Only repository of information on differentiated instruction.
   Action: Merilyn Fox will submit an article for the next issue of OMG comparing the two books used in our book studies.
3. OAME conference plans: The Equity Committee has no specific responsibility for speakers at the upcoming conference. We will begin planning for a speaker at the 2009 conference at the next committee meeting.

PD Session: Complexity

Kathy Kubota Zarivnij led the board of directors through a follow-up interactive session on Complexity.
ACTION: EDs to distribute powerpoint and other JK-6 resources to all and post on website

Standing Committees

Publications: Lynda Ferneyhough reported the following:

1.Welcome to all present and to Stewart Craven, upcoming editor of the OMG.

2. They looked at the survey re: the OMG from the last directors' meeting.
   - Overall satisfaction is high.
   - Areas for improvement:
     - Colour? - expensive, would we have to up the price? Increase ads?
     - Abacus could be sold as a stand-alone (4 put together.) Ads sold for the combined version?
     - Focus issue once a year? Stewart agrees but not for this year.

3. Abacus Report: Will continue with *Division*. The visuals will be really strong. Book will be "Madeline". If more elementary was put in the OMG there could be a continuum of solutions from elementary to secondary like today's exercise.

4. OMG Report: The June issue is almost completed. We have lost some columns as of Sept. (Jack Weiner, Fred Ferneyhough, Louis Lim). There will be a new NCTM rep so that column will continue but with a new writer. John will do the Sept. column. Lynda Colgan is experiencing some health concerns so we may reduce her column to every other publication as we do with Chris Suurtamm. Need for more content and copy editors. Stewart reported that he has three helpers to aid in elementary/secondary/technology viewpoints. New ideas: Special features can include short reports, anecdotes etc. Don't want master's thesis but we need to encourage more submissions; AQ courses are one source; OMCA could be a source; Ask Chapter reps to bring submission; New column on math related dates in the next three months; Presentation of rich problems with exemplars; Ministry monographs.

5. Website Report: Greg was not present and there are currently many problems with the website. It is seen as key to OAME promotion, voting and conference registration.

6. New Business: School membership? Can you limit access or restrict access? School membership could have fewer privileges (no discount on conferences). Look at it as individual membership has added value. School membership would help us to send OMG to a wider audience and might help increase individual membership. Also could be financed through the board or school level.

Futures: Cathy Hall reported that host chapters are in place for the next three years for OMO. However, the Committee is still seeking a chapter to host the 2011 Annual Conference. The revised planning guides for both of these events are now in Working Draft format and are being piloted/edited by the Co-Chairs of this year's events. The committee also discussed issues and possible solutions regarding the OAME website and MCIS. These recommendations will be forwarded to Executive for further action. **ACTION: Futures to forward to exec by Apr 1**

Promotions: Charlotte Cutajar reported the following discussion:

Brief Updates:

Goal 1: School and Board memberships discussed at last Executive mtg. and pros and cons summarized by Anna Jupp.

Goal 2: Taking the Road Show on the Road: complete; will present at OAME conference; Tom Boland located and showed how to access Road show on website last night to board members. We have $250 to put the Road Show on CD's, we are transferring these funds to goal number 3.

How do members find out about the $200 for promotional items to support promoting OAME at workshops? Who should use this money? Anna suggested that the promotion of the road show could be done by presenters at PD sessions. We need a protocol to access this money. People working on goal 3 will tackle this protocol.

Goal 3:

We need to create a fact sheet ASAP for the annual conference in May, as well as decide which promotional items to include in the delegates bag.

Revisit Discount Offer For Board Memberships (see notes below)

Subcommittee worked on letter, but they haven't finalized letter or poster because haven't decided appropriate discount yet.

Board or school memberships could be denoted with some kind of symbol that would allow some privilege but not others.

It sounds like our idea of increasing membership is in conflict with the livelihood of supporting the individual chapters.

Concerns: Why would a teacher need an individual membership? Chapters survive through the rebates. There would be no rebates for school or board memberships.

Our goal is to increase membership, especially elementary. This may defeat that goal.

Should chapter and OAME conferences include an automatic membership charge for those who are not yet members?

Hence, we recognize that the board/school memberships are detrimental to increasing our individual memberships that support chapters. We recognize that chapters need the support since they provide direct support and resources to the members. Hence, we would like the executive to consider strategies to increase memberships.

Develop protocol for requests for OAME exhibits at conferences (perhaps a subcommittee takes this on?)

Members assigned to Goal 2 will take this on.

Consider including a map showing location of chapters as part of this committee's work. This is an awareness piece to show the locations and acronyms/names of the chapters, not to promote a particular chapter or give a contact name. Sue Hessey updated the subcommittee on why the executive has made this request to the promotional committee.

Other

Feedback for Greg:

Does OAME need a website subcommittee to help manage it and keep it up to date, etc?

We need to make sure that the website entries are kept up to date.

How do people know what the member's benefits are?

We need to promote the website to make sure that people know that there is excellent material there and that it is the first place they should visit.

There are some materials that work better in hard copy, such as the Abacus. Should it be on the website?

-Perhaps OAME should consider forming a standing committee dedicated to the website.

Discount for Board Memberships – NOTES from EXECUTIVE MTG:

From Anna Jupp: Some points of discussion that were raised at our last Executive meeting:

Our proposed board memberships have an impact on Chapter rebates; chapters will not receive rebates with our

proposal. These board memberships could actually wipeout individual memberships, shutting down chapters! Could we look at increasing elementary memberships in another way?

From Sue Hessey: A discussion on special school membership at a reduced price included the following for consideration:

• we could use a separate database if no website access was required
• all schools in a board would be included to get the special rate
• Gazettes would be sent to central board location for distribution through their courier system
• these memberships would **not** get a chapter rebate
• the above might reduce or deplete a chapter's members and finances
• Greg said we could identify these memberships by adding a new field to our database (ie institutional) and stop these from having conference reduced rates
• the purpose was to increase elementary members

Goals and Big Picture for Next Two Years

1. Target school boards via OMCA to promote OAME by purchasing a school membership for every school (K-12) in their board

-create letter to be given to each Board outlining the benefits of having each school in their board a member of OAME
-create pkg to be given to each Board which includes letter above, copy of Gazette, and brochure
-give the package out at a well-attended OMCA meeting
-consider offering a sales pitch such as a special school membership price that does not include conference discounts
-develop poster to accompany the school membership to attract additional members from within each school

TEAM: Joe, Merilyn, Blanche, Charlotte, Dennis

ACTIONS and TIMELINES:

From October's Meeting:

- √First draft of letter written by Blanche and sent by end of the week.
- √Feedback to be sent to Blanche by the end of October.
- √Blanche sends final draft letter to Charlotte by mid November.
- Charlotte will photocopy and have the letter ready for the packages by the end of November.
- √Charlotte/Anna will investigate which month is best (most members present at a meeting) to give OMCA members. (Trish indicated that the May mtg. at the annual conference is the best attended)
- Poster needs to be ready by January. (Posters will only be sent if they buy a school membership.)
- Dennis needs to send first draft of poster to Promotion Committee members by October 28.
- Joe will send the images to Dennis for the poster as Joe is getting that from Sue.
- Members will send feedback to Dennis.

From February's Meeting:

- √We recognize that the board/school memberships are detrimental to increasing our individual memberships that support chapters. We recognize that chapters need the support since they provide direct support and resources to the members. Thus we have temporarily put this goal on hold. We would like the executive to consider strategies to increase memberships in order to inform our work. Charlotte will make Sue aware of this.

2. Board Members Take the Road Show out on the Road.
Develop a protocol for requests for OAME exhibits at conferences.

-encourage board members to speak about and promote OAME when invited to present at Faculties of Education, mini-conferences, etc. (i.e. incorporate promoting OAME no matter what the workshop topic is). Tom Boland did this during the Feb. 2008 Board mtg and showed how to access the roadshow and workshops from the website.
-Finish workshop descriptions
-Develop a protocol for requests for OAME exhibits at conferences.
-Develop a protocol for requests for OAME promotional items such as flyers, pencils, etc., to give out when promoting OAME during their workshops.

TEAM: Tom, Diane, Rob, Louis

ACTIONS and TIMELINES:

From October's meeting:

- √Charlotte will ask Sue H. to include promotions/Abacus in the agenda for our next board meeting
- √Ask Sue Hessey for ten minutes at next board meeting for Tom Boland from Promotions to show members how to access the road show and workshops from the website. As well encourage board members to promote and incorporating OAME at any workshop that they do.
- √Diane will forward final workshop descriptions to Greg Clarke to post on web site to go along with the actual workshops.

From February's Meeting:

- Diane will follow up with Greg to ensure that the workshop descriptions have been placed in the appropriate place on the website.
- √Diane will type up a possible protocol and circulate to Rob and Tom to respond to requests for OAME exhibits at various functions.
- Consider a budget of $400 for next year to support the protocol for responding to requests for an OAME exhibit at various events.

3. Promote Continued Membership at the Annual Conference

-create a fact sheet stating you are a member, the benefits, and contact info
-provide promotional items and brochures in the delegate's bag

TEAM: Anna, Blanche, Merilyn, Joe, Dennis, Trish

ACTIONS and TIMELINES:

From October's Meeting:

- Fact sheet will be created after the letter is written at our next Board meeting (the promotional brochure created a few years ago does this nicely already, hence the fact sheet is no longer needed)

From February's Meeting:

- √Dennis will contact Sue Hessey to let her know which promotional items to include in the annual OAME delegate's bags (OAME pencil, OAME memo pad, coupon to use during the conference and redeem at the OAME exhibit, OAME promotional brochure)
- √Trish and Sue Hessey will connect with Connie Quadrini to inform her of the items to be included in the delegates bag and to give her the items
- Dennis will create and print the $1 coupons to be included in the delegates bag and give to Trish to give to Connie. Note that we also have the budget lines from Goal #1 to cover this expense if needed.
- √Connie will print the coloured brochures for approximately $550
- √Charlotte will email Sandra Price to get electronic copy of OAME brochure (price_snadra@durham.edu.on.ca)

4. Consider possibilities of Reaching Out to the Parents and the Community in Order to Support their Understanding of the Changes in the Teaching and Learning of Mathematics

-continue brainstorming ideas of how we can support this initiative
-approach Greg about creating a "parents corner" and "students corner" on the websites

TEAM: all of us

ACTIONS:

- Informally brainstorm ideas to form this as a focus for next year.
- OAME should consider forming a standing committee dedicated to the website

Budget Proposal:

GOAL 1 Target school boards to promote OAME by purchasing a school membership for every school (K-12) in their board (60 English boards, and 12 French boards)	
Budget Item	**Amount ($)**
Photocopying of letter and brochure to each board (approx 75 each)	50
Copies of a newer Gazette to each Board (approx 75)	280
Envelopes and postage stamps for sending the pkg to each board	50

GOAL 2 Take the Road Show out on the Road	
Budget Item	**Amount ($)**

Cost of producing a road show CD for each board member (transfer these funds to goal 3 to support the costs of the promotional items)	250
OAME promotional items and photocopying of brochures WHEN NEEDED to give out at the Road Show	200

GOAL 3 Promote Continued Membership at the Annual Conference	
Budget Item	**Amount ($)**
promotional items to be included in delegates bag for the annual conference (approx 1400 items)	3000
photocopying of brochures to be included in each bag (approx 1400 copies)	100
photocopying of information sheet (approx 1400 copies)	100

GOAL 4 Consider possibilities of Reaching Out to the Parents and the Community in Order to Support their Understanding of the Changes in the Teaching and Learning of Mathematics	
Budget Item	**Amount ($)**
No budget Items for 2007 – 2008	

Inventory Budget:
-women t-shirts
-500 of each type of elementary sticky pads in blue ink
-buttons "I love Math" that Dennis designed
ACTIONS:
From October's Meeting:

- √Dennis to make 300 buttons to bring to next mtg for OAME to sell. Dennis will be reimbursed for cost of materials
- Sue H. will look into costs of producing coloured t-shirts – MEN (royal blue 51C, charcoal grey 108C) LADIES (light pink 20C, heather chocolate brown174H)
- √Sue H. will produce the "Math Will Rock Your World" t-shirt using red or black ink instead of the pink with the font #5 option and consider producing the t-shirt on black or red fabric rather than white for the annual OAME conference.

Constitution: Bill Otto reported the following highlights:

1. He was thanked by the Committee for keeping the Friday night session with the entire board informative, energized and on task.
2. The committee worked on the Publications Committee suggestions regarding selection procedures for various positions. To add clarity to the process a new section 2f) was inserted. This will be sent back to Publications Committee in June for their consideration. **ACTION: Dave Hessey**
3. The plan for June was developed. Give the board members a fleshed out alternative, and let them tear it to pieces. **ACTIONS: 1. Fred will draft such an alternative, share it with the group for editing purposes ASAP. 2. Time required on Sat am in June**
4. Responses from the Friday Night Board meeting were briefly reviewed and some discussion ensued.

Awards: Fred Ferneyhough reported that the committee selected the 2008 winners from the nominations and worked on writing the information for the awards ceremony. Fred will read the information at the ceremony and Jacqueline will shake hands and present various plaques.
ACTION: Fred to forward blurbs to EDs for Sept Gazette. EDs will collect pictures.

NCTM report

Carol Matsumoto, NCTM ASC rep from Manitoba, after an introduction by John Kersley, reported that she is the face for Canada to NCTM. She reminded OAME of the following:

1) NCTM website:
   a. Canadian resources are available, under lessons and resources
   b. The website lists Canadian affiliates and conferences
   c. Canadians can be on committees. Please submit your name.
   d. There are Canadian articles in the journals.
   e. Submit suggestions for improvement
2) NCTM will consider creating a Canadian Leaders Conference IF we agree to send at least 2 delegates
   a. ACTION: OAME to include in 2008/09 budget
3) OAME should send delegates to Salt Lake City- we need to be represented and have a voice
4) She has been advocating for Canadian editors to Canadian content
5) The next Canadian ASC rep is Marc Garneau from BC.
6) NCTM school memberships (@$135) include 5 individual e-memberships
7) OAME should file an annual report online
   a. ACTION: President

Lunch

General Meeting of Board of Directors

Approval of agenda
moved by Fred Ferneyhough, seconded by Bill Otto that "the agenda be approved". carried

Approval of Minutes
moved by Dan Charbonneau, seconded by Anna Jupp that "the minutes of the Oct 12 &13, 2007 board meeting be approved". carried
ACTION: EDs to post on the website.

Financial Picture Dec 31/07: Dave Hessey presented the financial picture and balance sheet for Dec 31. This included an additional profit sharing of $4816 each from OAME2007, for a total of $31886.23
moved by Lynda Ferneyhough, seconded by Duncan LeBlanc that " the financial picture be approved". carried

NCTM Delegate/alternate for annual Conference: John Kersley sought OAME delegates to attend the regional caucus and delegate assembly on Apr 9 & 10 in Salt Lake City, Utah.
ACTIONS: 1. Glynnis Fleming will consider being the delegate
2. EDS to register delegate(s) prior to Mar 3, 2008

Nominations and Elections: Dan Charbonneau announced the following candidates for positions on the board of directors: Pres-elect: Bev Farahani
VP: Lynda Ferneyhough, Duncan Leblanc, Lynn Strangway. Vote for 1.
JK-6 Director: Jan Crofoot, Merilyn Fox, Leyla Kfoury, Adrian Pope, Lynn Strangway. Vote for up to 4.
7—12 Director: Paul Alves, Charlotte Cutajar, Carol Lemmon, Sue Melville, Bill Otto, Silvana Simone, Dwight Stead Vote for up to 6. The online election will take place on the website from March 1- April 10
ACTION: All vote!

Awards: Fred Ferneyhough announced the following winners for OAME awards:
Life Member: John Rodger
Secondary: Shawn Perry
Elementray: Sandra Jean Price
Leadership: Anne Yeager
Fryer: Middlefield CI, Markham
ACTION: TOP SECRET: Please do not discuss until March 1 so that winners and others can be contacted.

Recognition of departing board members: Jacqueline Hill thanked the following for their support and contributions to OAME: Dan Charbonneau, Fred Ferneyhough, Blanche Thomas, Cathy Kyle, Louis Lim.

Dates for 2008/09: Anna Jupp announced the following dates for the next board year:
EXEC MTGS: MAY 23, 24/08, SEPT 12,13/08, JAN 16,17 /09, APRIL 17,18/09
BOARD MEETINGS: JUNE 6, 7/08, OCTOBER 3, 4/08, FEBRUARY 6,7 /09
LEADERSHIP CONFERENCE 2009: FEBRUARY 19-21/09
OMO 2008- PRMA: MAY 30 & 31 /08
OAME 2009- COMA: MAY 7-9/09
ACTION: All to reserve dates to attend all meetings

Motions:
1. moved by Anna Jupp, seconded by Dan Charbonneau that "the Board of Directors ratify the selection of TEAMS to host OMO2011." Carried
ACTION: EDs to prepare a contract
2. moved by Anne Yeager, seconded by Fred Ferneyhough that "the following be added to the Terms of Reference, Awards

AWARD FOR LEADERSHIP IN MATHEMATICS EDUCATION

This award recognizes an educator who has demonstrated leadership by contributing in a significant way to the development of mathematics teachers and enhancing mathematics education in Ontario." Carried.
3. moved by Anne Yeager, seconded by Fred Ferneyhough that "the following be edited in the Terms of Reference, Awards

> 3. Recipients of ~~both~~ the AWARD FOR EXCEPTIONAL AND CREATIVE TEACHING IN ELEMENTARY MATHEMATICS, ~~and~~ the AWARD FOR EXCEPTIONAL AND CREATIVE TEACHING IN SECONDARY MATHEMATICS, and the AWARD FOR LEADERSHIP IN MATHEMATICS EDUCATION will receive a one year paid membership to OAME." carried.

Questions from Members to Authors of Written Reports: none

Curriculum and GPS Committees

JK-6: Anna D'Armento thanked all the members that emailed their thoughts on using Rekenreks to Anna D'Armento and Anna Dutfield. The members of our committee reviewed the work samples, and started thinking about the actual content for our first insert on Rekenreks.bWe decided that our inserts would be on 11 x 17 paper, folded into an 8.5 x 11 booklet. Our first insert will offer background and strategies for using the Rekenrek in elementary classrooms (and will compliment some of the strategies discussed in the Abacus recently).
We hope that our work can be inserted into the Abacus at least once a year, and can also be added to individual or packs of the Abacus being sold by OAME. Today we focussed on the format and content of this first insert where parts of the four page spread was formatted.

7-9: Connie Quadrini reported :

1. Teams shared paper airplane-themed lessons, Grades 7, 8 and 9 Applied, with one representative per grade level group. Teams reviewed and provided feedback, with a focus on mathematical processes and differentiated instruction.
2. Whole group share involved discussion of overview for continuum package, which will include overall and specific expectations, as well as use of package for a family of schools.
3. Grade-level groups regrouped and reviewed proposed edits. Final copies of lessons are to be sent to Connie by February 15th.
4. Teams decided that pilots for each grade-level lesson will take place prior to June board meeting. Representatives are asked to collect student work samples, video recordings (if possible), and feedback from teachers regarding lessons. These will be shared at the June board meeting.
5. June board meeting will have representatives share pilot experiences and complete final edits for sharing with board members.

10-12: Dan Charbonneau reported that the committee reviewed work submitted for the revisions of GUM to match the new curriculum.

GPS: Duncan Leblanc reported that the committee completed a list of 19 resources which includes a brief summary and where they can be found. The summary will be sent to the executive for approval, at which time we would like to have it posted online. The posting will be for members only, and will include a contact if the user would like more information about the resource before purchasing.

Announcements

OAME 2008: Connie Quadrini reported that much patience has been required in delays with the website. They have sent session approval messages 6 times and still some have not received them. She asked for more volunteers for Sat sessions. The master schedule is complete. There will be a T^3 conference within OAME2008. The program committee will contact speakers regarding their numbers.. The program will be available on pdf form on the website only. Posters for each school are being distributed to put up in staff rooms. Hopefully registration will be online by Feb 1 but is dependent on the credit card issue within MCIS. Social activities include a Meet and Mingle (Wed), Wine& Cheese, Nine & Dine (Thurs), Awards Banquet, Speed Racing (Fri). She demonstrated the brown messenger conference bag. A written report was circulated.
ACTION: EDS to send bag pictures to OAME2009

OMO 2008: Sandra Jean Price reported that letters of intent and $75 per team are due by Mar 7. The event is May 30 & 31 at Trent University in Peterborough. Packages were distributed to chapter reps to pass on to their OMO co-ordinators.

Leadership 2008: Jacqueline Hill reported that all is ready to go for Feb 21-23. 161 delegates are registered.

Reports

Standing Committees: Committee chairs shared the following highlights:
Publications.: The committee is considering bundling the 4 Abacus and selling. They believe that the OMG is a quality publication a great benefit of membership. They are hoping the the website problems will be solved soon. Sue Hessey reported that Tasso Kostalas and Kevin Maguire have agreed to help Greg with the website. The cover of the March OMG will be digital. **ACTION: Submit comments on March cover to EDs**
Futures: The committee has developed working drafts of the OMO binder and Annual Conference binder. These will be sent on to the executive by June. They recommended hiring someone to trouble shoot and repair the website problems. OAME has become dependent on the technology and need it. They suggested a website subcommittee be struck to develop a list of concerns and recommendations to help solve the problems. Greg should not be alone on this endeavor- he needs the backup of OAME.
Promotions: The committee will send the school membership issue back to the executive for further consideration. They are developing a protocol for handling requests for exhibits . To promote continued membership in OAME, the following will be added to the OAME2008 delegate bag: pencil, memopad, coloured brochure on benefits of OAME, $1 off coupon to be used during the conference at the OAME booth.
Constitution: The committee looked at the Friday night feedback to design next steps.
Equity: The committee discussed book # 2: How to differentiate instruction to mixed ability classes. They will submit an annotated bibliography and book reviews to the OMG

Curriculum Committees: Committee chairs shared the following highlights:
JK-6: They discussed activities with Rekenrek and ideas to insert into the bundled Abacus.
7-9: The committee shared lessons, reviewed, and edited around Math in Flight. They will pilot with 2-3 teachers/level. Student samples will be reviwed in June. They may include video. They lessons are in the MATCH template and focus on processes and DI. They will polish the project in June.
10-12: They revised some tasks in GUM 2. Some received a second edit, others a first review.

***GPS*:** They documented 19 resources and will distribute to the exec and board members and then put on the website in members only.

Adjournment: 3:56 pm

Written Reports, Feb 2008

Ministry of Education : Anne Yeager reported from the Oct 19 meeting:

Presenter	Report	Action
Lynn Dunn, e-learning Ontario (ELO)	• e-learning is a management system for students in grades 9 – 12 to get credits • courses are delivered by teachers and in-clue discussions, blogs, chat rooms etc. • many but not all courses are available (handout) • courses are reviewed by subject specialists • school boards offer the courses but if one board doesn't offer a course they can reserve a spot at another board to take it • OERB (Ont Educational Resource Bank) is part of e-learning-by teachers for teachers • Over 9000 learning objects for gr k-12 (e.g., worksheets, games, teaching strategies) • Nothing in OERB is reviewed, anyone can add things • Password required from school • Searchable many ways • Handout of planned online courses provided and planned for	Q: from OAME: Is there any data to indicate the success of students enrolled in these courses, and their success in subsequent courses? A: Data is beginning to be collected Action: continue to ask this question and gather related data Q. Is it possible for OAME to have a password for the site for those not in a school board? A. No the licensing is just that you have to be with a school board.
Karen Gill, CAPB: Manager of Curriculum Review	• In future, CAPB will give 1 full year between the release of the new curriculum document and mandatory implementation. This will give 1 year to train, try and develop resources for the revisions. • Environmental Issues - **Activity:** Each table gave feedback on how environmental issues could be incorporated into their curriculum. With math we talked about using environmental data (data is a part of every course and grade) • New Grade 11 science course is being developed which focuses on environmental issues (probably at the workplace level) • 6 high skills major focused on environment • New teacher resource developed focusing on the environment called "Ready, Set, Green!"	Q: What will be the role of the Curriculum Counsel? A: May look at elementary curriculum; women and gender studies Report AShaping Our Schools, Shaping Our Future" provided to OAME
Julie Williams: CAPB: Manager of Resources	• K-12 Policy on ELL (English Language Learners) completed, on line and delivered to schools. • Cross curriculum literacy continues to be a focus	• ELL resource book provided to OAME
Myrna Ingalls CAPB:	• GAINS: Growing Accessible Interactive Network Support, purpose is to identify, record and share	• Handout of acronyms "at a

Mathematics Resources	*promising practices* • Eg: demonstration classrooms, vides, adobe connect conferences	glace"
Janice Crawford: CAPB: Resources review	• Update text review process to check for consistency with revised curriculum • Meet with publishers regularly	•
Joni …. CAPB: Assessment and Reporting	• Jan. 8/9, 08: Symposium on Assessment for 650 people from around the province. • Looking for consistent and promising practices • 19 different alternate report cards are being piloted Nov –Jan. for elementary. If changed, implemented Sept 08. • Continuing with Boys and Literacy Project • French renewal project • PISA: results Dec. 4 for 15 year olds • PEARL- Gr 4 literacy results in Nov. • Lyle Pearson reported that an ELL symposium is coming up	• Call Paul Walsh to inquire if we (OAME) can be invited to attend A&E Symposium. Done- answer was "the 6 people from each Board are selected by the Boards and ½ should be classroom teachers, thus subject associations may be represented in this way.
Paul Anthony: M of Ed,	• Paul to go into the Faculties and provide a New Teacher Induction Program. The focus is on the Professional Learning of Classroom teachers. • To qualify for PD funding: come up with a plan set up by the teacher(s). Get approval by Board, then the affiliate Federation committee selects, then the M of Ed provides $1000-$10000. Training, activity, sharing, budget includes travel (Mar 27). Application must be in by Nov. 30	•
CAPB	• Social Science and Humanities curriculum review beginning now	•

Next meeting is in May. Send information and questions to Karen Gill

OTF : Anne Yeager reported from the Oct 20 meeting:

Presenter	Report	Action
President OTF (Marilies Rettig ?)	Each Subject Association provided an update of what they were doing. Generally each association was having a conference.	My report included (provided in print)
ETFO	The ETFO website will allow any association to place a link to their site. Presenters Pallet- a conference to help people who want to be effective presenters.	Q: Do we want to be able to have people link to OAME from the ETFO site?
OTF	Developed a bullying kit – video/ discussion. Part of the Bullying Prevention Project safe@school. The CD Rom is also available on the website.	Kit provided to OAME

Carolyn McLennon from TRO-TVOntario	Eworkshop.on.ca for k-6 This is a serives of videos to help teachers help students in literacy and numeracy. Ministry content – connected to the Lrearning Foundations. "tell me, show me, Let me try" . Has classroom videos. Also good for gr 7 – 10 at risk	Q: do we want to show this at a meeting?
Joe Jamieson: College of Teachers, Co ordinator of Professional Affairs	Notes provided in a handout (included). A number of courses need to be developed, and then taught. Mathematics. Grades 7 and 8 is one of these.	Subj.Associations can be provided of these accredited courses. Also they can develop these courses. Q: are we interested?
OTF	PD Project: "Teaching Matters, PD that Works". This research based book has also been made into a CD. – called "No two alike". Suggest the best PD involved interaction, follow up and classroom practice. New teachers prefer their PD to be 1. mentor, 2. on line sharing , Last choice is "1 size fits all" – sit a listen format.	

OMCA: Trish Steele/Jacqueline Hill reported highlights from the Dec 7 meeting:

a) President's Report – Joyce Tonner

i) Monkey survey was sent to the membership. This was done so that this group could be an advocate for the province. We could advocate using data.

ii) OSSTF survey was sent to us. It was based on a report from the Harris government. It was looking to see if the implementation had been accomplished

b) Committee Updates

1) Meeting Communications –OSAPAC server will be available through the Ministry in January 2008 for Adobe Connect.

2) Written Communications- Scott showed the group the four mock ups. We will be looking for pictures with group work happening. Maybe have a set of posters for parents versus for schools versus for math consultants

Reports/Updates

1) Min of Ed**:** Myrna Ingalls a) CLIPS work continues. TIPS work is being done on the MHF advanced functions course. Work will be done on the combining functions section that is in the last unit. There is a bank of summative tasks that is being worked on for the combining functions unit. We will be reviewing the unit outline that was developed last summer. There might be some expectations that have not been properly met. Lessons will be released one at a time on the OAME and OMCA websites. There will be a series of supports through adobe connect next semester.A CD will be produced and will be shared through OMCA. As well on the GAINS website these materials will be available.
   b) GAINS – a conference planning meeting was held yesterday. We will be sharing promising records of practice. There will be a GAINS website coming together shortly. There will be video available. Mariot Eaton Centre Feb 12 and 13. Joint Literacy and Math Conference. The boards will bring 6 people. They should contain Math Lead, Literacy Lead, IT lead, Curriculum superintendent, Secondary Principal.
2) NCSM – Peter Saaramaki.

NCSM 2008, precedes NCTM, and will be held Mon Apr 7 to Wed Apr 9, 2008 in Salt Lake City, Utah, USA (see http://www.ncsmonline.org/) It is designed for leaders in math education. Sponsorships from publishers will provide many freebees.

CMESG Canadian math group. A conference runs at the end of May 23-27. This year it is in Sherbrook Quebec. The Saturday, Sunday and Monday mornings you spend in a work group for three half days. You study something in these groups. The value of the conference is that it is really small and meals and socials are all together with the 150 delegates. There are also ad hoc sessions, keynote speakers, and plenary sessions.

ICME 11 (the eleventh International Congress on Mathematical Education) will be held in Monterrey Mexico July 6 - 13, 2008 (see http://icme11.org/) This one is only held every 4 years. Groups will go off on excursions.

3) Round Table Sharing
Mike Davis – Ruth Dawson from ETFO mentioned a two days institute on presentation skills
Liz Fothergill – a math newsletter that helps fill in the gaps for what is being asked of the teachers (ie like teach through problem solving) and their reality (the kids are digging in their heels because they don't have the skills to learn through problem solving).

Focus Sessions

Elementary (K – 6) :

1)New Support Documents K-3-

-Thames Valley- offering after school workshops to get teachers into these Guides- will post any workshop items on the OMCA website
-Halton still just receiving their Guides- many new schools in Halton and are not receiving these
-going to schools directly and not to Consultants/learning coordinators- this is a problem
-Niagara- only 3 delivered to the Central office
-Waterloo Catholic- Action Committee- OECTA- offering grant- 'narrowing the achievement gap'- applied for 3 days release time- will be sharing results from this-
-hopes to do this with the other 2 documents-
-Niagara- did an Executive summary of each document-will share this with us
-Boards having difficulty getting the pedagogy Guide-having to resort to photocopying but don't get the colour in the guides and the colour is very important to understanding the content
-Dufferin-Peel Catholic has listed all of the documents with ISBN that every division should have- would you be able to share this on the OMCA website
-new ESL/ELL document out- what math assessment is being used in Boards? The new policy requires a mathematics assessment
-what is the purpose of this assessment?- get a general idea if they get the sense of the grade level material- does the student not understand the concept or have they never been taught the concept in their country
-Elizabeth Coelho at OISE may be someone who can assist us with this
-can we put together a list of questions for teachers that they may begin with when trying to determine the students mathematics understanding?
-Peel has a sample interview for mathematics to work with students-can bring it to the next meeting to share
-would like to see a follow up piece as well- example- here are the strategies to help support the teachers
-will continue this conversation next meeting after we see Peels document- have a group look at this-(Stefanie De Angelis , Glynnis Flemming)

2)Weighting of Marks-

-Ministry Guidelines-most recent most consistent - teachers need to follow these guidelines

3)Newsletters-

-brainstorm topics and begin posting to these topics on our conference- then people can pull what they need for their newsletters
-when posting them have them ready so they can be used
-Mike will create a new folder- look inside the OMCA Resources folder first then look inside this folder for ours
-Topics- Assessment and Evaluation, Differentiated Instruction and Combined Grades, Reflective Practice, will be imbedded in each topic if possible would be great
-use some icons as well- e.g. a thought bubble for teacher reflection
-you can use and massage these articles to meet the needs of your boards
- topics can include: teaching through problem solving, communication, mathematical processes, planning for learning, miscellaneous, questioning , intervention, reflective practice, co-teaching, homework, educating parents, high yield strategies, classroom tips, maximizing instructional time, using resources, technology

Intermediate/Secondary (7 – 12):

1) Achievement Chart Weightings. Different boards have different weightings. So.. the question is how do you get the teachers to evaluate "thinking". Selecting and sequencing of different tools and processes help with the Thinking questions. Performance tasks seem to be a really good way to get. In some boards teachers are making the tasks. These are usually done with different possible solutions to be found and different tools. Another board is working with their students to work towards a holistic system of marking for the four stages of problem solving.

Another board is looking at working with Polyha's model. The make the plan, carry out the plan, look at the answers that you got from the plan. Can an overlaying be done on a test, that is a rubric? What about those teachers that give a separate day or time for the thinking questions? Another Board is looking at their grade 7 and 8 teachers and the use of observation to evaluate. The Niagara board put together some tasks that get at "thinking". They have an elementary and a secondary booklet. The tasks can be from one period of time (say a class), to an open timeframe. Another board is piloting observation rubrics with their pairs of students. Another board does it as well with an holistic approach. Another board is working with Damian Coopers work with frameworks. The discussion is also centering around averages. Modal averages, medians and consistency. Nancy Snyder has some rubrics that she is willing to share. Jay said the older linking assessment document from OAME has some. The Talk about Assessment book from Damian Cooper has some. The OMCA site has some as well. Re-thinking Classroom assessment by Lorna Earl.
2) Grade 7 and 8 weightings. The code document says the most consistent, most recent. One board says the grade 8's sometimes model the grade 9 piece. Another Board has an Assessment and Evaluation team that has 7 modules that help schools go through most consistent etc. This is a mandatory inservice. The person working on this is wcdsb.ca Mary Bender. Another board tells their elementary folks to work on strands versus weightings of the categories. Another board looks at the backward planning model. They start with the assessment and work their way back to the lessons.

3) Textbook funding information from Grand Erie. How are other boards getting money to buy texts? One board talked about the letter writing campaigns that took place. Some boards have used Student Success Funds to get texts for their applied and LDCC classes. Another board talked about the parental perception of what the school is giving their students. Some parents feel that they are too cheap to get texts. Another board talked about the trustees working on distributing the money more fairly to get the texts needed. Another Board buys board wide. They recently did a k-8 purchase. The process to figure out which book is best is sometimes the problem. This board is looking at a pilot for the secondary schools and piloting two books for each course. Another board had some great timing. When the grade 12 curriculum came out, they decided to buy for the applied. They started with 11 College (and bought board wide), and then 9 applied was bought for. Another Board is photocopying the 1P TIPS materials for the entire board. Another Board is saying to parents "If they complain, maybe things will happen".
- Another consultant wonders if perhaps a discussion with the Ministry needs to take place, around the funding plan of textbooks. It needs to be a long range plan. It has to be connected to the cyclic nature of curriculum review.
- Another question arose about the TIPS workbooks. They are not on the Trillium list. So why can't I just use a different text book that is off the Trillium list? Perhaps we could invite someone from Trillium to help with these issues. Action Item: Joyce to investigate.
- Another point was made. Jay had administrators in with their math teachers. Then in the afternoon the principals went away and the teachers worked in grade and course specific groups. They found that teachers are using parts and pieces of different books. They may even be reluctant to go to a text later. Should we have a committee that looks at these issues?
4) Other MDM students are doing much worse then they did before. 1P, to 2P to 3m to MDM 4U. The weaker kids are going to MDM. Is this a concern in other boards? Around the table half of them found this.
5) Inspire Training for the Group. Sometime in January Dwight will in-service those that are interested

OAME2008: Connie Quadrini reported that promotional flyers and notepads were distributed at the October OMCA and OAME meetings. These, as well as promotional pencils, were distributed at the December 1st PA Days for YCDSB, YRDSB and TDSB. Promotional flyers (11x17) were distributed in the December Gazette.
The OAME2008 IATS application for online registrations was approved in November.
Free the Children contacted our committee to advise that Craig Keilburger was no longer able to present at our conference. Marc Keilburger will be the sole presenter on Friday May 9th during the common lunch keynote.
Social events have been organized for the conference, which include a *Meet & Mingle* on Wednesday May 7th at the Sheraton Parkway; *Cocktails & Conversation*, wine and cheese, at Marlowe Restaurant and Bar, and *Nine & Dine,* 9 holes of golf and buffet dinner, at the Maples of Ballantrae on Thursday May 8th; *OAME Awards Banquet* at Premier Ballroom, and *Nascar SpeedPark and Vaughan Mills Mall* trip on Friday May 9th.

A small group of YCDSB teachers representing primary, junior, intermediate and senior divisions have met three times to create lessons (one per division) that have a social justice focus. Each division has prepared their lesson using the *MATCH* template. Divisions have chosen to focus the lesson on overall expectations from the data management strand. Catholic School Graduate expectations have also been referenced. Teachers will present these lessons to their students in the new year. Student exemplars will be shared at the conference; the lessons will be made available to delegates who attend the conference.
Online exhibitor registration, including Sheraton exhibitor table layout and sponsorship opportunities, was set up and prepared to go live at the end of November. Unfortunately, the OAME server, including MCIS went down and as a result has delayed our online exhibitor registration. Our live date is still TBD.
Online session proposals were closed at the end of October. The Speakers & Program committee has approved sessions, and the Facilities committee has worked collaboratively with them to schedule sessions. The T^3 Conference will be scheduled in two designated rooms. Sessions include TI-Navigator, N-Spire and TI-83+ / TI-84 graphing calculators. The Program committee awaits MCIS functionality (ie. access to email addresses) in order to contact workshop presenters and advise them of their scheduled presentation date.
The Speakers & Program Committee continue to work prepare the program booklet. The schedule for the conference is listed below. Based on the October OAME conference co-chairs meeting, our committee has decided that it will not create a hard copy of the program booklet. The program will be made available online. Promotional posters have been prepared and will be sent to boards for distribution to schools in January.
The committee has decided on a messenger bag for conference delegates. They have narrowed their choices down to two (both brown in colour). A final decision will be made by the end of January; an order will be placed at that time.
The Registration committee has set up the layout for the delegate name badge / conference workshops / events cards. The committee has begun set up of the MCIS conference session timeslots in preparation for registration.

Thursday & Friday:

Time	Event
8:30 – 9:45	Session #1
9:45 – 10:00	Exhibitor Displays
10:00 – 11:15	Session #2
11:15 – 11:45	Exhibitor Displays
11:45 – 1:45	Common Lunch & Keynote Address
1:45 – 3:00	Session #3
3:00 – 3:15	Exhibitor Displays
3:15 – 4:30	Session #4
4:30 – 5:00	Exhibitor Displays

Saturday:

Time	Event
8:30 – 9:45	Session #1
9:45 – 10:00	Travel Time
10:00 – 11:15	Session #2
11:15 – 11:30	Travel Time
11:45 – 1:00	Session #3

OAME 2009: Cathy Hall reported that planning and organization are well on their way for OAME 2009 which is being held in Ottawa. The tentative date for the conference is May 7-9, 2009. The conference co-chairs are Paul Gautreau and Cathy Hall. Sub-committees have been meeting on a regular basis for the past few months, attacking the tasks on their timelines. The organizing committee is an enthusiastic and hardworking group of individuals, many of whom were members of the planning team for the last OAME conference in Ottawa in 2000. The theme of the conference is "Balance: Finding the Right MMIX". We feel that this theme will allow leeway for a rich and

diverse group of keynote speakers and workshop offerings. The conference logo has been designed in concert with a graphic design firm. This logo will be displayed on all promotional flyers and goods at the OAME 2009 booth at this year's conference. Look for the organizing committee in their "OAME 2009" shirts if you want more information about next year's event!

NCTM: John Kerseley reported:

1. What's New from NCTM?

• **Position Statement on Mentoring New Teachers (adopted September 2007)**

According to NCTM, the latest statistics indicate that about 30% of new teachers in Canada and United States leave the profession in their first three years. As a result there is an overall shortage of quality mathematics teachers (admittedly, more acute in the US than in Canada) especially at the middle and high school levels. NCTM position statement: " States, provinces, school districts, share responsibility for the continuing support of beginning teachers by providing them with a structured program of induction and mentoring. These programs should include opportunities for further development of mathematics content, pedagogy and classroom management strategies".

NCTM offers the following publications:

Empowering the Beginning Teacher of Mathematics Elementary School

Empowering the Beginning Teacher of Mathematics Middle School

Empowering the Beginning Teacher of Mathematics High School

site: www. nctm.org and use search option "position statements"

• **Online Tool Examines Large Scale Assessments**

It can be accessed (free of charge) at www.nctm.org/resources/assessment . Its purpose is to examine the quality of a testing system. The site asks a series of questions about the assessment's quality, alignment with NCTM's standards, fairness, evaluation, and uses. A report is generated according to the responses.

• **New Benefits for K -grade 8 School Memberships**

Teachers in grades K-8 now have a greater opportunity to stay connected to national efforts in mathematics education with the enhanced benefits to NCTM gradeK- 8 School Memberships. For a yearly membership fee of $135, a grade K - 8 school membership includes numerous benefits. For a grade K-8 school membership, the school will receive 5 individual memberships. Plus, at a cost of only $10 each, the school can purchase additional individual e-memberships for its teachers.

site: www. nctm.org and use search option "K-8 school memberships"

• **Equity Resources**

NCTM Web site now has a collection of NCTM-produced equity resources as well as intervention resources Included in the collections are journal articles, books, and other NCTM resources. The Relation between Reform Teaching and Equity in Mathematics Education is the first of a new online feature. The research summaries will highlight an article from each issue of NCTM's *Journal for Research in Mathematics Education* (JRME). The research summaries are written for a general audience.

site: www. nctm.org and use search option "equity resources"

2. Highlighted Books

• **100 Favorite Calendar Problem Poster**

A colourful poster of the 100 most popular math problems from the Mathematics Teacher calendar. The poster is for classroom use and the answers are on the back.

• **Cartoon Corner**

This is a collection of cartoons organized by topic. It includes suggestions on how to integrate the cartoons into the classroom by teachers who have used them.

• **Teachers' Engaged in Research (4 volume series)**

The goal of this series is to use teachers' accounts of classroom inquiry to shed light on the processes of doing research in classrooms. Teaching is a complex, multi-faceted task, and this complexity often is not captured in research articles.

Each book covers one grade band of PreK-2, 3-5, 6-8, or 9-12.

3. NCTM Conference

Annual meeting **Salt Lake City** "Becoming Certain about Uncertainty" emphasizing data analysis and probability

April 9 - 12, 2008

Preregistration Deadline: February 29 Save 15 – 30 per cent on registration fees

Preview brochure and hotel information: www.nctm.org/annual

Fields Institute: Walter Whiteley reported that meetings are on monthly, on Saturdays: 10-2, with a (FREE) lunch. For more information, see: http://www.fields.utoronto.ca/programs/mathed/. The Fields Institute Mathematics Education Forum met on January 19, 2008. The main agenda was a series of presentations on ongoing work by researchers in Ontario, with connections to Mathematics Education. Several were on early childhood development of number sense, looking at issues which included the impact of the way the care-giver talked about numbers, how children's number sense develops with comparison to other animals (e.g. Macaque Monkeys) ... . The program and documents from the presentations are available at:
http://www.fields.utoronto.ca/programs/mathed/meetings/minutes/07-08/08,01,19.html
Upcoming meetings are:
23 February: MULTICULTURALISM AND MULTILINGUALISM IN CLASSROOM
teleconference with south africa plus local person on multilingual classroom
29 March: TECHNOLOGY IN TEACHING (SMARTBOARDS, CLICKERS):
smartboards plus clickers, Robin Kay - critique if online learning, teachers' perspective on technology, afternoon: Jean-Marie de Konnick will talk about
his tv show (promotion of math)
26 April: ASPECTS OF ELEMENTARY AND SECONDARY TEACHER EDUCATION: grad students' perspective, Jerome Pruloux from Ottawa, Pat Rogers, calc and vectors teachers
31 May: RECRUITMENT AND RETENTION, OUTREACH [tentative]: might have students guests with their project/poster presentations

Executive Directors Report: Dave and Sue Hessey reported that membership on Feb 1, 2008 was 1340 Memberships are down. Most renew online, but the credit card process faltered in Dec and we have missed out on about 35 new memberships. Anyone who has inquired about the error message has been sent the membership form by email and asked to mail or fax it in. Few have done so.
Chapters: Complete annual reports have been received from all chapters. Some needed financial statement revisions, some needed to update exec memberships. All are now complete and approved by the finance committee. All chapters will receive their chapter rebate through their rep on Feb 8. The 2007 Summary of Chapter rebates and activities was circulated.
Publications/Promotional Materials. Secondary sticky graphs and Elementary sticky charts are popular. Chapters were provided a number of free resources for Fall and Spring conference door prizes. We really have no resources to sell. Kathy Kubota-Zarivnij suggests the 4 Abacus from Volume 46 together with a two colour bead string be bundled together for sale next year. We are investigating costs.
Website: Greg was forced to migrate to the new server on Dec 4. Unfortunately many settings were changed and he has to painstakingly check many areas to correct errors. The credit card part and areas within MCIS (like interactive maps) are not currently working, creating many headaches for us and for OAME2008. In mid-January we were changed to another new server to better suit our needs. We have hired Tasso Kostalas to assist Greg to get the credit card area functioning again and to investigate a new server company. Kevin Maguire has agreed to become Greg's apprentice to help with routine maintenance.
OAME 2007: An additional profit of $4816 was received in late November after the TI payment was received.
OAME 2009: We have requested that the chairs change the proposed date so that it is NOT on a holiday weekend. The tentative date is May 7-9, 2009 and venues are being investigated.
OAME2010: GOLDEN will host in 2010. Contracts have been signed.
OAME2011: David Petro is trying to create interest for SWOAME to host 2011 but has been unable to get a definite answer from the SWOAME executive. We suggest Futures seek other interested chapters.
OMO2008: A $5000 corporate sponsorship for OMO2008 from Spectra Energy/Union Gas was received and forwarded to the committee. An evaluation form will be required as followup to Union Gas and has been forwarded to the chairs.
OMO 2011: TEAMS has applied. Following approval by the Board of Directors, a contract will be forwarded.
Grade 12 Project: Sue continues to manage the finances and contracts for Part B. Revised and new sections will be added for Semester 2. Fortunately this part is working on our website. Greg has posted all the additional supports developed over the Fall, for Semester 2 start-up.

Electronic Elections: The 2008 election is setup on the website and ready to go for the election, March 1-April 10.
Awards/ Nominations: An new interactive pdf form was created for both awards and board nominations and circulated to board members and posted in the December Gazette and on the website. Letters were mailed regarding previous award nominations and followed up by email.
Leadership 2008: We have 160 delegates, 115 in the elementary workshop and 45 in the secondary. Exhibitor space is full. Donations for delegate bags will be received from Spectrum, Exclusive, Scholars Choice, Pearson and Nelson. Draw prizes will come from Wintergreen and TI.
Charitable Donation: Western Resources (in Vancouver) has donated $250 to OAME for our help in finding 82 used texts for them to buy for a client.
Gazette/Abacus: Linda Obermeyer from Halton CDSB has purchased 200 copies of each Abacus issue from Vol. 46. Stewart Craven will attend the Feb. board meeting to job shadow. The October board survey has been forwarded to the Publications Committee.

CHAPTER REPORTS, Feb 2008

CHAMP- Rep: Lynda Ferneyhough: lynda.ferneyhough@peelsb.com. CHAMP had a very successful mini-conference in Oct. Plans are already underway for next year's fall conference. We also ran a challenging contest. We had more schools participating this year. Thanks to Sonia Dwarka for her incredible dedication in organizing and marking the contests. Our award ceremony will be in May. We continue to hold our meetings at the Dufferin-Peel Catholic School Board offices on the first Thurs. of the month. We would welcome anyone interested in becoming a part of the executive. Contact Lynda at FMSS 905-495-2675 for more information.

COMA - Rep: Pat Kehoe: patricia.kehoe@ottawacatholicschools.ca. Our annual Mini-Conference was held on Saturday, November 17, at the University of Ottawa. The conference was re-named this year as the Ronald C. Bender Memorial -Conference in honor of our former COMA president who died this past year. Plans are under way at the University of Ottawa to sponsor a scholarship in Ron's memory. The conference was very successful with over 100 teachers attending. Sixteen workshops were offered from Primary to Secondary divisions. Upcoming events include our local math Olympics to be held April 12 and elementary and secondary forums to be held in May. Our OAME 2009 chairpersons, Paul Gautreau and Cathy Hall, continue to work tirelessly on plans for next year's provincial conference. Any COMA members who would like to join the organizing committee are encouraged to contact either of the Chairpersons.**GOLDEN** - Rep:Laura Tonin: lmtonin@yahoo.ca We are currently planning our mini-conference for this April at Brock University. In addition, we are starting to organize the annual conference for 2010. Our planning committee is selected and we are starting to discuss presenters and hospitality ideas.

GVMA - Rep: Rob Gleeson: rob_gleeson@bwdsb.on.ca NO REPORT

ISOMA - Rep: Diane Lang: dilang@uts.utoronto.ca. Our chapter hosted its Fall Conference, "Celebrating Sharing" on Nov. 22, 2007. Despite blizzard-like snow conditions, over seventy teachers participated. We had wonderful sessions ranging from Math and Music to Gambling to Sharing Ideas about the New Grade 12 Courses. Conference participants provided some excellent suggestions for future activities and directions. As a result, ISOMA chapter is hosting a Spring Speaker: Evening with Dr. John Mighton, April 29th at St. Clements School. This event promises to be informative and energizing, and will bring some new ideas to the elementary and middle school teachers in our midst. Crescent School is hosting the ISOMA chapter's Jr. Math Olympics in mid-April, and many schools are contributing activities and questions for this event. Two other goals for our chapter this year are to establish better communication links between our members (so that the good connections made during our conferences can grow into stronger relationships) and to encourage new members to join the Executive.

MAC2 - Rep: Danielle Blair: dblair@scdsb.on.ca. MAC2 will again this year be sponsoring one member to attend the Annual Leadership Conference in February and six members to attend the Annual OAME Conference in the spring. Registration will be covered for each of the six members attending the spring conference and registration

as well as mileage for the leadership conference. In regards to OMO, $1500 dollars has been set aside, $500 per team for registration, to support teams moving on to compete at the Ontario Math Olympics. It is hoped that a team from each of the three boards within our area will be represented at the Olympics. MAC2is currently establishing a Financial Mathematics Award for qualifying graduating students from the Simcoe County, Simcoe Maskoka Catholic, and Trillium Lakeland Boards. The award, which will look beyond achievement to include attitude, excitement for subject and leadership, is planned to be available starting next year and will be a yearly award offered on behalf of MAC2 to support deserving students. A Junior Math Challenge is being held within the Simcoe County School Board this winter and MAC2 is supporting the event by offering man power, as well as the cost for medals, engraving, and participation ribbons. Finally, MAC2 is working on plans to host a spring mini-conference in Barrie for its members, as well as a "Roadshow" parent presentation that will be made available to parent groups/parent councils of the three boards covered by our chapter. A subcommittee is currently working on clarifying the MAC2 mission statement in order to infuse our vision into the presentations.

NOMA - Rep: Sue Melville: melvils@rainbowschools.ca . NO REPORT

NWOAME- Rep: Tom Boland: taboland@shaw.ca NWOAME is busy putting the finishing touches on our "FOCUS ON MATH, SUCCESS IN OUR CLASSROOM" conference, which runs from February 29 through March 1, 2008. We are very pleased with the speakers and workshops that we have lined up and are anticipating a very successful conference. Our Math Olympics team is also busy planning our regional event and plan to once again bring our winners to the Provincial OMO. We are pleased to have some new members coming out to our regular meetings and anticipate new and renewed interest in the organization as a result of the upcoming conference.

PRMA- Rep: Sandra Jean Price: price_sandra@durham.edu.on.ca The Pine Ridge Math Association is currently planning for our local Math Olympics.This year, we are holding two events, one in Peterborough on April 23rd and one in Durham on May 6th, in an effort to get even more students involved in the event. We are also very proud to be hosting OMO 2008 on May 30th and 31st. Facilities at Trent University in Peterborough have been booked, and the committee chairs have been established. Jacqueline Hill, Fred Pulfer, Ruth Cornale, Kevina Morrison, Manuel Salvati, Charles Wyszkowski, Bernie Beales and many others are busy planning the events for students and coaches. We are looking forward to this exciting weekend.

QSLMA -Rep: Robert Sherk: sherkr@limestone.on.ca This past term, the QSLMA group has hosted a fall mini conference and continued to promote OAME activities through our email list serve. Our conference was a success with approximately 70 people attending. On Saturday morning, Nov. 10th, at Queen's University, we had a program with 10 workshops, keynote speakers Rod and Anne Yeager and an luncheon as well. Thanks to the Queen's MSTE group for co-sponsoring the event. Our next project is to run a local OMO on April 18th. with Jill Lazurus leading the organizing team.

SAME- Rep: Debbie Drape: debbie.drape@tel.tdsb.on.ca . SAME has been busily planning for their mini-conference held on February 7th. We were able to have a high school as our venue which we were pleased with as last year we had to make a switch to a middle school and there were problems, specifically with parking. The theme was "For the Love of Math" with a focus of engaging students in learning and enjoying mathematics/numeracy/arithmetic. Many publishers participated and a wide variety of speakers presented covering all divisions. Ron Lancaster delivered the keynote address. Several executive and volunteers wore black t-shirts with 'SAME TEAM' on them for easy identification. All other volunteers wore black and sported a button to signify that they were someone who could assist participants, publishers and/or presenters. The Chapter is well on its way planning for their local OMO, as well. It is to be held at Henry Kelsey SPS on Saturday, April 19th. Writing the questions is underway, well before the event, and we are seeking collaboration with another GTA Chapter to share the writing/creation of questions. Two goals that we had for this year were to increase membership and to try to get

more members on the executive. We have a number of very enthusiastic math-oriented educators who have joined our executive team and their assistance and input during the preparation of our mini-conference was greatly appreciated. As for general membership, we have encouraged participants at our conference to become members and have provided the membership registration form with our conference information. We will continue to promote membership at all our events.

SWOAME- Rep: Joe Goulet: joe_goulet@wecdsb.on.ca. NO REPORT

TEAMS- Rep: Laurissa Werhun: laurissa.werhun@tel.tdsb.on.ca. TEAMS will be holding the annual TEAMS Olympiad for students from Grades 7 and 8 on Saturday April 12, 2008. Students will be involved in individual, pairs and small group mathematics challenges. If you have students who would be interested please register them by Wednesday March 19, 2008. TDSB: Anthony Meli (anthony.meli@tdsb.on.ca), TCDSB: Michele Goveia (michele.goveia@tcdsb.org).Discussions for the location of OMO 2011 have already begun. That's planning ahead! TI - Nspire Tour Conference will be held February 23 at Eastern Commerce CI, Toronto. This is a great opportunity to learn the basics of the new graphing calculator, the TI-Nspire, and investigate numerous ways of incorporating them in the classroom. This workshop is for secondary teachers. To download the conference brochure and registration form, get more information regarding the conference, e-mail wayne.erdman@tel.tdsb.on.ca Exploring mathematics with the TI - NSpire Conference is April 18-19 at Eastern Commerce CI. The constitution is close to being finalized. The TEAMS executive continues to provide a web newsletter that is sent to all current TEAMS members with information about upcoming events as well as some recommended resources such as web links.

WOMA - Rep: Ann Michele Stenning: a.stenning@tvdsb.on.ca . WOMA's fall mini-conference entitled "Smarten Up" was attended by over a hundred educators. As in the past, publishers were in attendance to display their products while participants enjoyed complimentary snacks and drinks. Conference attendees learned of ways to implement Smart Boards in their classrooms. A $10 fee was charged and supper was included. The next mini-conference to be held in the spring will follow the same format.

Y4MA - Rep: Ada Cartaginese: ada.cartaginese@ycdsb.ca. Y4MA has been busy planning the annual OAME conference, "***The Path is Made by Walking***" which will take place on **May 8-10, 2008** at the **Sheraton Parkway Toronto North in Richmond Hill**. This year, included in the conference registration fee, delegates will enjoy a buffet lunch in the Grand York Ballroom on Thursday and Friday. Following the lunch they will be inspired by our two keynote speakers. On Thursday, **Dr. Marian Small**, former Dean of Education at the University of New Brunswick, will discuss **"**Moving from Theory to Practice: How Differentiating Instruction Can Really Happen!", and on Friday, **Marc Kielburger**, an accomplished social advocate, will present his keynote address, "Me to We: Educating Creative, Compassionate, and Committed Young Leaders".The theme of the conference entitled, *'The Path is Made by Walking'* honours the many and various paths we take on our different journeys in mathematics education. Delegates will have the opportunity to explore various paths including differentiated instruction, assessment, mathematical processes, learning tools, curriculum connections, social justice, research, and professional development models. It is our hope that the workshops presented at the conference will support delegates as they move forward in their different journeys in mathematics education.We have an exciting social calendar planned for the conference. For those who arrive on Wednesday May 7th, a *Meet and Mingle* has been planned for this evening at the Sheraton Parkway Hotel. On Thursday May 8th, delegates will have the option of attending the *Cocktails and Conversation* at Marlowe Restaurant and Bar just minutes away from the hotel, or *Nine and Dine* at the Maples of Ballantrae Golf Club, a golf experience in the "country close to the city". On Friday May 9th, delegates will be invited to attend the OAME Awards Ceremony and Banquet will be held at the Premier Ballroom just steps from the hotel, or enjoy an evening of shopping or go-karting at Vaughan Mills Mall. Online registration for the conference will open in February. This year, the conference program will be made available only online. Visit www.oame2008.ca for further details. We look forward to seeing you there!