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

MINUTES OF O.A.M.E. BOARD OF DIRECTORS MEETING
June 11 & 12, 2010 Holiday Inn, Toronto Int'l Airport

PRESENT:
Executive: Beverly Farahani (Past President), David Zimmer (President), Connie Quadrini(President-Elect) , Anne Yeager, Bill Otto, Sonia Ellison(Vice Presidents)
Chapter Representatives: Shaun Knowles(CHAMP), Beata Myhill (COMA), Santina Fantetti (TEAMS), Alison Macaulay (PRMA), Henry Santos (QSLMA), Debbie Drape (SAME), Cheryl Geoghegan (NOMA), Nicholas Chevalier(SWOAME), Laura Tonin (GOLDEN), Paul Szczokin (MAC2), Tom Boland (NWOAME), Jen Gravel (ISOMA)
Elected Directors Dwight Stead, Merilyn Fox, Cathy Hall, Paul Alves, Jan Crofoot, Kyla Kadlec, Patricia Kehoe, Sandra Price, Susan Pitre, Jung Choi-Perkins, Sue Melville, Silvana Simone, Mary Bourassa, Ken Maheu, Robert Sherk
Others: Sue and Dave Hessey (Exec. Directors), Greg Clarke (Webmaster), Laurie Moher (NCTM rep), Fred and Lynda Ferneyhough (new Exec. Directors), Marian Small (new Gazette Editor)
Guests: Fri:Myrna Ingalls , Stewart Craven (Gazette Editor)
Regrets Marilyn Hurrell, Urvi Shah (Directors), Barry Ferguson (GVMA), Ada Cartaginese (Y4MA), Kathy Kubota-Zarivnij , Mary Lou Kestell (Abacus co-editors), Ann Michele Stenning (WOMA)
Friday night: Debbie Drape (SAME)
Saturday: Laura Tonin, Paul Alves
Sat afternoon: Mary Bourassa, Laurie Moher

FRI Jun 11, 2010
Small Group Meetings

5:15-7:15 pm: The Executive and committee chairs met prior to the board meeting over a light supper and discussed:

- New Committee structure
- Sat afternoon "Committee of the Whole"
- Question Stems
- White binders and budget sheets
- Agenda items for each committee
- General planning and vision

Chapter Reps

1. Welcome : Greg welcomed new and returning chapter reps
2. OAME News and Information from Executive Directors : Sue Hessey reported that

a) New OAME products are now available for sale on the website. She showed the Abacus 47 volume and the Sierpinski Triangle T-shirts.

b) Updated chapter lists following OAME2010 are available from the EDs in Excel- just ask. Lists of lapsed members from Feb and May were provided to each chapter rep. Follow-up is up to each rep. **ACTION: All**

c) "Role of the Chapter rep" was circulated. New reps are encouraged to read it and ask questions.

e) the request for promotion cases for Fall was circulated. **ACTION: new EDs**

3) OMO feedback –
- local competition – number of teams locally was down – wondering if that trend was similar around the province? Wondering if it was related to number of math specialists in elementary schools is down?
- practice materials were well done and appreciated
- kids raved about it
- how do teams get subsidized ? Range from $100 / team, $200 / team, full shot (all reg'n fees plus supply teacher), some $ from school boards, some did ask parents to help defray costs (but no child would be denied due to lack of $ from parents)
- when do you have playdowns? Many have them on Saturday, but some have them on a school day
- really positive feedback – really loved it

4) OAME2011 promotion: Nicholas Chevalier
- Site: University of Windsor
- Worried about distance issues with Windsor – would like chapters to promote a great conference
- A promotional kit is being sent home with each chapter rep with lots of goodies – posters, postcards, calculator paperclips, memory sticks, chocolate calculators. Please distribute postcards locally either end of June or beginning of September.
- Question from planning committee: What would you think about pickup locations enroute (along the 401) with a Greyhound bus ? Would help with defraying travel costs, make it easier for people who want to go, but don't look forward to that long a drive? Perhaps via rail ?

5) Reps brought any current PD policies from their local area that may influence attendance at future OAME conferences
- MAC2
  - board 1: $200 / person fund available on first come first serve basis – often runs out by time of OAME reg'n. Supply teacher budgets "done" by end of year
  - board 2: Student Success from board pays for 1 per school
- CHAMP: – doesn't give PD funds for speakers. Limits PD to one day only per year.
- GOLDEN: Some school boards do set $ aside for teachers to go (especially from coaches, or 1 teacher per school)
- no individual PD funds
- COMA: some funding available from CIL project - $ from this project HAS to be used for PD
- TEAMS: union paid $200, but school board gave $75 (or $90)

6) Chapter Reps - what am I doing ? what should we be doing ? An opportunity for new reps to ask questions about the job, for experienced reps to share their knowledge of what works for them in their chapters,: **ACTION: postponed until October**

7) Chapter Rep PD – Question was raised, do we wish to continue the trend and have Chapter Rep PD before the October 22nd mtg - and if so - on what topic). Seemed like a resounding YES – let's continue doing PD !
Topics to cover suggested were
- CLIPS
- OAME website

Another possible topic was mentioned after the formal meeting was completed:
- How to run a Parents Math Information Night (information to parents on how / why we teach math the way we do now, as opposed to how they were taught math growing up)

ACTION: All save OCT 22 daytime (begin at 1:30 pm) for this PD session. Supply coverage provided.
ACTION: EDs to book a meeting room

Board of Directors Meeting

Call to Order: Time: 7:50 pm

President's Welcome and Remarks: David Zimmer welcomed and introduced new board members. His directions for the year included:
- Laying the groundwork for meaningful discussion for the 2012 curriculum review
- Representing the grassroots of OAME- the teachers

- Thinking about bigger issues

Sue Hessey reported that all directors are receiving an OAME CD, rather than a red binder. The CD contains

1. Dates of Meetings, Board Members, Committees, Names and Addresses of Board Members
2. a) Constitution - rev. May 12, 2006
   b) By-Laws - rev. June 9, 2007
   c) Terms of Reference - rev. Oct 24, 2009
   d) Vision Statement
   e) Role of a Chapter rep
3. Critical Paths - Board, Executive, Chapter Representative, Standing Committees and Leadership Conference
4. Minutes - Annual General Meeting
   - Last Board Meeting

Sue also requested that all directors submit expense forms by 10 am Sat, and any updates to personal or professional information, especially if their work data is changing for the Fall. **ACTION: All**
Sue showed new OAME products, including Sierpinski Triangle T-shirts and the Abacus Resource, Vol 47**.**

Announcements and sharing

NCTM: Laurie Moher showed 2 new areas on the NCTM website:

- New Series for Building teacher's content knowledge
- Common Core Standards released. Also see www.corestandards.org

OAME2010: Laura Tonin thanked all who attended. There were 1046 present, including 210 presenters. 170 attended the banquet overlooking the Falls. A committee of 15 ran the conference. COMA had the most delegates by paying it forward. There were delegates from all over the world. 38 exhibitors attended, purchasing 70 tables. Laura thanked Greg Clarke, Cathy Lynch and the EDs for their help and guidance. The board of directors thanked GOLDEN for a wonderful conference.

OAME 2011: Nicholas Chevalier reported that SWOAME is hosting OAME 2011, May 12-14, 2011 at the University of Windsor. The planning committee is in full swing and job shadowed at OAME2010. He provided various promotional items , including postcards for all board members to take back to their local boards to help promote the conference. **ACTION: All**

OMO2010: Greg Clarke reported that the May 29-30 event in Orillia at the Ontario Educational Leadership Camp was very successful with 31 teams and 124 kids and their coaches. Friday night included a scavenger hunt and mystery activity in cabin groups, Saturday's Olympics included individual, team, technology and relay races. The overall winners came from Y4MA, CHAMP and TEAMS. He reported the following highlights:

- A student was excited about getting a circle protractor in her goody bag
- A raccoon chewed through the floor of one of the cabins, frightening a coach
- A student with a severe allergy was able to participate and had more interactions than he usually does at school
- 5 teams stayed for the extra night and enjoyed making dream catchers

OTF: Summer workshops: Beverly Farahani reported that OAME is sponsoring a workshop on IWBs in Sudbury, July 13-15 and on big ideas in Thunder Bay, Aug 23-25.

Leadership 2011: David Zimmer reported that the theme is on big ideas, Mar 3-5, 2011. Key notes are Skip Fennell talking about big ideas and fractions and Richard Epp from Perimeter Institute, talking about why the moon does not fall down. **ACTION: The brochure will be on the website in June and distributed with the Sept Gazette.**

Curriculum Review: Beverly Farahani reported that they are proposing that Fields fund a one day forum on big ideas with keynote Marian Small and delegates invited from ES,SS, College and University.

Professional Learning Activity

Myrna Ingalls: Ministry of Education update on Mathematics Direction 2010-11 from:

- Curriculum and Assessment Policy Branch (CAPB)
- Student Success Learning to 18 Implementation Training and Evaluation Branch (SSL18ITEB)

Flexibility and Partnership

•"…systems will not improve without leadership of a certain kind – leadership that realizes that top-down reform does not work, nor do decentralized bottom-up strategies. Rather, system leaders strive for a blended model of simultaneous top-down direction/bottom-up forces: top-down direction and investment coupled with bottom-up capacity-building. System leaders direct but do not try to micromanage the change." Fullan in Change Wars, 2009

The Skinny

•Connect peers with purpose – "Nothing succeeds like collective capacity."

•Learning is the Work – "Simplexity – finding the smallest number of high-leverage, easy-to-understand actions that unleash stunningly powerful consequences." Fullan in Motion Leadership: the Skinny on Becoming Change Savvy, 2010

Top-Down Direction from CAPB and SSL18ITEB :

•Sharpening the Instructional Focus

Three strategic approaches:

- •Fearless listening and speaking
- •Questioning to evoke and expose thinking
- •Responding to provide appropriate scaffolding and challenge

•Sharpening the DI Focus

•Connecting Foci

•Materials to Support Foci

Top-Down Investment from CAPB and SSL18ITEB

•TPA between OAME/OMCA & CAPB

- •Professional Learning for Mathematics Leaders and Coaches K-12 (PLMLC)
  - • Advisory Panel
  - • learning needs assessment
  - • professional learning activities that respond to the learning needs data

•TPAs between Boards & SSL18ITE

- •Education Program Other (EPO) for Student Success
- •Grants Student Needs – Learning Opportunities Grant (GSN - LOG) for Student Success

•EPO for Student Success

- •Differentiated Instruction Professional Learning Strategy
- •Student Success School & Cross Panel Teams
- •Mathematics and Literacy Coaching and Professional Learning
- •Professional Learning Cycles

•GSN-LOG for Student Success

- •Literacy

- Numeracy
  - PL for mathematics leaders and coaches
  - Differentiated Instruction
  - Support for TIPS, CLIPS, WINS and other Math GAINS resource implementation
  - Other
- Pathways
- Community, Culture and caring
- Student Success Teachers

- Guiding Principles for LOG
  - Cover the costs of collaboration, inquiry and job-embedded learning for <long list>
  - Additional literacy and numeracy coaching
  - Continued focus on research and development, release time for mentors and a variety of supports for students beyond normal school hours

Bottom-Up Capacity-Building: Your part…

- Opportunities for Purposeful Connection
- Development
  - CLIPS storyboarding
  - CLIPS programming
  - WINS
  - Gap Closing
  - Continuum and Connections

ACTION: EDs to send Myrna's powerpoint to all

Farewells

David Zimmer honored Stewart Craven, retiring Gazette editor by talking about some of his accomplishments:

- Ontario Science Centre teacher
- Co-ordinator from Toronto DSB
- Bike racer
- War canoeist
- Murder mystery creator
- Photographer
- Author
- Fashion trend setter
- Educational humanist and innovator
- Extremely creative

The board gave Stewart a standing ovation. Stewart commented on math education over the years.

Bill Otto honoured Dave and Sue Hessey retiring Executive Directors. He mentioned that they

- Were humble about directing OAME
- Carved out a new identity for the ED role
- Dealt with issues with a great deal of pride and ownership
- Made people feel welcome
- Were a true brother and sister of most board members
- Gave 100 fold more than required

- Were lots of fun to work with

The board gave the Hessey's a standing ovation. Dave and Sue reminisced about some of the highlights while they were EDs.

Motion: moved by Bill Otto, seconded by Beverly Farahani that "the OAME Board of Directors extend to Dave and Sue Hessey their sincere gratitude for a job well done and their best wishes for a well-deserved, happy and full retirement." Carried unanimously.

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

Saturday Jun 12, 2010

Standing Committees

Communications: Robert Sherk reported:

Business Arising from Minutes of Previous Meeting of the ***Publications*** Committee:

1. *Members Only* access for pre-service teachers on OAME website – Greg Clarke provided an update. Each university site would receive a password for the *Members Only* area so that access would be available at the beginning of the school year**. ACTION: Greg Clarke to set up passwords for each site in preparation for the fall.**
2. Marian Small will explore links with a wide range of math organizations, including the Canadian Mathematics Society.

Business Arising from Minutes of Previous Meeting of the ***Promotions*** Committee:

1. Promotional items will be sent out to the faculties of education in an effort to make pre-service teachers aware of the value of belonging to our organization. Merilyn Fox has a list of contacts at each faculty of education**. ACTION: Merilyn Fox and Sue Melville to draft a cover letter.**
2. It was suggested that we begin an *Ask a Teacher* feature on the website as a support for pre-service students in addition to providing the packages **ACTION: Greg Clarke to prepare a mock-up of the feature and distribute it to committee members over the summer. Board members will be invited to volunteer to answer pre-service teachers' questions.**

Current Business:

1. 40th Anniversary *Gazette* update (2012):
    a. Robert Sherk has passed along photos from past OAME conferences to the committee for inclusion in the anniversary edition.
    b. We now have a Facebook page. Search for "OAME" on Facebook and join!
2. *Gazette* editor transition: Marian Small has been busy – she has invited former columnists, colleagues, and her many contacts in the math world to contribute articles to the *Gazette*. Look for a new Grade 7-8 column as well as other new features in upcoming issues.
3. *Abacus* update: Next year's theme will focus on key notions of measurement.
4. OAME Website:
    a. Despite the growth in complexity of the website over the past couple of years, there is no need at present to add a third person to support it. However, the committee recognizes the tremendous efforts of Greg Clarke and Greg Rodrigo and will adjust the budget to compensate them for their increased workload.
    b. Conference planners: The committee decided that the OAME and OMO conference planners will not be uploaded on the website, but will be available to members in CD format by request to the EDs.
5. OAME logo: A square-based pyramidal version of the logo was displayed. The committee discussed creating a paperweight and puzzle for use in classrooms. The graphic file will be emailed to committee members. **ACTION: EDs** This item is deferred to the October meeting.
6. Increasing membership: We continue to explore ways to increase our ranks through selling memberships. **ACTION: Merilyn Fox to ask EDs to email the powerpoint roadshow (when updated version received back from Merilyn) to chapter reps for presentation to math councils, lead teachers, coaches, and/or consultants.**

7. Budget: The committee recommends an increase in the Webmaster and assistant honorarium. $1500 is requested to support extra time for new website initiatives. Other amounts for the previous years have been carried forward for this year.

Outreach: Cathy Hall reported that the new Outreach Committee (formerly Futures & Awards) views its role as:

- helping to raise the profile and visibility of OAME in the provincial math community
- supporting collective capacity-building (bottom up) and leadership initiatives (top down)
- reaching out to support members and/or chapters who are willing take on "the big tasks" (e.g., organizing OMO, hosting the OAME annual conference)
- ensuring recognition for exemplary work in math education by individuals/schools (OAME Awards)
- helping struggling chapters (e.g., low membership, lack of engagement by members)
- liaising with other OAME committees (e.g., Communications) on crossover issues/tasks

Discussion items, both as a committee (a.m.) and in Committee of the Whole (p.m.), included:

1. Awards

- What can the Outreach Committee do to raise the visibility & emphasize the importance of these awards?
- How can we help expedite the nomination & voting processes?
- What can we do to ensure that award winners are recognized in their immediate math community, as well as within the OAME organization?

- Try earlier advertising for nominations (e.g., Sept. Gazette), as well as the usual Dec. ad.
- Add colour to ads to make them stand out!
- Try an ad for nominations in Professionally Speaking. Also post award winners in this magazine.
- Distribute an info package to chapter reps at Oct. meeting to encourage more nominations. Encourage nominations within chapters, with the Chapter Rep to support the individual who chooses to bring forward the nomination.
- Follow up with an all-members email calling for nominations. An online nomination form would be included in this email.
- Is it possible to have a "pop-up" ad appear on the OAME website?
- Send a heads-up letter/info-pack to school boards (Dir. of Ed., principals, coordinators, trustees).
- Email a press release on award winners to school board leaders (e.g., to include in "Good News" newsletter or as a link on the board website) and to all OAME members.
- Investigate ways of providing local recognition for award winners (e.g., press package for local media, invite winners to present at chapter mini-conferences, etc.)
- Corporate memory is important… so choose a former OAME board member to sit on the Awards Subcommittee to help in the selection process (e.g., for the Life Member Award).

ACTION: All members to consider/investigate the possibility of sponsorship/prizes to go along with the awards (e.g., SMART board for a winning math department, monetary support to be used towards a classroom math program). These added incentives could boost nominations.

Discussion begun (…to continue in Oct) regarding issues related to:

a) multiple award nominations of the same person in the same year,

b) generic, rather than award-specific nominations.

2. Supporting Chapters

- Plan for info sharing during Chapter Reps meetings (e.g., ask chapters to identify their needs/ways in which Outreach Committee can support them.)
- Use Adobe Connect to reach out to the membership and/or provide PD in-service (e.g., linking mini-conferences, connecting/twinning chapters based on interest items).
- Directions for future discussions… the possibility of creating a mini-conference planner, creating a list of expert helpers who can be of resource assistance to chapters).

3. OAME Conference Planner & OMO Planner

- There are problems in uploading the newly completed Planner documents to OAME website.

ACTION: Connie Quadrini & Sandra Jean Price to liaise/troubleshoot with Greg Clarke & Greg Rodrigo on this problem.

4. OMO Liability Issues/Site Selection

- There was info sharing with new committee members re: the background of OMO liability issues.

ACTION: Sandra Jean Price to follow up & gather additional information related to insurance/liability coverage that was in place at the OMO 2010 venue.

5. Ensure OAME branding in all advertising for the 2010 Annual Conference

- It was brought to the committee's attention that Texas Instruments™ did not include OAME branding in some of its advertising for their "mini-conference-within-a-conference" at OAME 2010.

ACTION: Cathy to add this as a discussion item for the Conference Chairs meeting in Oct.

6. Possibility of Creating a Contract Position for Conference Liaison Person

- There was preliminary discussion of whether OAME should have a conference liaison person to help with IATS/MCIS/password issues/registration glitches. For the past few years, Executive Director Sue Hessey has been working "behind the scenes" to ensure that these issues/glitches were taken care of as soon as they occurred. Therefore, Sue's retirement leaves a void that needs to be filled if we are to continue to offer efficient online conference registration.
- Preliminary feedback from Committee of the Whole discussions supported the need for/creation of such a paid position.
- It was felt that, if this support is in place, more chapters would be willing to host the conference.
- We did, however, have one query about the possibility of this position remaining voluntary… with the work to be done by ???
- Discussion will continue during the October Bd. of Directors Meeting. If further discussion points toward creating this new position, we will be approaching OAME Executive for advice on how to proceed.

Strategic Planning & Renewal (SPaRC): Bill Otto reported that the committee discussed

1. Goals of SPaRC – role of Equity and Constitution
    a. Recognize that equity needs to be embedded in all committee work
    b. Sonia to take lead on Equity and Bill to take lead on Constitution with support of committee … from time-to-time a little bit of legwork may be needed outside of OAME meeting to provide feedback so that Bill can take our SPaRC items and info to Executive meetings
    c. Need to identify where we are as an organization, committee and individual in terms of equity – how do we connect to our teachers? Social justice as a big idea for mathematics instruction, etc. – where are the inequities in math education? – how do we address inequity in mathematics education ?
    d. There was much discussion around "equity" and it was agreed that we needed to determine the foci of broad equity issues .
    e. Present to Board to determine what the board thinks our goals and foci should be – what is equity and how do they want us to support it – narrow the scope
    f. A suggestion to investigate having an Equity page on website – links or resources to share with membership would seem appropriate. Sonia & Bill will follow-up with other Committee Chairs about this possibility.
    g. Another related suggestion was to identify teachers who are already using social justice to successfully teach mathematics with this big idea and ask them to share lessons/resources (ideas from chapter reps and folks from conference) via the website and/or other publications. Sonia and Bill to follow this up.
    h. We considered the recent Equity Breakfast changes – social justice in mathematics instruction as a natural cross-curriculum fit to encourage the use of mathematics as the connecting piece to this big idea – and the need to develop appropriate Constitution changes that are more flexible
    i. The pilot project of "uber" Committees and Board Agenda, if/when successful may necessitate some work by the Committee to develop appropriate language for a number of Constitution/Bylaw/Terms of Reference changes
    j. The project is an attempt to involve the Board to a greater extent in decision making to enhance OAME's impact on our membership and to improve involvement and attendance at Board meetings.
2. Bill clarified the role of Committee members in their home groups
3. The provided Question Stems were discussed - in particular, impact on membership/board; pros and cons; difference made and how do we know; etc.
4. The Committee discussed possible budget items. Bill, Fred and Dave will establish the budget proposal before leaving today.
5. A number of items regarding Constitution considerations were identified:

a. Develop protocol/process for replacing board members who have resigned or are requesting a leave of absences. It was decided to pose this question to Committee of the Whole to gather some input. Bill to underscore the point that the process developed needs to be transparent and equitable.
b. Aligning the Board year with school year
c. OAME has many Policy statements and the organization needs to create a place to house them and collect them
d. It was also decided that the Committee would inform the Board that it intends to ask Board members at the October Board meeting, whether the new "uber"Committee and Board Agenda structures are working and make any recommendations/tweaks at that time

6. Sonia to follow up with David Petro re: equity theme/issues etc. and report back to the Committee asap and she and Bill will follow-up with other Committee Chairs, as needed**. ACTION: Sonia**
7. The Committee through Bill & Sonia will recommend that a motion be brought forward to the Executive for the next Board meeting to address the Equity Breakfast issue. Bill will do this.
   This will provide flexibility to the planning committee of the OAME Annual Conference and SPaRC **.**
   ACTION: Bill to send motion to EDs by Sept 15 for discussion at Oct exec mtg
8. The Presentation to the Board for our Committee's portion of the Committee-of-the-Whole was discussed and Bill and Sonia will do the presenting and facilitating as necessary
   Bill would introduce the Committee members and explain :
   What we plan to do
   Recognize that equity needs to be embedded in all committee work
   Need to identify where we are as an organization, committee and individual in terms of equity – how do we connect to our teachers?
   Determine the focus of equity issues & what is equity and how do they want us to support it – narrow the scope
   Equity page on website
   Equity breakfast changes
   Develop protocol/process for replacing board members who have resigned or are requesting a leave of absences
   How we plan to tackle the dual role of Constitution and Equity
   How we connect to other committees
   Ask "what do you see as major inequities in mathematics education in Ontario?"
   Does this connect to committee work you are currently doing?
   We will also be collecting information about the new structure during the next meeting so please consider – please discuss the following questions:
   1. Was there enough time to do your committee work
   2. Do you have an appropriate amount of members on your committee
   3. Does this structure support participation in committee work
   4. Does this structure support participation in the committee of the whole
9. A Budget was set and submitted to Dave Hessey.
10. Bill will also share the working minutes with the Committee as soon as possible along with the collected comments and recommendations from the pm Board session. **ACTION: Bill**

Curriculum: Dwight Stead and Jan Crofoot reported that:

Item	Discussion	**Action**
Welcome Icebreaker	Pairs of committee members interviewed and introduced each other	
Feedback to OCT on P/J AQ Courses	Part 1 focuses on exploring, part 2 focuses on deepening understanding and part 3 focuses on developing leadership in mathematics.	Jan will synthesize the feedback gathered from the committee

	Small groups of members provided feedback on various sections of the three courses	and share a summary of the feedback to the committee of the whole. **Jan will submit the feedback to OCT by June 26th.**
Directions for 2010-11	If OAME's mandate is to serve its members, what should the curriculum committee focus on for the coming year? In triads, committee members created a list of suggestions that were shared with the committee and the committee of the whole	Dwight will share the ideas from the committee with the committee of the whole
Debrief/Consolidation	The committee shared feedback from each home committee The committee decided on the following foci for 2010-11: 1. A motion to executive is requested to seek funds from the LNS to develop more K-6 math resources. The writing could be contracted out over the next few years and the finished resources would be posted on the OAME web site 2. More K-6 content is needed for the web site before a pre-service free membership is offered. The K-6 content will include: • Resources to support full-day kindergarten • A list of picture books that support primary math • A summary chart of the frequently used documents (Guides to effective Instruction,....) • Collect IWB samples for K-6 from the OERB or from boards that are willing to share. • A list of FAQs for K-6 teachers 3. Create resources to support parents so they can assess quality math resources, math web sites The committee also suggested that future board meetings have PD sessions for the entire board on the Big Ideas and time for the entire board to complete the Curriculum Review surveys. The committee determined no budget was required since all the work would take place during board meeting time or be contracted out.	Dwight will submit the minutes and budget to Sue.

General Meeting of Board of Directors

Approval of agenda

moved by Bill Otto, seconded by Beverly Farahani that "the agenda be approved". Carried

Approval of Minutes
moved by Sonia Ellison, seconded by Cathy Hall that "the minutes of the Feb 5& 6 , 2010 board meeting be approved". Carried **ACTION: EDs to post on the website.**

Financial Report, 2009-10: Dave Hessey provided a financial report as of Apr 30, 2009 and made predictions for the financial year end.
moved by Bill Otto, seconded by Kyla Kadlec that "the financial picture be accepted." Carried.

Leadership 2010: Beverly Farahani reported that profit to date was $ 11 757.75 . She circulated the evaluation summary that indicated a very successful conference, highly rated by the delegates.

Motion: Moved by Bill Otto, seconded by Beverly Farahani that "the Board of Directors appoint Tim Sibbald for a 2 year term and Len Rak for a one year term as a Director." Carried.
Note: the SPaRC committee is looking at the process of replacing directors who cannot fulfill their term of office, to add more details to the bylaws.

Questions: none. Bill Otto reported he will send the CMP minutes when ready.

Lunch

What's New On The Website?

Greg Clarke reported the latest updates to the website that he and Greg Rodrigo have worked on:
- The website adjusts to screen and font size
- There are bright drop down links
- The home page links on the left and right are saved on other pages
- The members only links are now revamped
- The Gazette archives are now revamped and include a search feature (author name or article name)

ACTION: Add the OAME roadshow to board links once finalized by Merilyn Fox

Committee Of The Whole:

Connie Quadrini reviewed the purpose of the Committee of the Whole and provided some question stems.
Each Committee reported committee highlights to the board and asked questions requiring feedback.

- **Communications Committee:** requested other ways to promote OAME
- **Outreach Committee:** requested help on 3 award issues:
    - How to raise visibility in Ontario of award winners
    - Timing of call for awards
    - How to speed up award process
- **Curriculum Committee:** requested suggestions for their committee focus. Some ideas they themselves developed were:
    - Finding current PJ resources to post on the website
    - Advocate to LNS for more MATH supports K-6
    - How to be proactive for curriculum review in 2012
    - Gather IWB resources to share
    - How to unpack the front matter of curriculum docs
    - How to help teachers develop 3 part lessons

Strategic Planning and Renewal Committee: requested discussion on:

- What do you see as major inequities in mathematics education in Ontario?
    - Does this connect to committee work you are currently doing?
- We will also be collecting information about the new structure during the next meeting
    - Was there enough time to do your committee work
    - Do you have an appropriate amount of members on your committee
    - Does this structure support participation in committee work
    - Does this structure support participation in the committee of the whole

Standing Committees

Each met with their own committee to debrief, consolidate, plan next steps

Adjournment: 3:05 pm

Written Reports June 20

Ministry of Education/Faculties of Education Forum 2010: Silvana Simone reported: Tuesday May 11, 2010 Keynote: Kevin Costante, Deputy Minister of Education Emphasized continued focus on the Ministry's 3 goals, outlined initiatives that are being focused on: Early Learning, Continue to improve system leadership, Improve achievement of First Nations students, School improvement (bullying, safe schools), Inclusive education, Special education, Review of how technology is contributing (or not) to student achievement. Curriculum focus: Once curriculum review cycle ends, will review what needs to be improved, Growing Success A & E policy document, Environmental education. *Attended the following sessions:* ***1.*** Modeling and Gradual Release of Responsibility: What does it look like in the Classroom? Maynes and Julien –Schultz, Nipissing 2. Assessment as Learning: Increasing Students' Self Efficacy through Metacognition and Self-Regulation: Fonseca,Ottawa 3. WINS and Grade 6 Gap Closing for Number Sense: Amy Lin, Ministry 4. Integrating Video Games Across the Intermediate Curriculum: Hutchison, Brock 5.Mathematics – Subject Based Session: Jeff Irvine, Ministry

Wednesday May 12, 2010**:** Keynote: Hon James K. Bartleman. Spoke about his personal experiences in education growing up in a First Nations Community. Reviewed briefly the history of First Nations people. Described his initiatives for bringing books to these communities, running summer reading camps and setting up libraries. *Attended the following sessions:* ***1.***Growing Success: Assessment, Evaluation and Reporting in Ontario Schools: Sylvia Larter, Ministry 2. How Research Impacts Innovations in Teacher Induction: Smith, Nigro, Kuroyama, Ministry 3.Bullying Awareness: Reclaiming our Schools, A Service-Learning Project: Hamilton, Reati, Salinitri, Windsor. For a free PDF copy: Hamiltov@uwindsor.ca, Reati@uwindsor.ca 4. Ontario's Equity and Inclusive Education Strategy: Flynn, Ministry

Field's Math Form: Beverly Farahani reported from the April 24 meeting:

1. Reports: OAME, OMCA, OCMA, CMS, and other.

2. Daniel Jarvis (U of Nipissing), Chantal Buteau (Brock U) & (absent) Zsolt Lavicza (U of Cambridge, UK): CAS-Based Technology Use in Post-Secondary Mathematics Instruction Abstract. In Spring 2009, email invitations were sent to over 2000 Canadian post-secondary mathematics instructors inviting them to participate in an online survey regarding Computer Algebra System (CAS)-based technology use in their teaching. The primary aim of the survey was to investigate mathematicians' views on both the current and possible future uses of CAS-based technology in university-level mathematics education. In this presentation we will outline preliminary results of the survey, and will briefly compare these to international trends. The online survey, along with a comprehensive literature review and case studies of departmental reform in Canada and the UK, forms part of a SSHRC-funded international research project, the full results of which will be presented at public workshops at Fields/CRM in Fall 2010

3. Paul Alves (Fletcher's Meadow Secondary School): Technology Use in Secondary Math Classrooms Abstract. A brief look at the evolution of types and uses of technology in math classrooms across Ontario over the last two decades.

4. Dragana Martinovic (U of Windsor): Things Happen with Technology: The Voices from Practice Abstract. During the CMEF 2009 and for the purpose of writing a final report from the working group meeting, four teachers were asked to share their experiences with computer technology available in schools. All four teachers could be described as at least moderately, if not extremely technologically savvy. Their reports reveal difficulties and

obstacles they encountered when attempting to incorporate various technologies (including online and video-conferencing) in their classes. Findings from other research conducted by the presenter and related to technology adoption in schools, are also discussed.

5. Panel Discussion: Factors That Most Impede Technology Integration in Mathematics Instruction Abstract. In Assude et al. (2009) about factors fostering or impeding technology integration in mathematics instruction, the authors conclude: 'The changes in mathematics knowledge and mathematical practices that are emerging in the digital age are more difficult to implement in school classrooms because this mathematical 'reference' is not yet clearly established or understood by teachers. More research is needed on the emerging mathematical reference and its didactical transposition.' In your experience, what are the factors that most influence the technology integration in your classroom? Assude, T., Buteau, C., & Forgasz, H. (2009). Factors Influencing Implementation of Technology-Rich Mathematics Curriculum. In L. H. Son, N. Sinclair, J.-B. Lagrange, & C. Hoyles (Eds.), Mathematics Education and Technology - Rethinking the terrain: The 17th ICMI Study. New York: Springer, 405-19.

6. Walter Whiteley (York U.), Margaret Sinclair (York U.), & Len Rak (Sheridan CI): The 3-year curriculum project (joint OAME, OMCA, Fields MathEd Forum) steering group is reporting and organizing discussion with the Forum participants.

OAME2011: David Petro reported that the Promotions Committee has been very active in the past few months. They have printed postcards and posters and have been distributing some locally. They also distributed postcards at OAME2010 and gave posters to "key players" to take back to their school boards / work sites to promote OAME2011 in Windsor. At Brock, their 800 chocolate calculators (variety of colours) were a big hit. They also distributed fridge magnet rulers with their logo and conference information and some OAME2011 logo'd tape measures. They also gave out a limited number of 2Gb memory keys and working magnetic clip calculators with our logo on them. They also had a raffle for people giving them their contact info -the winner received a gift basket with 1 night stay at Ceasar's Windsor, some bottles of local wine, a Ti Nspire calculator etc. Nicholas Chevalier, the chapter rep, will be distributing packages of postcards for schools to each chapter rep in June. Their committee sent 14 members to Brock to shadow and man the promotions booth They had someone from each committee with the exception of volunteers and each of them were able to talk to their 2010 counterparts at some point during the 3 days. An May 237 article in the Windsor star can be found at:
http://www2.canada.com/windsorstar/news/story.html?id=6a388156-5e3e-45b1-b0f3-02cc338045df

Executive Directors' Report: Dave and Sue Hessey reported that membership on June 5 was1244.
197 memberships have been purchased through OAME2010.
Chapters: 2 chapters, TEAMS and COMA have now submitted their Nov 30 financial report and will receive their chapter rebate in June. New chapter reps to date are: PRMA: Alison Macaulay, ISOMA: Jen Gravel, TEAMS: Santina Fantetti and QSLMA: Henry Santos. No chapter grants have been requested for 2010/11. The final report from PRMA for their grant in 2009/10 was recently received.
Website:. Greg C designed and used a new reg system for OMO. Greg R has recently worked on the members links to update the website.
OAME2010: For personal reasons , we were unable to attend the conference this year, so there was no OAME booth. The Ferneyhoughs took care of the AGM and award details for us. About 1140 delegates and presenters attended, with 802 paying delegates. Invoices for the loan ($15000), PD fee ($24 703) and membership fees ($8705) have been sent to the OAME2010 treasurer and have been paid. Letters of appreciation have been mailed to the 3 chairs. The Ferneyhoughs took our place at the past-president's lunch.
OAME2011: The promotions committee had a booth at OAME2010 and advertised featured speakers and gave away al lot of promo materials. A full report from David Petro, including a link to an article in the Windsor Star can be found in the written reports.
OAME 2012: The contracts are due back for OAME signatures.
OMO 2010: Registration was online through our website. 31 teams from around the province competed, and all mathletes were winners. There were many prizes and awards distributed, but the Gold, Silver and Bronze medals went to the teams Y4MA South, CHAMPogascar and TEAMS 1.

Leadership 2011: The brochure has been sent to the printer, for inclusion with the Sept Gazette.
New 3D logo: Dave has created a new 3D OAME logo for use on future T-shirts or elsewhere to promote OAME. He has sent it to Walter Whitely for feedback.
ED transfer: The Ferneyhoughs are attending the May exec and June board meetings to job-shadow. Changes of address are included with all membership receipts and to some businesses as quarterly invoices come in. We are planning an office "on-site" visit in late August. A new laptop has been purchased for the Ferneyhoughs.
Directors and Officers Insurance: We have completed the application to renew this for 2010/11.

CHAPTER REPORTS, June 2010

CHAMP- Rep: Shaun Knowles: shaun.knowles@peelsb.com. Once again this year was very busy for CHAMP from the fall mini conference, to the grade 7 to 8 contests, OMO trials for Orillia, and CHAMP year end presentation ceremony.During our CHAMP Fall Mini Conference we had well over 200 guests. Members were very impressed with the venue, food, service, and break out sessions. Our key note speaker was Dr. Marian Small who wowed the crowed with some exciting math teasers.It was quite a coordinating effort for our CHAMP executives, volunteers, and staff sponsors to ensure that our grade 7 and 8 contests and OMO trials went well for teams. The students had a great time competing, the staff coaches were very excited to be at our event as it show cased some great math talent from all over the PEEL region. They all look forward to participating next year.At the conclusion of our year we held our annual CHAMP and OMO presentations at the Peel Board Office. There was well over 100 participants who enjoyed some light refreshments and then the presentations of the trophies and medals. It was a fun year for our executive and for all those who were touched in some way by CHAMP. We look forward to next year for some more great things to happen within the CHAMP region.
COMA - Rep: Beata Myhill: beatamyhill@sympatico.ca. The Ottawa chapter has continued to grow and is actively promoting math in our community. Our "Pay it forward" initiative sponsored 20 members for the 2010 OAME conference through the use of monies our 2009 conference had earned. Registration, accommodation, and supply teachers costs were covered for members chosen by lottery over the course of the year. Additionally, to make it for feasible for members to attend the provincial conference, C.O.M.A. provided transportation on the "COMA COACH" at minimal cost. Approximately 45 teachers came on the coach, and quite a few other travelled to the conference on their own. In April, we again hosted our local Math Olympics in preparation for the provincial O.M.O. competition. At the end of May we rounded out the year with a Secondary Forum attended by about 30 teachers, presented by Ron Watkins on "Talking Less; Listening More".
GOLDEN - Rep:Laura Tonin: lmtonin@yahoo.ca The Golden committee would like to thank everyone who participated in OAME 2010. Hopefully if you came to the conference you had an informative and enjoyable time meeting new people and seeing new math ideas and technologies. The organizing committee was very pleased with how well everything went and enjoyed seeing so many educators from across the province (and beyond) come together in Niagara. Altogether, there were 1046 people who attended the conference and 210 presenters. People came from Ontario, British Columbia, Prince Edward Island, the United States, Bahamas, and South Korea to attend the 278 sessions (many of which were full). There were 38 exhibitors for people to check out in the Exhibitor's Area. The hospitality events were well attended. People were able to explore Clifton Hill and the Casino or experience some of Niagara's wine on the Winery trip. The banquet was well attended with 170 people there. It was held at Elements restaurant overlooking beautiful Niagara Falls where delegates could enjoy the view along with a fabulous meal! MCIS is open to receive feedback on the conference. If you have not done so already, please give us your comments. The fifteen of us on the Golden committee would like to give special thanks to Sue and Dave Hessey for their guidance and support. Also, the 2008 and 2009 conference teams for their advice and support. Greg Clare and Cathy Lynch for their support with MCIS. In addition, COMA for 'paying it forward' and sending so many of their teachers to the conference. And, all of the presenters for their time and energy.
GVMA - Rep: Barry Ferguson: bafergus@math.uwaterloo.ca NO REPORT
ISOMA - Rep: Jennifer Gravel: jgravel@scs.on.ca. The ISOMA Math Olympics were held on April 17th and hosted by Bishop Strachan School. Thank you to Carly Ziniuk for her great organization which helped make the event a great success.m. Next year's ISOMA Math Olympics will be hosted by Greenwood College.The ISOMA executive is now beginning to plan next year's Chapter conference. The conference will be held at Royal St. George's College in early November. More details on the conference (date, theme, contact information) will be available in the fall.
MAC2 - Rep: Paul Szczokin: paulandyumi@rogers.com It had been a very busy time over the last few months at MAC2, organizing and finalizing plans for the Ontario Mathematics Olympics, which occurred on May 28-29th. The

dedication and hard of the Co-Chairs Greg Clarke, Danielle Blair, and Bill Morrison and all other OMO committee members were evident during the weekend event. Thanks to our main sponsor Union Gas and all the sponsors who helped make OMO a successful event. The MAC2 Annual General Meeting will be held in September whereby elections for committee members will take place. MAC2 will soon be saying good-bye to our hardworking and dedicated president Kyla Kadlec and welcoming our new president Cheryl McGinnis. We are currently working on our fall mini conference which is tentatively slated for sometime in October. Also, we are putting together an application for funding form so that our OAME / MAC2 members would be eligible to apply for if looking for support in hosting a mathematics event within our communities for students and parents.

NOMA - Rep: Cheryl Geoghegan: geoghec@rainbowschools.ca. The first half of 2010 has been an energetic several months in the NOMA region. In response to online surveys submitted by chapter members, four Spring Workshops were organized for the region. North Bay was home to one, the other three were slated for Sudbury. The locations AND the topics were selected by the organizing committee in direct response to chapter members' input on how they would like to see a mini-conference take shape. Some new OAME members were recruited at registrations, and participants gave very positive feedback on all workshops. The work of North Bay members must be recognized, as they have responded so positively to efforts at uniting far reaches of this very large chapter area.We enjoyed hosting the region's Grade 7 and 8 students at OMO, once again held at Lasalle Secondary School in Sudbury. We always appreciate the numerous volunteer hours given in the interests of promoting mathematics appreciation in our young people. This year, the Venncouver Olympics theme went over well, and the materials provided by MAC2 were a terrific help in planning and executing the event. Our young teams were enthusiastic through the entire day.Our final meeting of the school year will be a celebration of great teamwork, before we head into summer.

NWOAME- Rep: Tom Boland: taboland@shaw.ca NWOAME has once again had a very busy second half of the year. On March 12, we hosted our Annual Pi-Day, with Pi-themed events happening at 3 elementary school sites, (up from one site last year). The event attracted grade 5 and 6 students from a number of schools across the city to the host sites where grade 7 and 8 students lead junior students through a host of activity stations. At the stations, students engaged in games and activities all related to Pi. Pi-Day was well attended and promises to remain a very successful event for NWOAME. On April 22, we hosted a Spring Math Night for all members and their guests. The evening was sponsored by The Faculty of Education at Lakehead University and included 2 feature speakers, hot hor'deurves, and a cash bar. Ralph Mason, from the University of Manitoba, spoke about success for all at the secondary level while Nicole Walter-Rowan, a teacher with Lakehead Public Schools, did a presentation focusing on the use of games in elementary math classes. On April 17, we held our Regional Math Olympics which saw over 110 grades 7 and 8 students compete for a chance to represent the region at the provincial competition. The event was a great success and at the time of writing this report the winning teams are actually competing in the Provincial Championship. NWOMAE executive also had a successful meeting with directors from both local school boards. The main purpose of the meeting was simply to engage in dialogue with respect to our ongoing quest to remaining an important voice in math related education and PD in Northwestern Ontario. Lastly, NWOAME held our Annual General Membership meeting on May 19, 2010. A new executive was elected and plans were set into motion for an exciting year to come. Maria Casaola who received the OAME Elementary teacher award in May is now chair of NWOAME. Everyone at NWOAME wishes all OAME members a safe and relaxing summer.

PRMA- Rep: Alison Macaulay: amacaulay@pvnccdsb.on.ca The PRMA Chapter has recently engaged in a book study of “Accessible Mathematics: How Did You Know?” by Steven Leinwand. Members have discussed ideas presented in the book and have reflected on their experience of using them in the classroom. OMO Playdowns were held for PRMA East and PRMA West with winning teams going on to the provincial event in Orillia on May 28 and 29.

QSLMA -Rep: Lisa Dougherty**:** ldougherty@hpedsb.on.ca. The QSLMA Chapter has been involved with supporting our local OMO event this past April. Thanks to Geoff Roulet and the Math curriculum students at Queen's University this event was successful with 23 teams participating. The winning team will be representing QSLMA at the provincial OMO in May with financial support from QSLMA. Our executive met in May and selected a new Chapter Rep. She is Lisa Dougherty, an experienced elementary school teacher. Work is continuing as we plan our fall mini conference set for Saturday November 6th at Queen's and also plan for the May 2012 provincial conference to be held at St. Lawrence College in Kingston.

SAME- Rep: Debbie Drape: debbie.drape@tel.tdsb.on.ca NO REPORT

SWOAME- Rep: Nicholas Chevalier: nicholas_chevalier@wecdsb.on.ca. SWOAME has had a very busy past couple months. The OAME 2011 planning committee brought a delegation of leaders to Brock University for OAME2010 to learn more about hosting and planning the conference. Chairs of each committee shadowed members of GOLDEN, while the promotional committee put on a fantastic display booth including great promotional giveaways. As a committee, we felt like we left a lasting impression that hopefully continues, and results in a great OAME 2011. We have continued to look locally (Windsor--Essex-Chatham-Sarnia) for support and began to promoteour conference in other areas such as Michigan. We are currently encouraging local school boards for greater PD opportunities, especially near next years conference.

TEAMS- Rep: Santina Fantetti: santina.fantetti@tcdsb.org. In April, TEAMS hosted a very successful and funtastic Math Olympics. It was a great turn-out and the students really enjoyed the day! About 140 grade 7 & 8 students took part in the event. It was wonderful to see students eagerly engaging in individual and collaborative mathematics problem solving activities. Currently TEAMS is working on OMO 2011. The executive is planning visits to the University of Toronto, Victoria College to see how the site can be best used. Planning is now in full swing for OMO 2011, we are looking for volunteers to assist us in making it the best OMO ever. If interested, contact one of our directors. In addition, TEAMS is soliciting presenters for its Fall Mini-Conference.This year the Mini-Conference will be held at Dante Aligheiri/ Bathurst Heights on October 28, 2010. Look on the OAME website in the fall to register.

WOMA - Rep: Ann Michele Stenning: a.stenning@tvdsb.on.ca. WOMA did not host professional development this spring. However, some time was spent informing educators about OAME and obtaining names of potential presenters. WOMA should be ready to run a mini-conference in the fall.

Y4MA - Rep: Ada Cartaginese: ada.cartaginese@ycdsb.ca. Y4MA recently held the Intermediate Mathematics Olympics Competition in Thornhill. It was well attended with schools coming from all over the region. Our Math Teams attended the Ontario Mathematics Olympics Competition and represented Y4MA with great success, one team received a gold medal. Congratulations to Y4MA South, also known as Cummer Valley Middle School! We would like to thank the organizers, volunteers, and the participants for a making the IMO a great event. Y4MA is currently in the process of planning the Fall Conference, please stay tuned for further information.