



# WAIKATO MATHEMATICS ASSOCIATION

President: Lyn Brassington    l.brassington@fraser.school.nz  
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Treasurer: Debra Leong        dleong@hillcrest-high.school.nz

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## WAIKATO MATHS ASSOCIATION MEETING MINUTES

Thursday April 29<sup>th</sup> 2009, 4.30 pm  
School Support Services, Conference Rooms

**PRESENT:** Lyn Brassington (Fraser), Ruth Love, (Fraser), Velma Murphy (Dio), Mark Plant (St Peter's), Annelise Visagie (St Paul's), Judy Bailey (Sch of Ed), Ann Leach (Advisory), Colleen Nolan (Sacred Heart), Bethan de Melmanche (Dio), Ingrid Rinsma (Hillcrest), Pam Fisher (Te Awamutu), Bill Crombie (Te Awamutu), Cambell Till (Fairfield)

**APOLOGIES:** Deb Leong (HGHS), George Kennedy (St Peter's), Mary Rose Speakman (Sacred Heart).

### CORRESPONDENCE:-

Inward:

Outward:

- Letters were sent to the principals asking schools to appoint someone to our committee to enable us to better meet the needs of all areas of the association.
- Subscriptions to schools were sent out.
- Lyn send an email to the Andrew Ferguson the president of the Bay of Plenty maths association regarding the possibility of collaborating and hosting the 2015 NZAMT conference. Andrew will discuss this at their next committee meeting and get back to us.

### MINUTES OF THE PREVIOUS MEETING: -

Moved "That the minutes of the meeting on 18/2/2010 be approved as a true and accurate record of the meeting."

Lyn/Velma

### FINANCE:

#### Waikato Mathematical Association

#### Treasurer's Report

Prepared on 25 April for Term 2 Committee Meeting on 29/04/2010

**Term Deposit:** \$20 302.47 (at 3.25% pa, Maturity 6 May 2010)

**Current Account:** \$3663.53 as at 1 March 2010

**Last reconciliation: 1 March 2010**

Outstanding cheques; \$200.00  
Undeposited funds: \$375  
Balance of Cashbook:\$3838.53

INCOME		sub-totals
WAIMATHS	\$0.00	\$0.00

<b>Interest:</b>		
00 Account - 29 Aug 08	\$0.00	\$0.00
<b>WMA subscriptions</b>		
Te Awamutu College	\$65.00	
Te Rapa School	\$30.00	
St Patricks Catholic School	\$30.00	
Hamilton's Fraser High School	\$65.00	
Mercury Bay Area School	\$65.00	
St Andrews Middle School	\$65.00	
Te Waotu School	\$30.00	
Hamilton Christian School	\$65.00	
Cambridge HS	\$65.00	
St Pauls Collegiate	\$65.00	
Morinsville College	\$65.00	
St Columbas School	\$30.00	
Te Kura Correspondence School	\$65.00	
Puketaha School	\$30.00	
Peachgrove Intermediate	\$30.00	
University of Waikato	\$90.00	
Sacred Heart Girls college	\$65.00	
		\$920.00
<b>Total Income</b>		<b>\$920.00</b>

<b>EXPENDITURE</b>		
		sub-totals
<b>Miscellaneous</b>		
stationery - Memory stick	\$35.00	
Food T1 committee mtg	\$14.13	
Flowers for A Cant (hospital)	\$64.79	
NZAMT Membership 2010	\$200.00	
		\$313.92
<b>Total Expenses</b>		<b>\$313.92</b>

As treasurer I move that:

1. All the payments above be ratified
2. The treasurers report be accepted

Lyn/Colleen

Notes: Query subscription amount for UoW

Moved "That we will consider Waikato University as an organisation in future for subscriptions, and Deb will organise a refund for this year." Lyn/Mark

Deb has applied for WMA to become a charitable trust and this will be signed off shortly.

### PROFESSIONAL DEVELOPMENT:

We need a person responsible for the overall professional development of WMA. Ingrid'll help someone do it. Ask at our schools for volunteers. Otherwise it will be on the agenda every time.

Term Two:

Topic: Statistics

Presenters: Phil Doyle (promote with departments), Sashi Sharma, Judy Bailey, Ann Leach

Date: Thursday 27<sup>th</sup> of May (week 6)

Venue: Sacred Heart College (Parking limited, use Cook St or Firth St. Use Science Lab door off Firth St, not main entrance)

4-4:30 socialise with light nibbles

4:30 – 6:30pm PD

This is a combined primary, intermediate and secondary event. Flier (tabled at meeting) will go out in about week 4. Primary and intermediate workshops will be limited to 30 each. Schools must join WMA to be eligible. Lyn will deal with problems of too many numbers from one school if necessary.

Colleen and Lyn will liaise by email regarding food for this PD. Good feedback on food at last PD – slight over catering (intentional).

Suggestions to Lyn for thank you gift for workshop speaker(s): bottle of wine? Movie passes?

Whitcoulls vouchers? Westfield vouchers.

Term Three:           Topic: NZC  
                          Presenters: Will investigate further  
                          Venue: ?

### **SCHOLARSHIP DAYS:**

Ingrid Rinsma has taken over the organisation of this event.

Ian, Nick and Ingrid present Calculus. Anna (from Avondale), Stephen (new university lecturer – Ian suggests) and perhaps Mr Ellwood (Tauranga Boys? – Ann suggests) present Stats.

Westfield vouchers, petrol vouchers (get from MTA) and 2 days relief (1 for prep) to pay Anna.

Ingrid will prepare a budget and get quotes for catering (Liaise with Deb). This meeting set \$10 maximum for cost per student. Lyn will email plan for approval.

Emphasise that this is SCHOLARSHIP LEVEL in mailout.

### **WAIMATHS:**

Thursday 12 August 2010.

2 sheets of rules tabled at meeting. If no teams finish, tiebreakers will still be necessary if winners have even scores.

Make last 2 questions hard.

(Contact Ruth Love for replacement sets of past questions. Also can write to Canterbury Maths Association for their past questions on disc. Also Wellington Maths Association, but they don't use calculators in their competition)

Think about whether we should ban calculators in future. Perhaps for years 7 and 8? Past questions would then be redundant.

Proofreaders for the questions were organised.

A4 Waimaths posters distributed at this meeting to save postage. These will also be available at the term 2 PD.

### **GRANTS FOR WMA MEMBERS:**

A proposed flyer for the Auckland Stats and Calc day was discussed.

Move that 'the WMA will sponsor one person for up to \$2000 (prefer \$1500) to the 2010 MAV conference in December.'

Lyn/Ruth

A small committee made up of people who have attended the conference in past years will make the overall decision of the attendee.

### **NZC/NCEA ALIGNMENT WORKSHOPS**

Maths Advisor newsletter has dates for four 4-hour workshops for secondary middle leaders, starting near end of this term and finishing in October.

1. New Achievement Standards (especially numeric reasoning one) with a trialled task and student work. A/M/E judgements.
2. Statistics – making sense of data. Trialled assessment task and student work for making A/M/E judgements.
3. Numeracy (and Literacy) Standards with a draft assessment and student work.
4. Putting a programme together for Level 1 NCEA.

Ann is running the North Waikato and South Waikato workshops.

Ann will put something on paper and Lyn will contact schools for feedback re time of day and possibly rescheduling some in holidays or Saturdays to decrease release costs.

Unless trials show up major problems the draft standards will not change much.

### **NZAMT**

Keep an eye on the SecQuals: S2009/044, S2010/010 and S2010/011 circulated at meeting.

Unit standard courses could (and maybe should) continue next year. NZAMT will not be able to get their alternative course (incorporating numeracy standards and some easy standards in a theme-based course) running by next year.

Beware that old internal achievement standards could clash with new externals. Phone 0800 number on SecQual to clarify if in doubt.

To get subject endorsements students must have done both internals and externals. Consider this when planning courses. (eg Cambridge with NCEA externals only will not gain endorsement)

Check page 11 of the 19<sup>th</sup> of April Education Gazette. NZQA are trialling a new marking system for the external exams. This is to give a more accurate description of the student's achievement. For example: Three questions in a paper. Each question will be marked out of 8.

0	N1	N2	A3	A4	M5	M6	E7	E8
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Total is out of 24

$\frac{1}{4}$  of 24 +1 → 7, 8, 9, 10, 11, 12 is achieved

$\frac{1}{2}$  of 24 +1 → 13, 14, 15, 16, 17, 18 is merit

$\frac{3}{4}$  of 24 + 1 → 19, 20, 21, 22, 23, 24 is excellence

### **GENERAL BUSINESS:**

Ann: the new Numeracy Standards are holistic, pulling evidence from other subjects etc, not just tests. These will be registered November 2010. Students will be able to get numeracy from 8489 etc next year.

See memorandum to principals TODAY about Literacy and Numeracy Requirements...

There will be 3 unit standards retained, but they will not count for NCEA Level 1. Instead long term vision will be required to work towards a future qualification from an outside provider.

Lyn: handed out "year 1-8 Mathematics Standards" posters. Up to 50 free copies per school of how the standards, numeracy and curriculum align are available from 0800 660 662 (item # 11475).

There is a National Standards booklet for the numeracy standards (examples of problems they should be able to do).

Meeting Closed 6.10pm