

THE MATHEMATICAL ASSOCIATION OF VICTORIA

ANNUAL
REPORT
2014 - 2015

ABN 34 004 892 755



THE MATHEMATICAL
ASSOCIATION OF VICTORIA

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This Annual Report of the Mathematical Association of Victoria was presented to the members at the Annual General Meeting held on Tuesday, 12 May 2015 at Courtroom One, Old Melbourne Gaol, 377 Russell Street, Melbourne.

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PRESIDENT'S REPORT

As President I have always believed that strategic planning and leadership should lie at the core of the work of the MAV Council. This is why I begin my reports to the Annual General Meeting of members with the vision, mission and goals of the Association as your Council uses these to shape their work for the year:

Valuing Mathematics in Society

The MAV is a membership-driven not-for-profit association which provides a voice, leadership and professional support for mathematics education. Its mission is the promotion of the mathematical sciences and to advocate for the continual review and improvement of mathematics education and the profession of mathematics teaching.

The MAV aims to achieve this mission by

- celebrating excellence in the mathematical sciences and in mathematics education,*
- promoting the importance of mathematics in careers and daily life,*
- being a leading voice in mathematics education,*
- supporting mathematics teachers and educators,*
- listening and responding to members and the broader mathematics community about their professional needs,*
- defining the profession of the mathematics educator,*
- promoting best practice in mathematics education, and*
- influencing policy and practice in mathematics education.*

The 2014/15 year has been very rewarding. For the work they have done over the past 12 months I would like to thank the Executive: Allason McNamara, Immediate Past President and now President Elect of the Australian Association of Mathematics Teachers (AAMT); Michelle Huggan, Vice President; Ahmad Samarji, Vice President; Elizabeth Burns, Secretary and Max Stephens, Treasurer, as well as the rest of the Council Jim Spithill, AAMT councillor; Linda Baron, Rhys Coulson; Trish Jelbart; Rhiannon Lowrey; June Penney; Frances Sidari; and Julie Tillyer.

This year council farewells Michelle Huggan who has served with distinction ably presiding over the December Conference as well as contributing her considerable expertise in many other ways. She will be greatly missed but will remain connected as part of the MAV family. We also farewell Ahmad Samarji who has contributed over a number of years and oversaw the revising of the journals. He was a valued member of council but he has taken a post overseas where others will now benefit from his considerable energy, expertise and commitment to mathematics education. We wish him well.

Congratulations are in order for Allason McNamara who was elected as President Elect of AAMT. She serves one year in this post before becoming President. We know from experience her excellence in leadership as she was

President of the MAV and we wish her well in her new role. She will be remaining on council and thus, along with Jim Spithill, our AAMT councillor, will provide a strong link to AAMT, our peak body. We are all members of AAMT and know that a really strong national mathematics education organisation is important for advocacy and cooperation across the country. There are many interesting projects at the moment of which AAMT is a partner and it is well worth regularly visiting their website which provides excellent opportunities for learning, information sourcing and networking. Drop in to look at the Top Drawer for instance or join one of the mathematics education communities through the AAMT website.

One of the highlights of the year has been the further development of a number of funded projects and new projects beginning: *Gambling issues - research on mathematics and other teaching related to gambling attitudes and behaviours* project has been given further supplementary funding; Meeting diverse student mathematical learning needs; Nurturing and Sustaining TEAM:P through the innovative use of digital technologies; and Stimulating Workshops for Rural Year 9 and 10 Students who are gifted or talented in mathematics.

The partnership the MAV has had with the Victorian Association for the Teaching of English (VATE) through TEAM:P came to an end when VATE withdrew from the partnership but the council has decided to continue to offer support for English language learning alongside mathematics learning so that support for those schools will continue in both areas. The Department of Education and Training (DET) has continued its support of the program.

During this past year the MAV has also been looking at mathematics education in early childhood. Free membership was offered to Early Childhood sites with a request that they work with our staff to establish needs in the area with which the MAV can assist. Jennifer Bowden has been working with others in this area to develop further MAV offerings.

Science, technology, engineering and mathematics (STEM) has become an international focus. For mathematics this really focuses on applications across the other domains and effective use of technology. We have been planning a STEM event and inclusion of targeted STEM sessions at the conference. We would encourage teachers who have run STEM activities in their schools with mathematics included to share these via the journals and newsletters. Journal articles do not have to be long and there is a great deal of value in teachers sharing their experiences.

Another development planned is a study tour which offers some exciting opportunities. Keep an eye out for this being advertised.

The VCE Revision lectures continue to be successfully run in venues across the State. Once again thank you to the MAV office and a special thank you to Helen Haralambous for organising such events and to the MAV members who have provided the lectures. There are some future developments in this area that will be announced in the near future.

The MAV shop online has been developing a new look and streamlined operations which will also make membership renewal simpler in future. It has

taken longer than planned to get the IT fully and effectively operational but it will have benefits to all members. The MAV stand at the Conference was highly successful and there are many excellent and new resources on offer.

There were 1,741 bookings for the 2014 conference. Congratulations must go to Julie Allen and Lana Allan of The Full Pretzel team, as well as Michelle Huggan, the Convenor, all of the committee, and Michael Green, Darinka Rob and Zofia Wiacek for helping behind the scenes .

The Student Activities committee ran some very successful events. The Maths Talent Quest continues to provide an opportunity and encouragement for students to participate in mathematics applied to the real world. There were many excellent projects across the age ranges and presenting a variety of mathematics in application. The Awards ceremony was a very professional event and was well received by both students and proud parents. This year the MAV again hosted the National Awards. In addition, the State-wide Games Days were fully booked and enjoyed by all.

I have highlighted only some of the work of the year. There have been submissions written, professional development and other projects as well as the general day to day ongoing business of the MAV. There have been really interesting public lectures and MAV has participated in other events such as career's days. It has been a very full and exciting year.

As you will read in other sections of this Annual Report, all of the MAV's Mathematics Education Consultants, ably supported by the MAV's administrative staff, have made a wonderful contribution to our work over the last twelve months. It is a measure of their standing that Ian Lowe, Jennifer Bowden, Helen Haralambous, and Ellen Corovic, have experienced significant success in winning contracts from DET, Education Services Australia and elsewhere to deliver mathematics education professional learning programs and model best practice mathematics teaching across Victoria.

Lastly I would like thank Simon Pryor for running the office so smoothly, and reviewing and improving its day-to-day activities. The number of projects and events with which the MAV is involved, the number of people reached by those events and the number of visitors to the website all speak eloquently for Simon Pryor's foresight and vision.

In the year 2015/16 we face many challenges, including the implementation of the new VCE study design and developments on the national curriculum and assessment. I look forward to sharing these challenges with our new president and such a dedicated and talented team.

MARJ HORNE
President

THE MATHEMATICAL ASSOCIATION OF VICTORIA

A.C.N. 004 892 755

FINANCIAL REPORT FOR THE YEAR ENDED 31 JANUARY 2015

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Disclaimer of opinion on detailed income
statement

Detailed Income Statement

DIRECTORS' REPORT

Your directors present this report on the entity for the financial year ended 31 January 2015.

Directors

The names of each person who has been a director during the year and to the date of this report are:

Ms Linda Baron	Ms June Penney
Ms Elizabeth Burns	Dr Ahmad Samarji
Mr Rhys Coulson	Ms Francesca Sidari
Dr Marjorie Horne	Mr James Spithill
Ms Michelle Huggan	Dr Max Stephens
Ms Patricia Jelbart	Ms Julie Tillyer
Ms Allason McNamara	Ms Rhiannon Lowrey (from 15 May 2014)

Directors have been in office since the start of the financial year to the date of this report unless otherwise stated.

Company Secretary

The following person held the position of entity secretary at the end of the financial year:

Mr Simon Pryor - Chief Executive Officer

Principal Activities

The principal activities of the entity during the financial year were the provision of services aimed at promoting mathematics within the community. No significant change in the nature of these activities occurred during the period.

Operating Results

The operating loss for the year ended 31 January 2015 was \$88,411 (2014: Operating profit \$60,980).

Dividends Paid or Recommended

No dividends were paid or declared since the start of the financial year. No recommendation for payment of dividends has been made.

Review of Operations

The results of the operations of the entity during the financial year reflect decisions taken by Directors to further refine the mix of the entity's services within the ongoing framework of strategic planning and priority setting.

DIRECTORS' REPORT

Significant Changes in State of Affairs

No significant changes in the nature of the entity's activity occurred during the financial year.

After Balance Date Events

No matters or circumstances have arisen since the end of the financial year which significantly affected or may significantly affect the operations of the entity, the results of those operations, or the state of affairs of the entity in future financial years.

Future Developments

The entity expects to maintain the present status and level of operations and hence there are no likely developments in the entity's operations.

Environmental Issues

The entity's operations are not regulated by any significant environmental regulation under a law of the Commonwealth or of a state or territory.

Options

No options over issued shares or interests in the entity were granted during or since the end of the financial year and there were no options outstanding at the date of this report.

Information on Directors

Ms Linda Baron <i>Qualifications</i>	Director <i>Teacher</i>	Ms Allason McNamara <i>Qualifications</i>	Past President <i>Teacher</i>
Ms Elizabeth Burns <i>Qualifications</i>	Secretary <i>Teacher</i>	Ms June Penney <i>Qualifications</i>	Director <i>Teacher</i>
Mr Rhys Coulson <i>Qualifications</i>	Director <i>Teacher</i>	Dr Ahmad Samarji <i>Qualifications</i>	Vice President <i>University Lecturer</i>
Dr Marjorie Horne <i>Qualifications</i>	President <i>University Lecturer</i>	Ms Francesca Sidari <i>Qualifications</i>	Director <i>Teacher</i>
Ms Michelle Huggan <i>Qualifications</i>	Vice President <i>Teacher</i>	Mr James Spithill <i>Qualifications</i>	Director <i>Teacher</i>
Ms Patricia Jelbart <i>Qualifications</i>	Director <i>Teacher</i>	Dr Max Stephens <i>Qualifications</i>	Treasurer <i>University Lecturer</i>
Ms Rhiannon Lowrey <i>Qualifications</i>	Director <i>Teacher</i>	Ms Julie Tillyer <i>Qualifications</i>	Director <i>Teacher</i>

The Mathematical Association of Victoria

ACN 004 892 755

DIRECTORS' REPORT

Meetings of Directors

During the financial year, 7 meetings of directors were held. Attendance by each director was as follows:

NAME	MEETINGS ELIGIBLE	MEETINGS ATTENDED
Linda Baron	7	7
Elizabeth Burns	7	3
Rhys Coulson	7	5
Marj Horne	7	6
Michelle Huggan	7	3
Patricia Jelbart	7	6
Rhiannon Lowrey	5	5
Allason McNamara	7	5
June Penney	7	5
Ahmad Samarji	7	0
Francesca Sidari	7	7
James Spithill	7	7
Max Stephens	7	6
Julie Tillyer	7	5

DIRECTORS' REPORT

Indemnifying Officers or Auditor

The company has paid an insurance premium to indemnify the officers acting in their capacity as officers of the company. During or since the end of the financial year, no other indemnities have been given in relation to the officers of the company.

No indemnities have been given or insurance premiums paid, during or since the end of the financial year, on behalf of the auditor of the company.

Proceedings on Behalf of the Entity

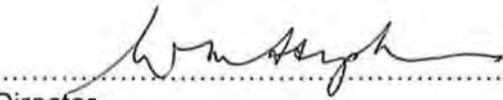
No person has applied for leave of Court to bring proceedings on behalf of the entity or intervene in any proceedings to which the entity is a party for the purpose of taking responsibility on behalf of the entity for all or any part of those proceedings.

The entity was not a party to any such proceedings during the year.

Auditor's Independence Declaration

The auditor's independence declaration for the year ended 31 January 2015 has been received and can be found on page 11 following the directors' report.

Signed in accordance with a resolution of the Board of Directors.


.....
Director

Dated this 28th day of April 2015



Hayes Knight Audit
chartered accountants · your partners in success

Hayes Knight Audit Pty Ltd
ABN: 86 005 105 975

Level 12, 31 Queen St,
Melbourne, VIC 3000

T: 03 8613 8888 F: 03 8613 8800

Email: info@hayesknightaudit.com.au

www.hayesknight.com.au

Registered Audit Company 291969

**AUDITOR'S INDEPENDENCE DECLARATION
UNDER SECTION 307C OF THE CORPORATIONS ACT 2001
TO THE DIRECTORS OF
THE MATHEMATICAL ASSOCIATION OF VICTORIA**

I declare that, to the best of my knowledge and belief, during the year ended 31 January 2015 there has been:

- i. no contraventions of the auditor independence requirements as set out in the Corporations Act 2001 in relation to the audit; and
- ii. no contraventions of any applicable code of professional conduct in relation to the audit.

Hayes Knight Audit

HAYES KNIGHT AUDIT PTY LTD
Level 12, 31 Queen Street
MELBOURNE VIC 3000

A. Wehrens

Andrew Wehrens
Director

Dated this *10th* day of *March* 2015

STATEMENT OF COMPREHENSIVE INCOME FOR THE YEAR ENDED
31 JANUARY 2015

	Notes	2015 \$	2014 \$
Revenue	2	1,390,611	1,463,117
Employee benefits expenses		(487,311)	(446,002)
Depreciation and Amortisation expenses		(87,054)	(70,389)
Membership Expenses		(124,479)	(123,457)
Publications and Journals		(158,397)	(160,648)
Annual Conference		(330,609)	(325,099)
Student Activities		(39,736)	(25,335)
Professional Development		(69,508)	(72,458)
Other expenses		(181,928)	(178,749)
Interest expense		-	-
Profit / (Loss) from Ordinary Activities before Income Tax		(88,411)	60,980
Income Tax Expense	1 (i)	-	-
Total comprehensive income / (loss) for the year		(88,411)	60,980
Net gain on revaluation of non-current asset		129,271	-
Other comprehensive income for the year, net of tax		129,271	-
Total comprehensive income / (loss) for the year		40,860	60,980
Total comprehensive income / (loss) Attributable to Members of the Entity		40,860	60,980

The accompanying notes form part of the financial statements.

**The Mathematical Association of Victoria
ACN 004 892 755**

**STATEMENT OF CHANGES IN EQUITY
FOR THE YEAR ENDED 31 JANUARY 2015**

	Revaluation Reserve \$	Retained Profit \$	Total Equity \$
Balance at 31 January 2013	1,056,832	466,449	1,523,281
Loss attributable to the company	-	60,980	60,980
Revaluation increment	1,056,832	527,429	1,584,261
Balance at 31 January 2014	-	(88,411)	(88,411)
Profit attributable to the company	129,271	-	129,271
Balance at 31 January 2015	<u>1,186,103</u>	<u>439,018</u>	<u>1,625,121</u>

The accompanying notes form part of the financial statements.

STATEMENT OF FINANCIAL POSITION AS AT 31 JANUARY 2014

	Notes	2015 \$	2014 \$
CURRENT ASSETS			
Cash and cash equivalents	4	371,533	288,611
Trade and other receivables	5	67,307	192,524
Other current assets	6	20,473	21,601
Inventories	7	40,792	38,298
TOTAL CURRENT ASSETS		500,105	541,034
NON CURRENT ASSETS			
Property, Plant and Equipment	8	1,506,739	1,379,694
Intangibles	9	207,627	154,284
TOTAL NON CURRENT ASSETS		1,714,366	1,533,978
TOTAL ASSETS		2,214,471	2,075,012
CURRENT LIABILITIES			
Trade and other payables	10	376,408	209,291
Other Liabilities	11	108,757	182,761
Provisions	12	104,185	98,699
TOTAL CURRENT LIABILITIES		589,350	490,751
TOTAL LIABILITIES		589,350	490,751
NET ASSETS		1,625,121	1,584,261
EQUITY			
Reserves	13	1,186,103	1,056,832
Retained Profits		439,018	527,429
TOTAL EQUITY		1,625,121	1,584,261

The accompanying notes form part of the financial statements.

STATEMENT OF CASH FLOWS FOR THE YEAR ENDED 31 JANUARY 2015

	Notes	2015 \$	2014 \$
Cash Flows from operating activities			
Receipts from customers, members and grants		1,438,784	1,527,430
Payments to suppliers and employees		(1,220,731)	(1,295,242)
Interest Received		3,040	3,180
Net cash from / (used in) operating activities		<u>221,093</u>	<u>235,368</u>
Cash flow from financing activities			
Net cash used in Financing Activities		<u>-</u>	<u>-</u>
Cash flows from investing activities			
Payment for plant and equipment		(8,060)	(7,970)
Payment for software		(130,111)	(71,958)
Net cash used in investing activities		<u>(138,171)</u>	<u>(79,928)</u>
Net increase / (decrease) in cash held		82,922	155,440
Cash at the beginning of the financial year		288,611	133,171
Cash at the end of the financial year		<u>371,533</u>	<u>288,611</u>

NOTE TO THE STATEMENT OF CASH FLOWS

Reconciliation of cash flow from operations with profit after income tax

Operating profit / (loss) after income tax	(88,411)	60,980
Depreciation and amortisation	87,054	70,389
Changes in assets and liabilities:		
- Decrease/(Increase)in Trade and Other Receivables	125,217	34,295
- Decrease / (increase) in prepayments	1,128	(16,447)
- Decrease in inventories	(2,494)	409
- Increase / (decrease) in income received in advance	(74,004)	33,198
- Increase in provisions	5,486	9,298
- Increase / (decrease) in trade and other payables	167,117	43,246
	<u>221,093</u>	<u>235,368</u>

The accompanying notes form part of the financial statements.

NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 JANUARY 2015

1. STATEMENT OF SIGNIFICANT ACCOUNTING POLICIES

Note 1: Summary of Significant Accounting Policies

The Directors have prepared the financial statements on the basis that the company is a non-reporting entity because there are no users who are dependent on its general purpose financial reports. These financial statements are therefore a special purpose financial report that has been prepared in order to meet the requirement of the *Corporations Act 2001*.

The financial statements have been prepared in accordance with the mandatory Australian Accounting Standards applicable to entities reporting under the *Corporations Act 2001* and the significant accounting policies disclosed below, which the directors have determined are appropriate to meet the need of members. Such accounting policies are consistent with the previous period unless stated otherwise.

The financial statements have been prepared on the accruals basis and are based on historical costs unless otherwise stated in the notes. The accounting policies that have been adopted in the preparation of this report are as follows:

Accounting Policies

A. Revenue

- (i) Revenue from the sale of goods is recognised upon the delivery of goods to customers.
- (ii) Revenue from the rendering of a service is recognised upon the delivery of the service to the customers.
- (iii) Grant and Sponsorship revenue is recognised in the income statement when it is controlled. When there are conditions attached to grant revenue relating to the use of those grants for specific purposes it is recognised in the balance sheet as a liability until such conditions are met or services provided.
- (iv) Membership Fees are recognised when invoiced.
- (v) Interest revenue is recognised using the effective interest rate method, which, for floating rate financial assets is the rate inherent in the instrument.

All revenue is stated net of the amount of goods and services tax (GST).

B. Inventories

Inventories are measured at cost, adjusted when applicable for any loss of service potential.

NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 JANUARY 2015

1. STATEMENT OF SIGNIFICANT ACCOUNTING POLICIES (CONT'D)

C. Property, Plant and Equipment

Each class of property, plant and equipment is carried at cost or fair values as indicated, less, where applicable, accumulated depreciation and impairment losses.

Property

Freehold land and buildings are shown at their fair value determined by the directors from advice and information obtained in relation to local property prices.

Increases in the carrying amount arising on revaluation of land and buildings are recognised in other comprehensive income and accumulated in the revaluation reserve in equity. Decreases that offset previous increases of the same class shall be recognised in other comprehensive income under the heading of revaluation surplus. All other decreases are charged to the statement of comprehensive income.

Any accumulated depreciation at the date of revaluation is eliminated against the gross carrying amount of the asset and the net amount is restated to the revalued amount of the asset.

Plant and Equipment

Plant and equipment are measured on the cost basis less depreciation and impairment losses.

The carrying amount of plant and equipment is reviewed annually by directors to ensure it is not in excess of the recoverable amount from these assets. The recoverable amount is assessed on the basis of the expected net cash flows that will be received from the assets employment and subsequent disposal. The expected net cash flows have been discounted to their present values in determining recoverable amounts.

Depreciation

The depreciable amount of all fixed assets including buildings and capitalised leased assets, but excluding freehold land, is depreciated on a straight line basis over the asset's useful life to the economic entity commencing from the time the asset is held ready for use.

The depreciation rates used for each class of depreciable assets are:

Class of Fixed Asset	Depreciation Rate
Building	2% to 12%
Plant and equipment	12% to 25%
Furniture and Fittings	9%

The assets' residual values and useful lives are reviewed, and adjusted if appropriate, at each balance sheet date.

NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 JANUARY 2015

1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONT'D)

An asset's carrying amount is written down immediately to its recoverable amount if the asset's carrying amount is greater than its estimated recoverable amount.

Gains and losses on disposals are determined by comparing proceeds with the carrying amount. These gains or losses are included in the income statement. When revalued assets are sold, amounts included in the revaluation reserve relating to that asset are transferred to retained earnings.

Impairment of assets

At each reporting date, all assets except for, inventories, assets arising from employee benefits, investment property and financial instrument assets are assessed to determine whether there is an indication of impairment. If there is an indication of impairment, the assets concerned are tested as to whether their carrying amount exceeds the recoverable amount, the difference is written-off by a charge to the Statement of Comprehensive Income except to the extent that the write-down can be debited to an asset revaluation reserve amount applicable to that class of asset.

At each reporting date, assets previously determined to be impaired are assessed for circumstances indicating that an impairment loss recognised in prior periods no longer exists or may have decreased. If there is an indication that the impairment loss has been reversed, the assets concerned are tested as to whether the recoverable amount exceeds the carrying amount, the difference not exceeding the original impairment is credited to the Statement of Comprehensive Income except for revalued assets which are credited to an asset revaluation reserve.

D. Receivables

Receivables are initially measured at fair value and subsequently measured at amortised cost using the effective interest rate method less any allowance for impairment. Any allowance for impairment is expensed through the statement of comprehensive income. Trade receivable credit terms are 30 Days.

E. Trade payables

Liabilities are recognised for amounts to be paid in the future for goods and services received, whether or not invoiced to the company. Creditors are normally settled on 30 day terms.

F. Employee Benefits

Provision is made for the entity's liability for employee benefits arising from services rendered by employees to Balance Sheet date. Employee benefits expected to be settled within one year together with benefits arising from wages, salaries and annual leave, which may be settled after one year, have been measured at the amounts expected to be paid when the liability is settled plus related on costs. Other employee benefits payable later than one year have been measured at net present value.

NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 JANUARY 2015

1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONT'D)

Contributions are made by the entity to an employee superannuation fund and are charged as expenses when incurred.

G. Cash and cash equivalents

Cash and cash equivalents include cash on hand, deposits held at-call with banks, other short-term highly liquid investments with original maturities of three months or less, and bank overdrafts.

H. Goods and Services Tax (GST)

Revenues, expenses and assets are recognised net of the amount of GST, except where the amount of GST incurred is not recoverable from the Australian Taxation Office. In these circumstances the GST is recognised as part of the cost of acquisition of the asset or as part of an item of expense. Receivables and payables in the Balance Sheet are shown inclusive of GST.

Cash flows are presented in the Cash Flow Statement on a gross basis, except for the GST component of investing and financing activities, which are disclosed as operating cash flows.

I. Income Tax

No provision for income tax has been raised, as the entity is exempt from income tax under Division 50 of the Income Tax Assessment Act 1997.

J. Intangibles

Software is recorded at cost. Software has a finite life and is carried at cost less any accumulated amortisation and impairment losses. It has an estimated useful life of between one and four years. It is assessed annually for impairment

K. Provisions

Provisions are recognised when the entity has a legal or constructive obligation, as a result of past events, for which it is probable that an outflow of economic benefits will result and that outflow can be reliably measured.

L. Comparative Figures

Where required by Accounting Standards comparative figures have been adjusted to conform with changes in presentation for the current financial year.

M. Critical Accounting Estimates and Judgments

The directors evaluate estimates and judgments incorporated into the financial report based on historical knowledge and best available current information. Estimates assume a reasonable expectation of future events and are based on current trends and economic data, obtained both externally and within the company.

The Mathematical Association of Victoria
ACN 004 892 755

NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 JANUARY 2015

	2015 \$	2014 \$
2. REVENUE OPERATING ACTIVITIES		
Membership Fees	335,825	329,985
Seminars and Conferences	511,677	497,433
Talent and Student Activities	41,566	49,103
Publications and Solutions	247,361	345,511
Professional Development	147,486	111,368
Grants and Sponsorships	90,630	105,323
	<u>1,374,545</u>	<u>1,438,723</u>
Non-operating Revenue:		
Interest	3,040	3,180
Miscellaneous	13,026	21,214
	<u>1,390,611</u>	<u>1,463,117</u>
3. PROFIT FROM OPERATING ACTIVITIES		
Profit from operating activities after charging:		
Depreciation of:		
- Buildings	5,882	5,925
- Furniture, Fittings and Equipment	4,404	6,493
Amortisation – Software	76,768	57,971
Auditors Remuneration:		
- Auditing the Accounts	6,000	6,000
- Other Services	2,285	1,700
- Under provision prior year	400	3,200
Provision for Long Service Leave	6,177	9,298
4. CASH AND CASH EQUIVALENTS		
Cash at Bank	370,733	287,811
Cash on Hand	800	800
	<u>371,533</u>	<u>288,611</u>
5. TRADE AND OTHER RECEIVABLES		
Trade Accounts Receivables	67,307	192,524
Less Provision for Doubtful Debts	-	-
	<u>67,307</u>	<u>192,524</u>

The Mathematical Association of Victoria
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NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 JANUARY 2015

	2015	2014
	\$	\$
6. OTHER CURRENT ASSETS		
Prepayments	<u>20,473</u>	<u>21,601</u>
7. INVENTORIES		
Publications	<u>40,792</u>	<u>38,298</u>
8. PROPERTY, PLANT AND EQUIPMENT		
Freehold Land		
At Directors Valuation 24 July 2014	1,186,103	-
At Directors Valuation 16 July 2012	-	1,056,832
	<u>1,186,103</u>	<u>1,056,832</u>
Building		
At Cost	479,270	479,270
Accumulated Depreciation	<u>(175,373)</u>	<u>(169,491)</u>
	303,897	309,779
	<u>1,490,000</u>	<u>1,366,611</u>
Plant, Equipment, Furniture and Fittings- at cost	289,671	281,611
Accumulated Depreciation	<u>(272,932)</u>	<u>(268,528)</u>
	16,739	13,083
	<u>1,506,739</u>	<u>1,379,694</u>
As at 24 July 2014 the Directors valued the entity's property at 61 Blyth Street, Brunswick at \$1,490,000. The Directors when considering the revaluation took into account local real estate market prices.		
9. INTANGIBLE ASSETS		
Software:		
At cost	503,285	373,174
Accumulated Amortisation	<u>(295,658)</u>	<u>(218,890)</u>
	<u>207,627</u>	<u>154,284</u>

NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 JANUARY 2015

	2015 \$	2014 \$
10. TRADE AND OTHER PAYABLES		
Trade Creditors	271,937	118,063
Employee Benefits – Annual Leave	60,494	49,170
GST Payable	16,488	23,120
Accrued Expenses	7,700	8,496
Other Liabilities	19,789	10,442
Sundry Creditors and Accruals	376,408	209,291
11. OTHER LIABILITIES		
Memberships received in advance (net of subscriptions)	108,757	182,781
12. PROVISIONS		
Current:		
Employee Benefits – Long Service Leave	104,185	98,699
13. ASSET REVALUATION RESERVE		
Movements during the year		
Opening balance	1,056,832	1,056,832
Revaluation increment on freehold land and building – 61 Blyth Street, Brunswick	129,271	-
Closing balance	1,186,103	1,056,832

14. EVENTS AFTER THE BALANCE DATE

There were no events after the balance date that should be brought to account in the financial report at 31st January 2015.

15. ENTITY DETAILS

The registered office and principal place of business of the company is:

Cliveden
61 Blyth Street
BRUNSWICK VIC 3056

16. MEMBERS' GUARANTEE

The entity is incorporated under the Corporations Act 2001 and is a company limited by guarantee. If the company is wound up, the constitution states that each member is required to contribute a maximum of \$20 each towards meeting any out-standings and obligations of the company. At 31 January 2015 the number of members was 1,387 (2014: 1,443).

DIRECTORS' DECLARATION

The directors have determined that the company is not a reporting entity and that these special purpose financial statements should be prepared in accordance with the accounting policies described in Note 1 to the financial statements.

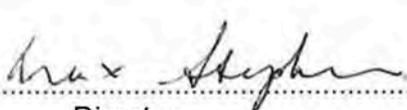
The directors of the company declare that:

- (a) The accompanying financial statements and notes are in accordance with the Corporations Act 2001 and
 - i) comply with Accounting Standards; and
 - ii) give a true and fair view of the financial position as at 31 January 2015 and of the performance for the year ended on that date in accordance with the accounting policies described in Note 1 of the financial statements; and

- (b) In the directors opinion there are reasonable grounds to believe that the company will be able to pay its debts as and when they become due and payable.

This declaration is made in accordance with a resolution of the Directors


.....
Director


.....
Director

Dated this 28th day of April 2015



Hayes Knight Audit
chartered accountants · your partners in success

Hayes Knight Audit Pty Ltd
ABN: 86 005 105 975

Level 12, 31 Queen St,
Melbourne, VIC 3000

T: 03 8613 8888 F: 03 8613 8800

Email: info@hayesknightaudit.com.au

www.hayesknight.com.au

Registered Audit Company 291969

**INDEPENDENT AUDITOR'S REPORT
TO THE MEMBERS OF
THE MATHEMATICAL ASSOCIATION OF VICTORIA**

ACN 004 892 755

Report on the Financial Report

We have audited the accompanying financial report, being a special purpose financial report of The Mathematical Association of Victoria, which comprises the statement of financial position as at 31 January 2015, the statement of profit or loss and other comprehensive income, statement of changes in equity and statement of cash flows for the year then ended, notes comprising a summary of significant accounting policies and other explanatory information, and the directors' declaration.

Directors' Responsibility for the Financial Report

The directors of the association are responsible for the preparation of the financial report that gives a true and fair view and have determined that the basis of preparation described in Note 1 to the financial report is appropriate to meet the requirements of the *Corporations Act 2001* and is appropriate to meet the needs of the members. The directors' responsibility also includes such internal control as the directors determine is necessary to enable the preparation of a financial report that gives a true and fair view and is free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on the financial report based on our audit. We conducted our audit in accordance with Australian Auditing Standards. Those standards require that we comply with relevant ethical requirements relating to audit engagements and plan and perform the audit to obtain reasonable assurance about whether the financial report is free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial report. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the financial report, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the company's preparation of the financial report that gives a true and fair view in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the association's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by the directors, as well as evaluating the overall presentation of the financial report.

Independence

In conducting our audit, we have complied with the independence requirements of the *Corporations Act 2001*. We confirm that the independence declaration required by the *Corporations Act 2001*, which has been given to the directors of The Mathematical Association of Victoria, would be in the same terms if given to the directors as at the time of this auditor's report.

**INDEPENDENT AUDITOR'S REPORT (cont'd)
TO THE MEMBERS OF
THE MATHEMATICAL ASSOCIATION OF VICTORIA
ACN 004 892 755**

Opinion

In our opinion the financial report of The Mathematical Association of Victoria is in accordance with the *Corporations Act 2001*, including:

- (c) giving a true and fair view of the company's financial position as at 31 January 2015 and of its performance for the year ended on that date; and
- (d) complying with Australian Accounting Standards to the extent described in Note 1 and the *Corporations Regulations 2001*.

Basis of Accounting

Without modifying our opinion, we draw attention to Note 1 to the financial report which describes the basis of accounting. The financial report is prepared for the purpose of fulfilling the directors' financial reporting responsibilities under the *Corporations Act 2001*. As a result, the financial report may not be suitable for another purpose.

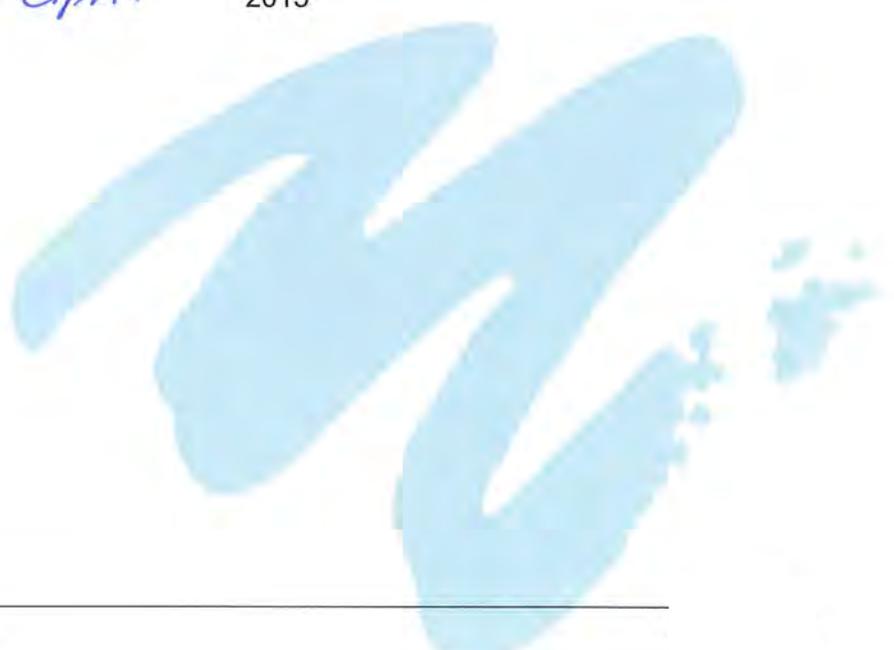
Hayes Knight Audit

HAYES KNIGHT AUDIT PTY LTD
Level 12, 31 Queen Street
MELBOURNE VIC 3000

A. Wehrens

Andrew Wehrens
Director

Dated this *30th* day of *April* 2015





Hayes Knight Audit
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ABN: 86 005 105 975

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Melbourne, VIC 3000

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Registered Audit Company 291969

**DISCLAIMER OF OPINION ON
DETAILED INCOME AND EXPENDITURE STATEMENT
FOR THE YEAR 31 JANUARY 2015**

The detailed income and expenditure statement presented on the following page is in accordance with the books and records of the company which have been subjected to the auditing procedures applied in our statutory audit of the company for the period ended 31 January 2015.

It will be appreciated that our statutory audit did not cover all details of the additional financial data. Accordingly, we do not express an opinion on such financial data and no warranty of accuracy or reliability is given.

Neither Hayes Knight Audit Pty Ltd nor any of its members or employees undertakes responsibility in any way whatsoever to any person (other than the directors) in respect of such data, including any errors or omissions therein, however caused.

Hayes Knight Audit

A. Wehrens

HAYES KNIGHT AUDIT PTY LTD
Level 12, 31 Queen Street
MELBOURNE VIC 3000

Andrew Wehrens
Director

Dated this *30th* day of *April* 2015

**DETAILED INCOME AND EXPENDITURE STATEMENT
FOR THE YEAR ENDED 31 JANUARY 2015**

	2015	2014
INCOME		
Conference – December	511,677	497,433
Membership Fees	335,825	329,985
Publications and Solutions	247,361	345,511
Talent Quest and Student Activities	41,566	49,103
Interest Received	3,040	3,180
Professional Development	147,486	111,368
Grants and Sponsorships	90,630	105,323
Miscellaneous Income	13,026	21,214
	<u>1,390,611</u>	<u>1,463,117</u>
EXPENDITURE		
Advertising and Promotion	23,190	20,383
Affiliation Fees	102,862	95,962
Auditor's Remuneration	8,685	10,900
Bank Charges	4,369	4,315
Catering Expenses	98,060	87,113
Cleaning	11,771	10,300
Consultants and Presenters	206,921	198,891
Courier Service	2,060	891
Depreciation and Amortisation	87,054	70,389
Equipment Rental	62,998	63,719
Facilities – External	47,705	49,960
Heat, Light and Power	4,987	5,763
Insurance	13,896	13,584
Interest expense	-	-
Legal Fees	1,244	-
Long Service Leave	6,177	9,298
Office Expenses	1,658	2,434
Postage and Fax	22,654	19,446
Publications, Printing and Stationery	134,548	167,710
Rates and Taxes	4,584	3,998
Repairs and Maintenance	3,061	4,437
Royalties and Authors Fees	75,291	48,775
Staff and Members Amenities	8,067	9,375
Staff Training	1,263	5,872
Subscriptions	4,355	7,226
Superannuation Contributions	40,599	35,788
Telephone	21,973	21,806
Travelling and Accommodation	36,949	33,640
Wages	438,665	398,351
Workcover	3,376	1,811
	<u>1,479,022</u>	<u>1,402,137</u>
Profit / (Loss) from ordinary activities	<u>(88,411)</u>	<u>60,980</u>

ANNUAL CONFERENCE

COMMITTEE MEMBERS

Michelle Huggan (Convenor)	Ann Downton	Adria Quinn
Julie Allen (The Full Pretzel)	Leicha Bragg	Frances Sidari
	Trish Jelbart	Leigh Thompson
	Narissa Leung	Tin Lam Toh

Strategic Objective: Growth of the pre-eminent Asia Pacific mathematics education annual conference.

The 2014 annual conference “Maths Rocks!” was a great success. Once again we were privileged to have a wide variety of presentations for our delegates to attend and this year it was exciting to see a large number of people make their debut presentation at our Annual Conference, including several presenters from the Early Childhood sector.

My thanks go to The Full Pretzel, our hard working conference committee, the MAV staff and to all those people who committed their time, energy and expertise to presenting such high quality, thought provoking sessions.

There were 426 sessions offered to our 1,741 participants this year. The conference saw a rise in the number of presentations around the inclusion of technology and web-based learning in the teaching and learning of Mathematics and the committee made a conscious decision to cater for interest in this area through several of the keynote speakers.

The opening ceremony this year took a different spin with a panel discussion on Reinvigorating Maths in the Classroom from 3 very different perspectives. Narissa Leung - a Primary School Principal; Michael Woods - an IT games designer; and Paul Swan – a teacher, University lecturer and school advisor. Our thanks also go out to Peter Sullivan from Monash University for keeping the discussion going and the discussion on track.

Dr Andrew Prentice took us on a journey in our closing ceremony into the Solar System.

Conference Attendance

We were very happy to have 1,741 delegates at the conference this year. The percentage of participants identifying in the various stages of schooling were as follows: 398 from P-12 schools, 192 from Primary schools, 877 from Secondary schools, 76 from Tertiary Institutions and the remaining 198 from other sectors. Of the 1,741 delegates, 73 came from interstate and 41 people travelled from overseas to be with us.

MICHELLE HUGGAN

PROFESSIONAL LEARNING

COMMITTEE MEMBERS

Linda Baron (Convenor)	Johnson Alagappan	Jennifer Palisse
Helen Haralambous (Executive Officer to the Committee)	Kerryn Driscoll	Duncan Symons
	Trish Jelbart	
	Carmen Morgan	

MAV Mathematics Education Consultants:

Jennifer Bowden, Ellen Corovic, Helen Haralambous, Ian Lowe.

Overview

The Mathematical Association of Victoria (MAV) continues to maintain a 'diversified and flexible staffing profile' of Mathematics Education Consultants (primary and secondary) on varying time fractions. We describe them as 'Mathematics Education Consultants'. They are experienced, committed and dynamic in their roles. They support and facilitate 'best quality' mathematics learning for teachers and students in schools and service the broader community as required; working tirelessly in their respective roles.

They offer a 'diverse' range of professional development programs and events in response to school based needs and DET guidelines. Programs have included primary and secondary schools (including programs for years 7-10 and VCE), throughout metropolitan Melbourne and also in regional areas of Victoria.

Helen Haralambous continues to act as Executive Officer to the Professional Development Committee. She has done a wonderful job liaising between the professional development staff and the Professional Development Committee, working hard to promote a smooth flow of communication. The committee meets with Helen once a term which has greatly facilitated communication and reporting back procedures to MAV council.

As part of the Professional Development role MAV Education Consultants:

- Organise, lead, facilitate and evaluate Professional Development programs and events
- Provide modeled teaching and coaching to teachers
- Subcontract and organise 'external' presenters as required
- Manage projects in relation to their respective roles, including completing relevant administrative tasks for these projects and general administrative tasks.;
- Work on a range of contracted writing tasks including MAV publications (e.g. trial papers);
- Provide assistance to member schools and individuals; and
- Support Student Activities across the state.

EVALUATION

Achievements include:

- 'Mathematics Professional development. We Are There For You.' This includes 'Mathematics Education Consultants' providing focused support in areas of:
 - Don't leave your school (F-10),
 - Key improvement strategies,
 - VCE SAC events,
 - VCE Meet the Examiners,
 - Introduction of a whole day VCE PD event in 2014 (mini conference for VCE)
 - Designing specialised professional learning programs – see us more often
 - Promoting the use of the MAV Education Centre as a venue.
 - Ongoing collaborative projects across schools building teacher capacity.
- Targeted audiences include primary, post primary, VCE, individual schools and networks. Categories for Professional development include Primary and middle years, Secondary and VCE, Primary and Secondary. An added dimension includes possible sharing of curriculum days and 'share by video conference' for professional development collaborations and networking by teachers.
- Professional development has been delivered to schools and teachers from Prep to Year 12 across Melbourne and regional Victoria including Team: P events.
- Supporting organization of a mini conference in Bendigo (LaTrobe University) with the piloting of a 'Bendigo sub –branch' of MAV.
- The MAV Annual Conference continues to be the premiere event for Mathematics learning and professional development on the national conference calendar.
- Advertising has been well coordinated and very successful through the use of the MAV website, MAV List, the Common Denominator and the MAV Annual Conference.
- The MAV office, local and regional venues including schools, have been used to reach a wide ranging target audience, making mathematics professional development accessible to a wide range of schools across Victoria.
- The Professional Development Committee meet once a term throughout the year and has liaised in an advisory capacity with Mathematics Education Consultants to facilitate communication, reflection and evaluative processes.
- Applications for externally funded programs have continued to be very successful and we thank both our staff and our wonderful CEO Simon

Pryor for their efforts on our behalf. Funded programs have included the Partnerships for Learning (for MADDS project) Strategic Partnerships Program and the Telematics Trust Grant resulting in an ICT learning aid (APP) aimed for secondary student use being developed. The Partnerships For Learning MADDS project involved professional development across 32 days in schools.

- Successful funding applications for the Strategic Partnership Program 2015 – 2017 projects have included (1) Online Games, (2) MTQ and Communities and (3) Stimulus workshops for rural Year 9 & 10 students who are gifted in Mathematics
- VCE Events including VCE revision lectures, SACS Evenings, Meet the Examiner, including some delivered via Polycom video conference.
- Secondary Professional Development in 2014 included the implementation of AusVELS and assessment and reporting.
- Professional Development delivered across the primary and secondary sector also included Maths Talent Quest and Statewide Mathematics Games Days. MTQ PD, included 4 Victorian and 2 WA PD sessions
- The MAV Mathematics Education Consultants have continued to support schools with student activity events including the Maths Talent Quest and Statewide Mathematics Games Days, Family Maths nights, and in school student extension programs
- Journal contributions and articles by MAV Education Consultants continue.
- Advertising of Maths Active schools where we recognize and support schools who demonstrate effective learning and teaching practices in mathematics continues.
- Curriculum planning development, which has included The MAV resource 'Teach Maths For Understanding'. This continues to be advertised on the MAV Website and promoted as a resource at all PD involving AC (Australian Curriculum), AusVELS and Curriculum planning.
- Maths 300 in collaboration with ESA. (Education Services Australia) (Regional and metropolitan Melbourne)
- Appy Hour - presentations by Nicola Yelland and Monique Sheehy
- Social media webinars Conversations: "Social media for professional learning & teaching" with Megan Lemma

Areas for consideration and review:

- Regular meetings of the professional development committee need to continue to sustain strong partnership and communication links with members, the PD Executive Officer to the Professional Development Committee and staff.
- Future advertising for 'Mathematics Professional Development: We are there for you' needs to continue to be inclusive of targeted advertising language to cater for specialist school programs e.g. middle years, inquiry learning, baccalaureate schools.

- Given DET's (Department of Education and Training) continued directions for autonomy of schools and self regulation of their professional development, we need to continue to strategically advertise and demonstrate that MAV is at the forefront of Mathematics education.
- MAV needs to continue to be seen as the 'preferred and essential service provider' for mathematics learning for teachers in schools
- Marketing or seeking opportunities for partnerships and external funding for projects as they become available needs to continue.
- This is facilitated by our CEO showing great leadership, seeking opportunities for funding and service contracts (in consultation with staff and council), which has resulted in successful funding being granted for external projects. Continued advertisement of our established and experienced staffing profile and what they offer for schools is also essential. Promoting our stable membership profile as being the 'preferred subject association for teachers', needs to continue. Positive marketing services through Louise, has also enhanced our focus and advertising of our 'brand logo and activities'.
- It is essential that information on the MAV webpage remains current at all times.
- Evaluation and feedback on partnerships including Team:P events or other subject associations need continued monitoring and review to maintain and promote quality control
- The Australian Curriculum and AusVELS needs to continue to be closely monitored and evaluated
- The Revised VCE Study Design, needs to be monitored with the anticipation of MAV PD and resource support being delivered to VCE teachers across all regions
- PD offerings to continue to be extended to regional areas through the strengthening of the Bendigo branch, expanding the VCE mini conference days to regional Victoria as deemed appropriate and viable.

Finally congratulations to everyone on your efforts throughout the year! What a great team of individuals we have!

In a very difficult climate MAV continues to shine and demonstrates that it is a leading educational body for Mathematics. This only happens as a result of the collective individuals that work with and for the organization. A great team which includes the Professional Development Committee members, Education consultants, our wonderful CEO, the Full Pretzel and their very fine work at the MAV Annual Conference, contracted staff and our hard working 'behind the scenes' administrative team at the office who keep the 'wheels turning' smoothly. Well done all! at the office who keep the 'wheels turning' smoothly. Well done team!

LINDA BARON

RESOURCES

The website “*Teach Maths for Understanding*” is a major way that the MAV helps teachers choose the best resources, and link them directly to AusVELS. This is continually being refined, and as the shop takes a new form, TM4U will also take on a new form. The MAV continues to locate resources to add to the MAVShop. During the last 12 months the following have been added:

- | | |
|---|---|
| <ul style="list-style-type: none"> <input type="checkbox"/> 100 (or 200) Planks <input type="checkbox"/> 33 ways to help with numeracy <input type="checkbox"/> Adam Spencer's Big book of Numbers <input type="checkbox"/> Alice in Wonderland <input type="checkbox"/> Amanda Bean's Amazing Dream <input type="checkbox"/> Attribute blocks, Developing Logic and Reasoning <input type="checkbox"/> Check the clues <input type="checkbox"/> Conference Proceedings Maths Rocks <input type="checkbox"/> Double Entry <input type="checkbox"/> Engaging maths: 25 favourite lessons <input type="checkbox"/> Fresh Starts (updated to become a downloadable online resource) <input type="checkbox"/> Full House <input type="checkbox"/> Geometry ambigram T-shirt <input type="checkbox"/> God is a mathematician T-shirt <input type="checkbox"/> Hot X: algebra exposed <input type="checkbox"/> How much is a million? <input type="checkbox"/> Kiss my Math <input type="checkbox"/> Make it count <input type="checkbox"/> Maths doesn't suck <input type="checkbox"/> Maths games with child-friendly cards <input type="checkbox"/> Morphun construction sets <input type="checkbox"/> Maths posters (12) <input type="checkbox"/> MathStart Safari Park <input type="checkbox"/> Meeting SEN in the curriculum: Maths <input type="checkbox"/> More trouble with maths <input type="checkbox"/> One fish, two fish, red fish, blue fish | <ul style="list-style-type: none"> <input type="checkbox"/> One hundred hungry ants <input type="checkbox"/> Other teaching methods (card games) <input type="checkbox"/> Primary maths handbook <input type="checkbox"/> Reasoning with rods <input type="checkbox"/> Sir Cumference and the First Round <input type="checkbox"/> Sophie's prize <input type="checkbox"/> Ten apples up on top <input type="checkbox"/> The easy-read -time Teacher Clock <input type="checkbox"/> The foot book <input type="checkbox"/> The Indian Clerk <input type="checkbox"/> The Grapes of Math: How Life Reflects Numbers and Numbers Reflect Life <input type="checkbox"/> The Man of Numbers: Fibonacci's arithmetic revolution <input type="checkbox"/> The multiplying menace divides <input type="checkbox"/> The pleasures of counting <input type="checkbox"/> The shoemaker's knife <input type="checkbox"/> The Simpsons and their mathematical secrets. <input type="checkbox"/> Toying with Tangrams <input type="checkbox"/> Transforming primary maths <input type="checkbox"/> Two of everything <input type="checkbox"/> Visual VCE mathematics levels 1 and 2 (CD) <input type="checkbox"/> What if? <input type="checkbox"/> What's your angle, Pythagoras? <input type="checkbox"/> Wooden pattern blocks <input type="checkbox"/> Young children learning mathematics |
|---|---|

JOURNALS

The MAV Council has consolidated its oversight of journals to include *Prime Number*, *Vinculum*, and *Common Denominator* in one portfolio. Whilst *Prime Number's* and *Vinculum's* professional learning roles and objectives are clear, *Common Denominator* now plays a major marketing and commercial function for the MAV. The MAV Council expresses its appreciation for the way that Sarah Ferguson (*Prime Number*) and Roger Walter (*Vinculum*) have progressively improved the two professional journals that they serve as Editors – as membership surveys show these remain a key membership benefit. The Council also believes that its decision to renew the arrangement with Louise Gray of Stitch Marketing has been vindicated by the sustained excellence of design and layout of the two journals and the way *Common Denominator* continues to help drive interest in the work of the MAV to promote great mathematics teaching in Victoria's classrooms.

MEMBERSHIP, MARKETING & COMMUNICATIONS AND PUBLIC EVENTS

Annual MAV membership figures over the past three years have been:

	2012	2013	2014
Individual	393	383	433
Institutional	975	970	954
Total	1368	1353	1387

This MAV Council's work in the last year has again been informed by Direction 5 of the MAV Strategic Plan 2013 to 2017, namely to "add value to the membership proposition and make membership more accessible". The new membership structure is now readily accessible via the MAV Shop at the website. The five membership categories are: Associate (such as interested companies), Institutional (schools), Individual, Teaching students and Concessional (such a retirees, CRT, unemployed, parental leave, first year teachers, interstate AAMT members and international subscribers). The aim is to have every teacher of mathematics as a member of MAV, in most cases via their school membership as in the past with over 10,500 teachers registered in 2014 as entitled to MAV membership benefits.

In order to promote Early Childhood numeracy the MAV created a trial category of membership, at no cost for the first year, for institutions who are active in that sector, with a view to establishing how to align their needs with the work of the MAV in future years.

The Association has again sought the views of the membership using the Professional Associations 2014 instrument *Associations Matter* provided by Survey Matters. The MAV responses are benchmarked against those from twenty other organisations in Australia and New Zealand that provide similar member services to MAV in the not for profit sector. Responses were received from 849 members, with this sample size giving a reliability of $\pm 4\%$ for response percentages. Amongst the key findings:

- the three highest ranked challenges for members are: keeping pace with technology (68%), keeping up with information (51%) and skills shortages (49%). Members (87%) value reliable and credible information that MAV disseminates.

They are very concerned about the lack of qualified mathematics teachers and its impact on the reputation of the profession.

- 53% of members are satisfied with the advocacy role of the MAV in respect of both legislation that affects the profession and on curriculum matters.
- Over 70% of respondents rate MAV communication as good or excellent, but about 50% would like to see a greater variety of types of communication, and to have it more targeted to specific interest groups.
- Over 70% of respondents are well satisfied with their MAV membership, and agree that MAV is well respected in the industry. MAV was ranked lower than the benchmark group on the issue of members' preparedness to recommend membership of MAV to their colleagues.

The Council will continue to reflect and act upon the findings from the survey in the best interests of the membership.

JIM SPITHILL

STUDENT ACTIVITIES REPORT

COMMITTEE MEMBERS:

Julie Tillyer (Convener)	Jennifer Bowden (Education Consultant)	Kelly Gallivan
Lana Allen (The Full Pretzel)	Helen Haralambous (Education Consultant)	Allason McNamara June Penney

2014 was a busy year for the Student activities Committee and supporting Maths Education Consultants

Highlights of the year include:

- 10 Statewide Student Games Day along with additional days supported by Maths Education Consultants in city and regional areas.
- Successful Victorian MTQ with the addition of school entering from Western Australia. The Nation MTQ was hosted by MAV and was also a great success.
- In school games activities and family maths nights hosted by MAV Education Consultants.
- VCE Revision Lectures

Student Games Days.

A Maths Games Day is an opportunity for students to develop their mathematical talents and thinking skills in a setting where maths is regarded as fun and worthwhile with like-minded students from a diverse range of schools. It is an ideal way for students to participate in mathematical activities without the usual classroom pressures and is a very effective vehicle for getting young people – particularly in the middle years of schooling – excited about maths.

In 2014 we welcomed Lumen Christi Primary School in Point Cook who hosted a Year 6 Games Days. This game ran extremely well with very positive reports from both the host and participating schools. Close to 1,750 students attended the ten State Wide Games Days. Special thanks goes to the hosting schools, school coordinators, the many teachers involved and the local commercial sponsors.

Year Level	School
Year 4	Lowther Hall Anglican Grammar School
Year 5	Penleigh and Essendon Grammar School, Essendon
Year 6	Genazzano FCJ College
Year 6	Lumen Christi Primary School
Year 7	Wesley College, Elsternwick Campus
Year 7	Overnewton Anglican Community College
Year 8	Penleigh and Essendon Grammar School, Keilor Campus
Year 9	Williamstown High School
Year 10	Mount Scopus Memorial College
Year 11/12	Camberwell Grammar School

The MAV now processes the payments for Games Days, with positive feedback from host schools as they report this allows them to focus more on quality activities and less on administration. In 2015 both Helen Haralambous and Jennifer Bowden hope to work with regional schools to encourage them to either host a Games Day or engage an Education Consultant to assist in running a day.

In addition to State Wide Games Day the MAV has assisted schools to run a Games Day at a local level. This is in the spirit of promoting MAV Student Activities and in anticipation that schools may learn from this experience and host a State Wide Games Day in the future. In 2014 we helped Presentation College Windsor run a Games Day for their Year 7 students, Damascus College in Ballarat run a Games Day for Primary School Students in their local area and Stonnington Primary School host a day for Year 5 and 6 students in their local area.

Maths Talent Quest.

The Maths Talent Quest (MTQ) has continued to be an important component of the student activities program. In 2014 we encouraged innovative investigations presented online, as well as the embracing of new technologies.

In 2014 we successfully hosted the National Maths Talent Quest and welcomed schools from other Australian States not already running a statewide competition to enter the Victorian competition.

The MTQ continues to support the new AusVels curriculum. A rubric is used in the judging process and students use this rubric to guide their investigations. The MTQ rubric encourages students to work with the Australian Curriculum General Capabilities. The MTQ requires students to utilize all of the proficiency strands being *Understanding, Fluency, Problem Solving* and *Reasoning*.

The MTQ in 2014 attracted 425 entries from 58 Schools, which is consistent with 2013. Many entries are also completed at a school level before a school judging process takes place and winning entries are sent to the MAV for State Judging. State judging ran smoothly with a total of 40 judges attending.

In 2014, 37 entries (14 individual, 13 group and 9 class) were submitted to the National Maths Talent Quest, which was hosted in Victoria. The number of entries from Victoria was 21, receiving outstanding results once again with 13 winners at

National level. We were pleased to have a number of our judges from the State level assist with the National judging.

The committee also introduced a new award which was given to one recipient at MTQ - Student Activities Committee Blaise Pascal Award For Outstanding Achievement.

Jennifer Bowden presented 4 workshops to new schools in 2014 and 2 workshops to Western Australian schools early in 2014. MAV education consultants and volunteers continue to support schools as they begin to participate in the MTQ.

VCE Revision Lectures.

The VCE Revision Lectures provide the opportunity for VCE students to have extra tuition in VCE Mathematics (Further Mathematics, Mathematics Methods, and Specialist Mathematics) by highly experienced and enthusiastic teachers (all whom have had VCAA assessing experience). The series was conducted in September/October 2014 at the following locations:

Location	Date
METROPOLITAN	
NORTHCOTE (NORTH WEST)	Saturday, 20 September
GLEN WAVERLEY (NORTH EAST)	Sunday, 21 September
UPWEY (NORTH EAST)	Sunday, 21 September
SOMERVILLE (SOUTH EAST)	Monday, 22 September
SUNSHINE (SOUTH WEST)	Tuesday, 23 September
REGIONAL	
MILDURA (NORTH WEST)	Sunday, 21 September
WARRNAMBOOL (SOUTH WEST)	Saturday, 4 October
HORSHAM (SOUTH WEST)	Sunday, 5 October
SALE (SOUTH EAST)	Sunday, 5 October
WANGARRATA (NORTH EAST)	Saturday, 11 October

The lectures were well attended with just on 1,000 students participating statewide, slightly lower than the record year in 2013 (1,214) but still up from 2012 (800).

A principal reason for the decline in the overall participation came from disappointing attendance numbers for Mildura - where a company offered VCE revision lectures over the same weekend as the MAV offering (and those of the Victorian Association for the Teaching of English) at LaTrobe University across a wide range of subjects. A number of students attended the commercial lectures because they could book for numerous subjects. The positive that arose from this was the coming together of the professional teaching associations in late 2014 at the instigation of the MAV to work collaboratively to jointly market their respective revision lecture programs for 2015. The decision was taken to develop collective VCE *Student Toolbox* branding and an online resource to help students plan their year-round revision activity.

Glen Waverley drew the biggest number of participants and to some extent subsidises the running of the smaller venues. Upwey and Somerville were new venues in 2014 due to requests from the school/or Principal. The inclusion of Upwey helped cater to the students who the MAV had to re – direct in 2013 to other venues from Glen Waverley where the venue had reached capacity. In 2014 the MAV trialled offering some revision lectures on weekdays in the early part of week 1 of the term 3 holidays. This was to cater to students who had given feedback in 2013 that they preferred attending the revision lectures earlier in their term break rather than the last week end as it helped prepare them for the trial exams which the majority of schools run in the latter part of week 1 or early week 2 of the term break. It also served to meet the needs of students who had week end part time jobs and so prefer week days.

JULIE TILLYER

EARLY CHILDHOOD COMMITTEE REPORT

COMMITTEE MEMBERS

Michelle Huggan
(Convenor)

Jennifer Bowden (MAV
Staff)

Rene Hoareau (AAMT)

This was the second year MAV had an Early Childhood Committee. The group investigated just what it was that the MAV could do to support the Early Childhood sector, with the challenge being to plan tools and resources appropriate for educators, students and parents.

In 2014 the MAV Council introduced an Early Childhood membership category. This will be trailed in 2015 as the MAV offers free membership to Early Childhood individual and Early Learning Centres with the proviso being that these new members help the MAV to develop its early childhood offerings.

The Committee has identified several Early Years textbooks, picture books and hands on resources for sale through the MAVShop. Jen Bowden and Ellen Corovic have utilised these in their Professional learning sessions.

The 2014 Annual Conference provided more workshops either focusing on or incorporating the Early Years. Jennifer Bowden also presented to educators at the 2014 Early Childhood Australia Conference.

Both Deer Park North PS and Stevensville PS were involved in the DET Birth – 8 Learning Maps project partnering with MAV Education Consultant Jen Bowden and the MAV's Early Childhood Committee Convenor, Michelle Huggan. This project gave the MAV an insight to the Department's planning and vision for the Early Years. Jennifer Bowden and Michelle Huggan worked on the *Leading Continuity of Early Learning Course* through the Bastow Institute focusing on the links between school and prior to school settings.

MAV staff have continued to ensure that both *Common Denominator* and *Prime Number* include contain articles in support of Early Years mathematics education.

In 2015 the MAV will continue to improve support to the early childhood sector and provide links between that sector and primary schools.

MICHELLE HUGGAN

MAV PERSONNEL 2014 – 2015

Chief Executive Officer:	Simon Pryor	
Mathematics Education Consultants:	Jennifer Bowden Ellen Corovic Helen Haralambous	Sharyn Livy Ian Lowe
Finance Officer:	Zofia Wiacek	
Administration:	Michael Green	Darinka Rob
The Full Pretzel:	Julie Allen Lana Allan	
Principal contractors:	Carbon Data (IT & Data)	Internet Technology Services (web site & IT)



Mathematical Association of Victoria
Cliveden, 61 Blyth St, Brunswick
Victoria 3056