



**THE MATHEMATICAL ASSOCIATION OF WESTERN AUSTRALIA INC.**  
(AFFILIATED WITH THE AUSTRALIAN ASSOCIATION OF MATHEMATICS TEACHERS INC)

# ANNUAL REPORT 2019



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## 2018/19 Committee and Office Staff

President	Paula McMahon & John West
Immediate Past President	Rom Cirillo
Executive Officer	Rachael Whitney-Smith & Clive Kelly
Treasurer	Richard Korbosky
Publications	Greg Hurn & John West
Student Activities	Jack Bana & Donna Buckley
Membership & Services	Rachael Whitney-Smith & Dion Alfonsi

### *Professional Learning*

STEM Conference Co-convenor	Penelope Hickman
Secondary Convention & HOLA Day	Wendy Pero

### *Other Professional Learning*

Primary	Trish Paxton & Penelope Hickman
Secondary	Paula McMahon & Ann Ruckert

### *Office Staff*

Office Manager & Events Coordinator	Shannon Taylor
Accounts Adviser	Mario Ravat
Office Associate	Holly Hughes
Office Assistant	Charlene Yong
Web Maintenance & Graphic Design	Leighland Swan

## 1.0 President's Report

MAWA celebrated its 60th birthday during 2018 and this event was marked with a 60th Anniversary dinner at the Crown Ballroom. The dinner was the result of efforts of MAWA's life members and office staff. It was an enjoyable night of reminiscing and dancing. Congratulations to all involved in this event and the many hundreds of events that MAWA has organised over 60 years.

During 2018 we expanded our services offered to members, both primary and secondary. Areas of expansion included:

- The establishment of business partnerships with Revise Online and Independent Education & Training Pty Ltd
- The Maths Expo in held at Scitech,
- STEM Parent Information Evening at ECU Joondalup
- Expansion of resources on offer to schools via our online book store,
- New student activities such as Girls Choose Maths 4 STEM day,
- Increased presence in the 'social media space', and
- Increased support for our student activities events, such as, Have Sum Fun (HSF) and HSF-Online, the Mathematics Talent Quest (MTQ) and the West Australian Mathematics Problem Solving program (WAMPSP).

Our thanks go to Rachael Whitney-Smith and Clive Kelly for their tireless role as MAWA Executive Officer in 2018. Together they have increased MAWA's profile in schools, ensured we meet the governance requirements of a not for profit organisation and supported the office staff and committee. Congratulations to Penelope Hickman for the massive role she played in organising and 'being the face' of the STEM conference.

A big vote of thanks also goes to our Office Manager, Shannon Taylor and her team. She has worked effectively with our part-time office staff, Holly Hughes, Charlene Yong, Mario Ravat and Leigh Swan, and committee members and has instigated operational and management improvements that have produced financial savings for the association. So, well done to all our office team.

Our special and heartfelt thanks go to all Committee members for everything they do in the interests of the organisation, and especially the new committee members in 2018 –John West, Ann Ruckert and Paul Brown.

We would like to take the opportunity to also thank our volunteers for student activities and our many sponsors for the various events. Your contributions and continued support are always welcomed, and help us to provide our members with opportunities that wouldn't exist without you.

John and Paula would encourage all members to keep supporting this Association. If you think something needs improving, please tell us, but also consider getting involved to help us provide a better service for you. We are only as strong as our membership.

It is with sadness that Paula is not able to fulfil her full term as MAWA President. She will be taking on the role of MAWA Executive professional Officer from January 2019.

Thank to John who was pleased to accept the committee's nomination to serve as interim MAWA president from the beginning of 2019 until the Annual General Meeting in April. John sees his role in this capacity as supporting the executive officer, office manager and committee as they worked towards ensuring the sustainability of MAWA's operations in a challenging operating environment. He has already begun working with the MAWA staff and committee to establish the 2019 priorities.

The priorities for 2019 are:

- Supporting our staff during the year by careful planning and streamlining our operations.
- Explore sponsorship opportunities that will support existing teacher and student activities and new initiatives,
- Increase our professional learning offerings
- Use experienced external presenters to develop and deliver professional learning workshops,
- Improve the office infrastructure,
- Engage with the wider community including families and universities,
- Develop new resources that support preservice teachers and families, and
- Work collaboratively with AAMT and other affiliates.

John has submitted his nomination to continue in the role as MAWA president as he feels that working to support mathematics teachers in WA could not be better aligned with his role in teacher education at Edith Cowan University. John has also recently been appointed editor of Australian Primary Mathematics Classroom; we feel this will allow him to work more closely with AAMT and other maths associations around Australia.

In conclusion, we wish all MAWA members a successful and rewarding 2019, but especially we wish the very best for the new 2019 MAWA Committee under the leadership of the MAWA President and committee.

President/s - Paula McMahon and John West

## **1.1 Executive Officer's Report**

In 2018 MAWA had two people fill the role of Executive Officer – Rachael Whitney Smith and Clive Kelly. The committee would like to thank both for their enthusiasm, professionalism and commitment to overseeing the association and ensuring that we are meeting our vision and goals.

As MAWA Executive Officer we have had the pleasure of overseeing the day-to-day running of the Association, represent MAWA in an advocacy role for Mathematics Education in WA; and manage the various projects, activities and events that MAWA has become involved in over the past twelve months. It has been a pleasure to serve MAWA in this capacity and we look forward to seeing MAWA expand and increase its reach across WA and Australia wide, supporting Mathematics education for all.

The year has been incredible busy with our ongoing activities and the establishment of new activities. In 2018 MAWA held its first Maths Expo 'The Hidden world of Maths' in conjunction with Scitech. This event focused on engaging parents and children with the Association. The event was very successful and we look forward to growing this event in 2019, maybe with a new location and a key sponsor. The Girls Choose Maths 4 STEM day was also a new activity in partnership with AMSI and Penrhos College. More than 150 Year 9 girls spent the day learning from and speaking to people from a variety of industries engaged in STEM careers. We would like to thank Peter Chandler from Penrhos College for his amazing support in organising the day.

During late 2017 and 2018 MAWA obtained some funding for an Out of Field Teachers Project. MAWA engaged facilitators who conducted a series of workshops and webinars to assist out of field

teachers to understand the importance of mathematics, plan and conduct engaging lessons that addressed the proficiencies and develop appropriate assessment. The feedback from participants included:

“Networking opportunities, the activity examples for students, the resources for teaching and the briefing on the National Curriculum and syllabus.”

“How to think outside the box and the resources”

“Where to find resources that are more interesting than the standard stuff”

“The discussion of effective mathematics teaching”

“How to use the resources to engage students in mathematics, to help with understanding.”

A full copy of the final report can be obtained upon request. It is hoped that MAWA will be able to support out of field teachers in a similar way in the future.

As MAWA Executive officer we have also had the pleasure of presenting awards, chairing panels and attending events for MAWA at both school and university levels, forging a collaborative relationship with other associations and Mathematics organisations.

We wish Paula McMahon all the best as she takes on the role of Executive Professional Officer in 2019.

Prepared by Paula McMahon on behalf of Rachael Whitney-Smith and Clive Kelly

## 2.0 Membership

In 2018 MAWA conducted a Member Survey recruiting participants through a social media invitation and emails to our membership. The initial question of the survey asked if the survey participants were individual members of MAWA. Of the 172 responses, 72% responded that they weren't individual members of MAWA and 28% responded they were an individual MAWA member. When asked if their institution held a MAWA institutional membership, 54% responded yes and 46% responded no. Given that survey participants were recruited through social media, it is crucial for MAWA to encourage more of our social media following to become financial members of the association.

There are currently 1051 schools in Western Australia, with 602 schools in the Perth Metropolitan region. In 2018-2019, 18% were MAWA institutional members. Our current membership is;

Table 1: *Membership of MAWA by member categories*

MAWA Memberships	Individual	Student	Institutional	Life	Exhibitor/ Business	Family	Reciprocal	Total
2018 - 2019	143	304	191	19	5	2	1	665
2017 - 2018	120	339	165	20	3	0	0	647

As indicated below (see Table 2) there has been a very slight increase in our regional memberships, however, there is still some considerable effort required in providing more support for regional areas, encouraging teachers and institutions to take up a MAWA membership.

Table 2: Membership of MAWA by WA postcodes

Postcode	6000 - 6099	6100 - 6199	6200 - 6399	6400 - 6999	Other
2018-2019	303	199	82	74	9
2017-2018	309	191	74	63	10

Our individual and institutional memberships have increased however our student memberships are down on previous years. Given there is no fees associated with student memberships we need to improve our reach into universities, to maintain our pre-service teachers. Our student membership currently constitutes 46% of MAWA's overall membership (a drop of 6% on the 52% of the previous year). It is also important that MAWA looks at ways of retaining our students once graduated and encouraging them maintain their individual memberships. In 2019, MAWA is investigating ways to support new graduates through mentoring, professional learning and resources.

Table 3: Membership of MAWA by Level

Memberships	Secondary	Primary	Both	Total
2018 -2019	276	302	87	665
2017 - 2018	297	273	77	647

Although our Primary numbers have risen, the 2018-2019 has seen a drop in our Secondary memberships (see Table 3).

MAWA introduced a family membership category in 2019 and currently have 2 members. Joining MAWA with a family membership provides the member:

- 10% discount on all resources in the shop (except online products)
- Parent/Student Information Evenings
- Parent/Family Learning Workshops
- Discounted Student Activities/Workshops
- Quarterly e-newsletter
- Access to a tutor database and family member zone on the MAWA website

In 2018 MAWA awarded Lorraine Day a life membership in recognition of the amazing work she has done in supporting MAWA and mathematics education in general throughout WA and across Australia.

## Media

MAWA has engaged with several social media platforms over the 2018-2019 period with its Facebook, Twitter and newly developed Instagram pages.

Facebook: [@MAWAinc](#)

We currently have 1400 page likes with posts on average gaining a reach of around 3500 per week. Advertising campaigns through Facebook have proved successful. The page itself has a 90% response rate and is proving very successful in both advertising events and promoting MAWA across the globe. We have attracted some international followers and this has led to international delegates attending our 2018 conferences.

Twitter: [@MAWAinc](#)

Growing in popularity with teachers, Twitter has become a valuable forum to connect to the latest research and news. Professional discourse on Twitter in 2018 led to the formation of a WA



Mathematics Book Club. This initiative allows WA teachers to develop professionally through Book Club Chats on Twitter. Follow them with the hashtag #MathsBookClubWA.

Currently the MAWA Twitter page has 325 followers and follows 154.

Instagram: @mawainc

At the 2018 MAWA Primary and Secondary Convention, the committee launched the MAWA Instagram page, with intention of increasing the photographic and video means of promotion. Via Instagram, the committee ran a social media competition at the Convention, giving away a complementary registration to the 2019 MERGA Conference Teacher's Day.

The Instagram page currently has 64 followers and 12 posts, however, has encountered difficulties in finding the clientele to follow the Instagram page. In order to improve MAWA's social media presence on Instagram, cross promotion of MAWA's Instagram page must be established on the other forms of social media (i.e. Facebook and Twitter), and must be promoted explicitly at every MAWA event.

The office will include all of MAWA's social media handles for Facebook, Instagram and Twitter as a footer in ALL of MAWA's emails to members, including the Sigma editions. This will hopefully increase member's knowledge of the existence of MAWA on social media and as a result, increase followings.

In 2019, the Media, Memberships and Promotions committee endeavour to have more opportunities for social media promotion and competitions and by the end of 2019, have at least 1500 Facebook likes, 200 Instagram followers and 400 Twitter followers.

## Promotions

One of MAWA's 2017 – 2020 strategic goals is to Strengthen MAWA's profile, connections and collaboration with the wider community and relevant stakeholders. Working towards raising the profile of MAWA has been achieved through the introduction of Family Memberships, inaugural MAWA Maths expo held at Scitech 2018, STEM Pathways evening held at ECU and the introduction of member exclusive areas of the MAWA website designed to encourage individual membership through providing additional resources and materials exclusive for MAWA members.

## 2.1 Products & Services

### Maths Active Schools



Maths active schools program has over the 2018 -2019 period awarded 4 bronze, 2 silver and 2 gold status. Noting that all of the award recipients are Secondary schools, there is a need to promote MAWA active schools in the Primary sector. The MAWA "Memberships, Media and Promotions" sub-committee are currently reviewing the Maths Active school program to improve its appeal and application process as well as ways to promote its availability across WA.

Schools are invited to apply to be assessed for a MAS award for 2019. The criteria for Bronze, Silver and Gold awards, as well as the application form, are accessible on the MAWA website at <http://mawainc.org.au/math-active-schools/>.

**The Maths Active Schools for 2018-2019 are:**

***GOLD***

Woodvale Secondary College  
John Curtin College of the Arts

***SILVER***

Prendiville Catholic College  
Corpus Christi College

***BRONZE***

Carine Senior High School  
Rockingham Senior High School  
Canning Vale College  
Como Secondary College

**MAWA turns 60**

MAWA held a 60th Anniversary dinner at the Crown Convention Centre on 18th November in conjunction with the 2018 Primary Conference and Secondary Convention. VIP guests, MAWA committee and life members joined conference delegates in a lovely evening consisting of amazing food, entertaining music and wonderful reminiscing with the return of the MAWA song and dance. It was a great night had by all who attended.

**2.2 Honorary Life Members**

Jack Bana, Barry Bastow, Sheila Byfield, Rom Cirillo, Fran Ciupryk, Jim Claffey, Mark Graber, Greg Hurn, Norm Hoffman, Jill Hughes, Beryl Hume, Barry Kissane, Richard Korbosky, Ray Leeman, Jillian Neale, Michelle Östberg, Thelma Perso, Paul Swan, and Paula McMahon, Rom Cirillo, Greg Hurn, Lorraine Day.

Rachael Whitney-Smith & Dion Alfonsi – Membership & Services Coordinators

**3.0 Professional Learning**

**3.1 Primary & Secondary Conference**

The 2018 MAWA Conference saw the inaugural Primary Conference held concurrently with the Secondary Conference at the Crown Convention Centre, Burswood from 19-21 November. The theme “Igniting the Flames” aimed to inspire teachers to ignite curiosity in students leading to mathematical thinkers who enjoy struggling productively to solve problems critically and creatively. There were 567 and 398 delegates on Monday and Tuesday respectively. The Heads of Learning Area (HOLA) Forum and Numeracy Co-ordinators Day had 118 attendees, with 929 delegates over the three days.

The conference featured a number of presentations by highly regarded mathematicians and passionate educators. The Secondary keynote speakers were Derek Holton, honorary professor in Education at the University of Melbourne and Tierney Kennedy, education consultant and director of Back-to-Front Maths. Derek gave an engaging talk entitled “Igniting mathematical flames with small numbers” and Tierney discussed whole school interventions that can be implemented to catch up students who have fallen behind in their learning. The Primary keynote was delivered by

mathematics consultant, Anita Chin, who gave practical ideas on why and how to turn students into problem solvers. The Numeracy/HOLA Forum included presentations by Tierney and others, as well as several interactive workshops.

Delegates were able to choose from 84 different workshops covering a broad range of topics delivered by high quality presenters, including reSolve champions who promoted the free resources available through the Maths by Inquiry project. In addition to a record number of delegates, there were a record number of exhibitors, namely 24 for the conference and 13 for the Numeracy/HOLA Forum. Thank you to silver sponsors Texas Instruments, Casio, Mangahigh and Maths Pathway, and to all other exhibitors and presenters for their support. Further thanks must go to all delegates for their enthusiastic participation, and the MAWA committee members and office personnel for their valuable assistance in planning and hosting this event. It continues to grow in size and popularity, and the committee is to be commended on another highly successful conference. It is clear that MAWA is committed to fulfilling our aim of delivering high quality professional learning that meets the needs of our members.

Wendy Pero - Conference Convenor

### **3.2 STEM Conference**

In 2018, we had 311 registrations which was less than we had in 2017 with 321. This could primarily be attributed to inadequate advertising and the delay in setting the dates and venue.

Of the 311 registrants, the split is as follows:

Members	101
Non-members	110
Presenters	72
Principals/Deputies	19
Student Members	8

The decision to have the first day on the Sunday, didn't have the desired result of improving the number of registrations on that day. In fact, there were fewer attendees on the Sunday (176) than the Monday (245).

The timing of the conference being so close to the APPA Conference, and many primary leaders had committed to attending the APPA Conference, may have had an impact on registrations.

23% of our registrations were for presenters, 12 registered for 2 days and 54 registered for 1 day. The large number of school-based presenters on the Monday, all subsidised in some way, had a negative impact of the cost of the conference which resulted in a loss for the consortium members.

However, it is worth noting, that taken over both years (2017 and 2018) all consortium members made a small profit and so involvement with organising/holding the event has not had an overall negative financial impact on the associations (including MAWA) that are part of the consortium.

The consortium members have decided not to hold a STEM conference in 2019 but to take it into consideration for 2020.

There have been many positive outcomes that have resulted from MAWA's involvement with the running of STEM conferences and we would like to continue our involvement via the consortium – providing, of course, that we can minimise the risk of any future negative financial return.

Please see the appendix for a more comprehensive evaluative report on the 2018 STEM conference compiled by the convenors of the conference.

Rom Cirillo  
MAWA representative on the STEM Consortium

## 4.0 Publications

This year has been a slightly less frenetic one for publications for MAWA as we completed various publishing projects. We have had many different people all working very hard to produce a wide variety of publications that are of great use to the maths teachers of this State and probably elsewhere as well. A number of these projects started some time ago, while some are totally new. I would like to express my sincere thanks to all the authors and editors that worked on these books.

We are happy to receive ideas for new publications at any time.

We have reprinted the book Foundations Mathematics unit 1 this year and are looking at various older publications for refreshing or reprinting.

**Electronic versions** of new publications is becoming the norm and many new publications are only available in electronic form.

Currently we are working on producing some **Investigations for the Mathematics Essentials** courses. There is the intention to also produce single investigations for various upper school courses to assist teachers cope with the new policies on investigations from Scasa.

We have been working on producing some **examination revision books** based on our previous exam papers.

**Upper school exam papers.** This year MAWA will again be producing Year 11 and Year 12 exam papers for upper school courses for Semester 1 and Semester 2. This is a difficult challenge because there are other exam writers in the marketplace and some of these already have a good reputation. There is a lot of work involved. We will monitor the demand this year; but thanks to all of those writers and checkers who are putting the work in.

We have also taken on selling **publications from other publishers** if we think they are worthwhile. MAWA now carries quite a large range of publications as well as our own. These provide extra resources for maths teachers and students in this state. It is becoming quite a large part of the ever increasing services provided by MAWA.

We have also decided to stock various publications that can be used in PDs. This is a significant value adding to these publications and should prove to be a great idea. There are many new suggestions for publications cropping up regularly and many projects being worked on all the time.

All in all it has been another challenging year but there is much to show for the efforts of many, many people; so I would like to express my thanks to everyone who has contributed in any way at all. Our bookshop stocks a wide variety of books and other resources.

Greg Hurn – Publications Convenor

## **5.0 Student Activities**

### **5.1 Have Sum Fun Face-to-Face**

This is the traditional HSF face-to-face team-based problem-solving competition that runs in the first school term. Each competition has a two-year range as follows: Years 5-6, Years 7-8, Years 9-10, and Years 11-12. In 2018 a total of 13 of these competitions were held – seven in the Perth Metro area, three in Bunbury, two in the Peel district, and one in the Pilbara at Karratha.

In all, there was a record of some 310 participating teams across the 10 venues that hosted HSF. This project involved a great deal of support from many helpers, and MAWA is particularly grateful to all the hosting schools, and the specific contributions from Geoffrey Jamieson, Paula McMahon, Bradley Dunn, Ray Hill, Monique Element, Peter Chandler, James Buchanan, Megan Christie, Kirsty Williams, and Joseph Smyth. The office staff did a great job organising the registrations and preparing all the kits of materials for the competition venues.

### **5.2 Have Sum Fun On-Line**

This HSFOL competition continued to operate Australasia-wide with more eastern state teams joining in, and which is endorsed by the Australian Association of Mathematics Teachers (AAMT). Competitions were held in every school term as follows: Years 3-4 once, Years 5-6 three times, and Years 7-10 three times. MAWA is most grateful for all the individual teachers and the schools who hosted this event. MAWA continued to promote HSFOL to all schools. HSFOL involves teams of four in a problem-solving competition with 30 items in three rounds over a three-week period. In all, some 1140 teams participated over the 2018 school year. The items for HSFOL were organised by Jack Bana, and the website operation was managed by Websmart. MAWA is very grateful for the assistance of Jillian Neale, Sheila Byfield, Paul Presser and Ping Chua. The office staff, as always, did a great job organising the registrations and monitoring the competition in each term over each three-week period.

### **5.3 National Maths Summer School**

The Summer School, held each January in Canberra, continues to deliver a strong program for Australia's top Year 11/12 mathematicians under the new Director Prof Ben Burton. Seven students were selected from the 16 WA students who applied for the NMSS.

Xiaoyu Chen of All Saints College, just 14 years of age, received the Larry Blakers Award of \$500 as the top WA students selected. Reef Kitaeff of Perth Modern School received the Larry Blakers State School Student Award of \$400. Other attendees were Lara Dale (St Hilda's Anglican School for Girls), Rémi Hart (All Saints College), Michael Thomas (Trinity College), Heberet wa Azaro (Perth Modern School) and Henry Yapeter (Perth Modern School). Attending as an Experienced Group member, selected from the previous Summer School, was Alex Blogg (Albany Senior High School). Alex has twice been the recipient of ACEMS scholarships which the Australian Research Council awards to facilitate attendance by students from regional and diverse schools.

At the Orientation Ceremony sponsored by Curtin University the attendees were addressed by Paula McMahon (President of MAWA), Dr Yathunathan Sivarajah (visualisation specialist of the Pawsey Supercomputing Centre, and Saul Freedman (previous NMSS attendee now undertaking a doctorate in pure mathematics). The biography of Professor Larry Blakers was recalled by Dr Jack Bana as the prizes named in his honour were awarded.

The NMSS selection committee, convened by Dr Paul Brown, has been expanded and now consists of Ian Hailes, Anjelica Mallis, Paul Presser, Janine Smallbone, Rachel Theunissen, Mahendra Vaswani and Mark White – all of whom attended the Orientation and contributed in many ways. The work of Ian Hailes and Leighland Swan in maintaining the online application system is notable.

Applications for the January 2020 National Mathematics Summer School will open in Term 2. All schools should consider whether they have exceptional Year 11 students who may benefit from the NMSS's two weeks of exposure to high-level mathematics.

#### **5.4 Maths Talent Quest**

In its second year, MTQ has grown to have 52 entries from ten different schools – seven high schools and one primary. Six of these entries were sent to the National MTQ competition which was held at the Maths Association of Victoria. MAWA would like to recognise our National MTQ winner in the Year 9 group category, "Whatever Floats Your House" by St Hilda students Julia Kent, Alison Capper, and Jacqui Shallcross. The 2018 MTQ Outstanding School award went to Rockingham Beach Primary School.

MTQ judging was held at the MAWA office, encouraging the teachers and pre-service teachers who participated in the judging to become familiar with our office. MAWA is grateful to Sheila Byfield, Paul Brown, Jack Bana and Norm Hoffman for assisting with the state judging in 2018. Thanks goes to John West who represented MAWA at the judging of the National MTQ.

The MTQ Award Ceremony was once again hosted by Scitech and MAWA is grateful for their continued support. MTQ co-ordinator, Donna Buckley ran free workshops for teachers to support entry to the competition and these have been well attended. The workshops address the proficiency strands of mathematics and explore what it means to work as a mathematician does.

#### **5.5 West Australian Maths Problem Solving Program**

During 2018 WAMPSP relocated to Scitech for Term 1, and then to The University of WA for the rest of the year. This move was beneficial. The program continued to operate under the direction of Noemi Reynolds and Norm Hoffman, as a program of MAWA. Once again there were more than 200 mathematically able students aged 10 to 15, in classes at five levels in the program. The classes were held in Electrical Engineering Building at the University of WA, under the auspices of the UWA Mathematics Department. There were four teachers involved in teaching the classes. They were Norm Hoffman, Noemi Reynolds, Rom Cirillo, and Quita Berry.

The registration of students for 2019 and the program's finances were handled effectively by the MAWA office staff. The program continues to operate at UWA in 2019, under the directorship of Dr Norm Hoffman.

MAWA made a submission to the Australia Mathematics Trust (AMT) for financial support in 2019. This was successful. The CEO, Nathan Ford, indicated in December that AMT would supply learning materials at no cost for the senior classes; \$2000 for digital equipment to enable on-line delivery; funding a teacher salary in Bunbury and Albany; and providing scholarships and support for students. The CEO met in January 2019 with John West, Paula McMahan, and Jack Bana at the MAWA Office, as a prelude to the preparation of a legal contract for the AMT involvement with MAWA.

Jack Bana & Donna Buckley – Student Activities Coordinators

## **6.0 MAWA Office**

The primary focus for the office in 2018 was to promote MAWA and our brand to a larger audience, the WA community and work on creating a connection with remote/country teachers. Our Facebook membership has grown from 1100 followers to just over 1400 and it has proven to be our most effective marketing medium. This has been complemented with our efforts on Twitter and now Instagram. Our increasing reach was evident again with the growth in participation across all of our events; with record number for HSFOL, HSF Face-to-face and the Primary & Secondary Conference. With the use of zoom meetings, we have broadened our reach past the Perth Metropolitan area and throughout WA and Australia.

We are always looking at ways to improve our profile in the community and in channeling our efforts to families and supporting mathematics education at home. We have had a solid response from our advertising efforts through Kids in Perth – The Parents Paper last year and will continue our association in 2019 to build on the foundations we have firmly established. We have also developed associations with organisations such as Home Education WA (HEWA), In Focus Careers and more recently Western Australian Council of State School Organisations. These associations assist in promotion of our events targeted specifically at parents and students. HEWA's have also been including an article from MAWA in each of their quarterly newsletters. I am exploring the possibility of a corporate partnership with ASG also.

Along with raising our profile to the larger community, I wanted to improve MAWA office's physical appearance. In January, a small reception area was created so that visitors to the office could sit and peruse our resources. In early March we had the flooring replaced with Timber Vinyl Planks and the office signage updated. What a transformation!

Holly Hughes, Office Associate; Charlene Yong, Casual Office Support; and Mario Ravat, Accounts Advisor; have all contributed to the smooth running of the office throughout the year. We said goodbye to Charlene however in November 2018 and wish her all the best in her future endeavours.

In summary, the office has had another successful year on limited staff hours. The Primary & Secondary Conference was certainly a highlight for the office as the increased attendance really is a culmination of our efforts throughout the year. We are looking forward to another busy but highly successful year, as we continue to grow in all areas.

Shannon Taylor – Office Manager and Events Coordinator

## **7.0 Australian Association of Mathematics Teachers**

2018 has seen many changes at AAMT, including the retirement of long standing CEO Will Moroney after being with the association for more than 20 years. AAMT welcomed Duncan Rayner as the new CEO in June and he has worked tirelessly to establish new funding sources. Government funding for new projects in the mathematics area was very difficult to obtain and as such restructuring of the AAMT office was required. However, organisation of the 2019 AAMT conference to be held in Brisbane 9 – 11 July is on track and there is an outstanding list of keynote speakers.

Work on updating the Maths 300 website and platform continues. Professional learning opportunities continue to present themselves for MAWA. The focus for 2019 will be to establish a team of writers to create new lessons.

Paula McMahan - AAMT Councillor



## 8.0 Future Directions

The key to MAWA's future directions is clearly reflected in the Strategic Goals: 2017-2020

- Contribute to the improvement of the quality of mathematics teaching and learning through enhanced professional support to teachers of mathematics.
- Contribute to the improvement of student engagement and learning of mathematics by providing relevant opportunities.
- Strengthen MAWA's profile, especially its connections and collaboration with the wider community and relevant stakeholders.
- Streamline and improve MAWA's operations and management in order to provide high quality services which are useful and accessible to interested parties.

If we are to remain at the forefront of Mathematics Education in Western Australia, and relevant for our members, we need to create new connections and adapt to working with new partners and key stakeholders whilst maintaining the high standards achieved by our office staff and committee.

Our role within the STEM Consortium, and continued engagement with a broader membership of the consortium will continue to be a key part of the future for MAWA. While this has been, and will continue to be challenging, it will bring opportunities – but we need to be positioned to take advantage of these.

The value of such a hard-working and capable team cannot be overestimated, and our first challenge this year was to address the risk of staff burnout by careful planning and streamlining of our operations. One of the ways this has been addressed has been by defining clear role statements that reduce unnecessary duplication (and associated costs). In March this year we were pleased to be the recipients of funding from the Australian Mathematics Trust that will significantly defray the costs of running the WA Primary Mathematics Problem Solving Program. Another important initiative is that we have contracted external presenters to develop and deliver PL materials in such a way that MAWA retains the resulting intellectual property and ensures the executive officer's role is sustainable during peak times (such as school holidays). MAWA continues to maintain its reputation for the delivery of high-quality PL and student programs across WA.

MAWA is also now allowing recognised providers of high-quality PL to advertise via our website in exchange for a small commission. In this way, MAWA can be acknowledged as working in partnership (and not in competition with) providers of quality PL and also receives a commission for PL which is largely organised by other people. It also allows MAWA to engage interstate and overseas providers that we simply couldn't bankroll by ourselves.

The continued expansion of our 'tried and trusted' services will continue to have increasing significance.

These include:

- Our bookshop service, with our quality publications and our expanded list of publications from third parties, and other resources such as 'manipulatives' (especially for primary schools).
- The possible on-sale of some of our 'Intellectual Property' such as online resources to third parties is another area to be explored.
- Expanding student activities; e.g., taking HSF and WAMPSP to other venues and online to remote areas.
- The continued engagement of primary teacher at our Primary and Secondary Conferences.

President - John West



## 9.0 Treasurer's Report

The net profit for 2018 was \$36 793 (Dry/Kirkness financial reviewer for MAWA). The change in the bottom line between 2017 and 2018 is a decrease of approximately \$110 000. This is a reflection of:

- An increase in salaries (0.4FTE for and Executive Officer to 1.0FTE)
- A grant in 2017 that was not available in 2018
- An increased number of free services that MAWA is offering parents and community (including Mathematics Pathways Evening for parents of Year 9/10 students)
- Sponsorships for pre service teachers in prizes and conference attendance
- Increased paid and unpaid advertising of MAWA services and events
- The costs associated with the 60<sup>th</sup> Anniversary dinner.

As per the action requested in the 2018 minutes for a breakdown of the profit and loss for MAWA activities the following table is provided:

Activity	Profit	Loss
Resources (including electronic)	\$32 900	
Memberships	\$38 500	
Professional Learning		\$29 500
Student & Family Activities/Events	\$2300	
Primary and Secondary Conference & Expo	\$1650	
Stem Conference		\$ 16 700

The administration costs of having and running an office are reflected in each event that MAWA conducts and participates in. Total equity for the Association continues to increase.

The committee believes that the investment in full time Executive Officer will allow the Association to continue to grow its membership and services into the future.

We wish to be able to maintain (or increase) the same level of service in future years for student activities without increasing costs for participation. We have put measures in place to minimize expenses for these activities and will continue to monitor expenses. We may need to budget for (only) small increases to institutional memberships, professional learning and conferences.

2018 has been a successful year and we will continue to be proactive in promoting activities that reflects our vision.

Richard Korbosky - Treasurer

## **10. Statement of Independent Auditors**

**The Mathematical Association of Western Australia (Inc)**  
ABN: 83 179 618 286

### **Financial Statements**

**For the Year Ended 31 December 2018**

# The Mathematical Association of Western Australia (Inc)

ABN: 83 179 618 286

## Contents

For the Year Ended 31 December 2018

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## The Mathematical Association of Western Australia (Inc)

ABN: 83 179 618 286

### Statement of Profit or Loss and Other Comprehensive Income

For the Year Ended 31 December 2018

		2018	2017
	Note	\$	\$
Income	3	841,727	846,799
Employee benefits expense		(274,030)	(204,884)
Depreciation and amortisation expense		-	(2,677)
Operating expenses		(362,963)	(348,275)
Administration expenses		(167,941)	(144,267)
<b>Surplus before income tax</b>		<b>36,793</b>	146,696
Income tax expense	2(a)	-	-
<b>Surplus for the year</b>		<b>36,793</b>	146,696
<b>Other comprehensive income:</b>			
Other comprehensive income for the year		-	-
<b>Total comprehensive income for the year</b>		<b>36,793</b>	146,696

The accompanying notes form part of these financial statements.

1

## The Mathematical Association of Western Australia (Inc)

ABN: 83 179 618 286

### Statement of Financial Position

As At 31 December 2018

	Note	2018 \$	2017 \$
<b>ASSETS</b>			
<b>CURRENT ASSETS</b>			
Cash and cash equivalents	4	814,570	782,025
Trade and other receivables	5	35,599	55,285
Inventories		121,733	78,795
Other assets		6,450	-
<b>TOTAL CURRENT ASSETS</b>		<b>978,352</b>	<b>916,105</b>
<b>NON-CURRENT ASSETS</b>			
Property, plant and equipment	6	195,769	195,769
Other assets		15,217	-
<b>TOTAL NON-CURRENT ASSETS</b>		<b>210,986</b>	<b>195,769</b>
<b>TOTAL ASSETS</b>		<b>1,189,338</b>	<b>1,111,874</b>
<b>LIABILITIES</b>			
<b>CURRENT LIABILITIES</b>			
Trade and other payables	7	68,782	47,410
Employee benefits	8	11,875	9,297
<b>TOTAL CURRENT LIABILITIES</b>		<b>80,657</b>	<b>56,707</b>
<b>NON-CURRENT LIABILITIES</b>			
Trade and other payables	7	16,721	-
<b>TOTAL NON-CURRENT LIABILITIES</b>		<b>16,721</b>	<b>-</b>
<b>TOTAL LIABILITIES</b>		<b>97,378</b>	<b>56,707</b>
<b>NET ASSETS</b>		<b>1,091,960</b>	<b>1,055,167</b>
<b>EQUITY</b>			
Accumulated funds		1,091,960	1,055,167
<b>TOTAL EQUITY</b>		<b>1,091,960</b>	<b>1,055,167</b>

The accompanying notes form part of these financial statements.

2

**The Mathematical Association of Western Australia (Inc)**

**ABN: 83 179 618 286**

**Statement of Changes in Equity**

**For the Year Ended 31 December 2018**

2018

	Accumulated Funds	Total
	\$	\$
Balance at 1 January 2018	1,055,167	1,055,167
Surplus for the year	36,793	36,793
Balance at 31 December 2018	<u>1,091,960</u>	<u>1,091,960</u>

2017

	Accumulated Funds	Total
	\$	\$
Balance at 1 January 2017	908,471	908,471
Surplus for the year	146,696	146,696
Balance at 31 December 2017	<u>1,055,167</u>	<u>1,055,167</u>

The accompanying notes form part of these financial statements.

## The Mathematical Association of Western Australia (Inc)

ABN: 83 179 618 286

### Statement of Cash Flows

For the Year Ended 31 December 2018

	2018	2017
Note	\$	\$
<b>CASH FLOWS FROM OPERATING ACTIVITIES:</b>		
Receipts from customers	931,310	934,374
Payments to suppliers and employees	(909,139)	(771,797)
Interest received	10,374	9,568
Net cash provided by operating activities	10 <u>32,545</u>	<u>172,145</u>
Net increase in cash and cash equivalents held	32,545	172,145
Cash and cash equivalents at beginning of year	782,025	609,880
Cash and cash equivalents at end of financial year	4 <u>814,570</u>	<u>782,025</u>

The accompanying notes form part of these financial statements.

4

# The Mathematical Association of Western Australia (Inc)

ABN: 83 179 618 286

## Notes to the Financial Statements

For the Year Ended 31 December 2018

The financial statements cover The Mathematical Association of Western Australia (Inc) as an individual entity. The Mathematical Association of Western Australia (Inc) is a not-for-profit Association incorporated in Western Australia under the *Associations Incorporation Act 2015 (WA)* ("the Act").

The functional and presentation currency of The Mathematical Association of Western Australia (Inc) is Australian dollars.

Comparatives are consistent with prior years, unless otherwise stated.

### 1 Basis of Preparation

The Committee has prepared the financial statements on the basis that the Association is a non-reporting entity because there are no users who are dependent on its general purpose financial statements. These financial statements are therefore special purpose financial statements that have been prepared in order to meet the financial reporting requirements of the *Australian Charities and Not-for-profits Commission Act 2012*, *Associations Incorporation Act 2015 (WA)* and the Association's Constitution. The Association is a not-for-profit entity for financial reporting purposes under Australian Accounting Standards.

The financial statements have been prepared in accordance with the recognition and measurement requirements specified by the Australian Accounting Standards and Interpretations of the Australian Accounting Standards Board ("AASB") applicable to not-for-profit entities and the disclosure requirements below.

*AASB 101: Presentation of Financial Statements*

*AASB 107: Statement of Cash Flows*

*AASB 108: Accounting Policies, Changes in Accounting Estimates and Errors*

*AASB 1048: Interpretation of Standards*

*AASB 1054: Australian Additional Disclosures*

The financial statements, except for the cash flow information, have been prepared on an accruals basis and are based on historical costs unless otherwise stated in the notes. Material accounting policies adopted in the preparation of these financial statements are presented below and have been consistently applied unless stated otherwise. The amounts presented in the financial statements have been rounded to the nearest dollar.

The following significant accounting policies, which are consistent with previous years unless stated otherwise, have been adopted in the preparation of these financial statements.

### 2 Summary of Significant Accounting Policies

#### (a) Income Tax

The Association is exempt from income tax under Division 50 of the *Income Tax Assessment Act 1997*.

#### (b) Revenue and other income

Revenue is recognised when the amount of the revenue can be measured reliably, it is probable that economic benefits associated with the transaction will flow to the Association and specific criteria relating to the type of revenue as noted below, has been satisfied.

Revenue is measured at the fair value of the consideration received or receivable and is presented net of returns, discounts and rebates.



# The Mathematical Association of Western Australia (Inc)

ABN: 83 179 618 286

## Notes to the Financial Statements

For the Year Ended 31 December 2018

### 2 Summary of Significant Accounting Policies (Continued)

#### (b) Revenue and other income (Continued)

##### Sale of goods

Revenue is recognised on transfer of goods to the customer as this is deemed to be the point in time when risks and rewards are transferred and there is no longer any ownership or effective control over the goods.

##### Interest revenue

Interest is recognised using the effective interest method.

##### Rendering of services

Revenue in relation to rendering of services is recognised depending on whether the outcome of the services can be estimated reliably. If the outcome can be estimated reliably then the stage of completion of the services is used to determine the appropriate level of revenue to be recognised in the period.

If the outcome cannot be reliably estimated then revenue is recognised to the extent of expenses recognised that are recoverable.

##### Subscriptions

Revenue from the provision of membership subscriptions is recognised on a straight line basis over the financial year.

##### Other income

Other income is recognised on an accruals basis when the Association is entitled to it.

#### (c) Goods and services tax (GST)

Revenue, expenses and assets are recognised net of the amount of goods and services tax (GST), except where the amount of GST incurred is not recoverable from the Australian Taxation Office (ATO).

Receivables and payable are stated inclusive of GST.

Cash flows in the statement of cash flows are included on a gross basis and the GST component of cash flows arising from investing and financing activities which is recoverable from, or payable to, the taxation authority is classified as operating cash flows.

#### (d) Inventories

Inventories are measured at the lower of cost and net realisable value. Cost of inventory is determined using the weighted average costs basis and is net of any rebates and discounts received. Net realisable value is estimated using the most reliable evidence available at the reporting date and inventory is written down through an obsolescence provision if necessary.

## **The Mathematical Association of Western Australia (Inc)**

**ABN: 83 179 618 286**

### **Notes to the Financial Statements**

**For the Year Ended 31 December 2018**

#### **2 Summary of Significant Accounting Policies (Continued)**

**(e) Property, plant and equipment**

Each class of property, plant and equipment is carried at cost or fair value less, where applicable, any accumulated depreciation and impairment.

**Depreciation**

Property, plant and equipment is depreciated on a straight-line basis over the assets useful life to the Association, commencing when the asset is ready for use.

**(f) Cash and cash equivalents**

Cash and cash equivalents comprises cash on hand, demand deposits and short-term investments which are readily convertible to known amounts of cash and which are subject to an insignificant risk of change in value.

## The Mathematical Association of Western Australia (Inc)

ABN: 83 179 618 286

### Notes to the Financial Statements

For the Year Ended 31 December 2018

#### 2 Summary of Significant Accounting Policies (Continued)

##### (g) New Accounting Standards and Interpretations

The AASB has issued new and amended Accounting Standards and Interpretations that have mandatory application dates for future reporting periods. The Association has decided not to early adopt these Standards. The following table summarises those future requirements, and their impact on the Association where the standard is relevant:

Standard Name	Effective date for entity	Requirements	Impact
AASB 15: Revenue from Contracts with Customers	This Standard is applicable to annual reporting periods beginning on or after 1 January 2019 as deferred by AASB 2015-8: Amendments to Australian Accounting Standards – Effective Date of AASB 15.	When effective, this Standard will replace the current accounting requirements applicable to revenue with a single, principles-based model. Apart from a limited number of exceptions, including leases, the new revenue model in AASB 15 will apply to all contracts with customers as well as non-monetary exchanges between entities in the same line of business to facilitate sales to customers and potential customers. The core principle of the Standard is that an entity will recognise revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for the goods or services. To achieve this objective, AASB 15 provides the following five-step process: <ul style="list-style-type: none"> <li>•identify the contract(s) with a customer;</li> <li>•identify the performance obligations in the contract(s);</li> <li>•determine the transaction price;</li> <li>•allocate the transaction price to the performance obligations in the contract(s); and</li> <li>•recognise revenue when (or as) the performance obligations are satisfied.</li> </ul> The transitional provisions of this Standard permit an entity to either: restate the contracts that existed in each prior period presented as per AASB 108: Accounting Policies, Changes in Accounting Estimates and Errors (subject to certain practical expedients in AASB 15); or recognise the cumulative effect of retrospective application to incomplete contracts on the date of initial application. There are also enhanced disclosure requirements regarding revenue.	Although Management anticipate that the adoption of AASB 15 may have an impact on the Association's financial statements, it is impracticable at this stage to provide a reasonable estimate of such impact.

## The Mathematical Association of Western Australia (Inc)

ABN: 83 179 618 286

### Notes to the Financial Statements

For the Year Ended 31 December 2018

#### 3 Revenue and Other Income

	2018	2017
	\$	\$
Income		
- sale of goods	216,245	193,954
- provision of services	517,351	538,911
- member subscriptions	75,539	58,981
- other income	22,218	12,885
- donations	-	32,500
	<u>831,353</u>	<u>837,231</u>
Finance income		
- interest received	10,374	9,568
<b>Total income</b>	<u><b>841,727</b></u>	<u><b>846,799</b></u>

#### 4 Cash and Cash Equivalents

Cash at bank and in hand	112,899	160,727
Short-term deposits	569,498	559,375
Deposits at call	132,173	61,923
	<u>814,570</u>	<u>782,025</u>

#### 5 Trade and Other Receivables

CURRENT		
Trade receivables	30,626	50,334
Prepayments	5,000	5,000
Other receivables	(27)	(49)
	<u>35,599</u>	<u>55,285</u>

The carrying value of trade receivables is considered a reasonable approximation of fair value due to the short-term nature of the balances.

The maximum exposure to credit risk at the reporting date is the fair value of each class of receivable in the financial statements.

## The Mathematical Association of Western Australia (Inc)

ABN: 83 179 618 286

### Notes to the Financial Statements

For the Year Ended 31 December 2018

#### 3 Revenue and Other Income

	2018	2017
	\$	\$
Income		
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	<u>831,353</u>	<u>837,231</u>
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## The Mathematical Association of Western Australia (Inc)

ABN: 83 179 618 286

### Notes to the Financial Statements

For the Year Ended 31 December 2018

#### 6 Property, plant and equipment

	2018	2017
	\$	\$
Buildings		
At cost	195,769	195,769
Total buildings	<u>195,769</u>	<u>195,769</u>
PLANT AND EQUIPMENT		
Furniture, fixtures and fittings		
At cost	16,331	16,331
Accumulated depreciation	<u>(16,331)</u>	<u>(16,331)</u>
Total furniture, fixtures and fittings	<u>-</u>	<u>-</u>
Office equipment		
At cost	17,341	17,341
Accumulated depreciation	<u>(17,341)</u>	<u>(17,341)</u>
Total office equipment	<u>-</u>	<u>-</u>
Computer equipment		
At cost	69,003	69,003
Accumulated depreciation	<u>(69,003)</u>	<u>(69,003)</u>
Total computer equipment	<u>-</u>	<u>-</u>
PD room equipment		
At cost	11,469	11,469
Accumulated depreciation	<u>(11,469)</u>	<u>(11,469)</u>
Total PD room equipment	<u>-</u>	<u>-</u>
<b>Total property, plant and equipment</b>	<b><u>195,769</u></b>	<b><u>195,769</u></b>

#### 7 Trade and Other Payables

CURRENT		
Trade payables	33,305	22,153
Deposits	3,577	2,695
GST payable	17,318	17,052
PAYG withholding payable	<u>14,582</u>	<u>5,510</u>
	<u>68,782</u>	<u>47,410</u>
NON-CURRENT		
Trade payables	<u>16,721</u>	-
	<u>16,721</u>	-

## The Mathematical Association of Western Australia (Inc)

ABN: 83 179 618 286

### Notes to the Financial Statements

For the Year Ended 31 December 2018

#### 8 Employee Benefits

	2018	2017
	\$	\$
Current liabilities		
Provision for annual leave	11,875	9,297
	<u>11,875</u>	<u>9,297</u>

#### 9 Contingencies

In the opinion of the Committee of Management, the Association did not have any contingencies at 31 December 2018 (31 December 2017: None).

#### 10 Cash Flow Information

##### (a) Reconciliation of result for the year to cashflows from operating activities

Reconciliation of net income to net cash provided by operating activities:

Surplus for the year	36,793	146,696
Cash flows excluded from profit attributable to operating activities		
Non-cash flows in surplus:		
Depreciation and amortisation expense	-	2,677
Changes in assets and liabilities:		
- (increase)/decrease in trade and other receivables	19,686	13,439
- (increase)/decrease in inventories	(42,938)	3,247
- increase/(decrease) in trade and other payables	16,426	481
- increase/(decrease) in employee benefits	2,578	5,605
Cashflows from operations	<u>32,545</u>	<u>172,145</u>

#### 11 Events Occurring After the Reporting Date

The financial report was authorised for issue on 22 March 2019 by the Committee.

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

#### 12 Statutory Information

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

The Mathematical Association of Western Australia (Inc)  
12 Cobbler Place  
Mirrabooka WA 6061  
Australia

## The Mathematical Association of Western Australia (Inc)

ABN: 83 179 618 286

### Statement by Members of the Committee

The Committee has determined that the Association is not a reporting entity and that this special purpose financial report should be prepared in accordance with the accounting policies outlined in Note 2 to the financial statements.

In the opinion of the Committee the financial statements as set out on pages 1 to 12 are in accordance with the *Australian Charities and Not-for-Profits Commission Act 2012, Associations Incorporation Act 2015 (WA)* and:

1. comply with the Australian Accounting Standards applicable to The Mathematical Association of Western Australia (Inc);
2. gives a true and fair view of the financial position of The Mathematical Association of Western Australia (Inc) as at 31 December 2018 and its performance for the year ended on that date in accordance with the accounting policies described in Note 2 to the financial statements; and
3. at the date of this statement, there are reasonable grounds to believe that The Mathematical Association of Western Australia (Inc) will be able to pay its debts as and when they fall due and payable.

This statement is made in accordance with subsection 60.15(2) of the *Australian Charities and Not-for-Profits Commission Regulation 2013* and is signed for and on behalf of the Committee by:

President .....  .....

Treasurer .....  .....

Dated 18 February 2019



INDEPENDENT ASSURANCE PRACTITIONER'S REVIEW REPORT

To the Committee of The Mathematical Association of Western Australia (Inc)

We have reviewed the accompanying financial statements, being special purpose financial statements of The Mathematical Association of Western Australia Inc (the "Association"), which comprises the statement of financial position as at 31 December 2018, the statement of profit or loss and other comprehensive income, the statement of changes in equity and the statement of cash flows for the year then ended, notes comprising a summary of significant accounting policies and other selected explanatory information and the statement by Members of the Committee.

**The Committee's Responsibility for the Financial Statements**

The Committee is responsible for the preparation of the financial statements that gives a true and fair view in accordance with the *Australian Charities and Not-for-Profits Commission Act 2012*, the *Associations Incorporation Act 2015 (WA)* and has determined that the basis of preparation described in Note 1 to the financial statements are appropriate to meet the financial reporting requirements of the *Australian Charities and Not-for-Profits Commission Act 2012*, *Associations Incorporation Act 2015 (WA)*, the constitution and is appropriate to meet the needs of the members. The Committee's responsibility also includes such internal control as the Committee determine is necessary to enable the preparation of financial statements that gives a true and fair view and are free from material misstatement, whether due to fraud or error, selecting and applying appropriate accounting policies and making accounting estimates that are reasonable in the circumstances.

**Assurance Practitioner's Responsibility**

Our responsibility is to express a conclusion on the financial statements based on our review. We have conducted our review in accordance with Auditing Standard on Review Engagements ASRE 2415 *Review of a Financial Report: Company Limited by Guarantee or an Entity Reporting under the ACNC Act or other Applicable Legislation or Regulation* in order to state whether, on the basis of the procedures described, anything has come to our attention that causes us to believe that the financial statements are not prepared, in all material respects, in accordance with the requirements of Division 60 of the *Australian Charities and Not-for-Profits Commission Act 2012* and the *Associations Incorporation Act 2015 (WA)* including: giving a true and fair view of the Associations financial position as at 31 December 2018 and its performance for the year ended on that date; and complying with the *Australian Charities and Not-for-Profits Commission Regulation 2013*. ASRE 2415 requires that we comply with the ethical requirements relevant to the review of the financial statements.

A review consists of making enquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review is substantially less in scope than an audit conducted in accordance with Australian Auditing Standards and consequently does not enable us to obtain assurance that we would become aware of all significant matters that might be identified in an audit. Accordingly, we do not express an audit opinion.

**Independence**

In conducting our review, we have complied with the independence requirements of the *Australian Charities and Not-for-profits Commission Act 2012*, *Associations Incorporation Act 2015 (WA)* and any applicable code of professional conduct in relation to the review.

**Conclusion**

Based on our review, which is not an audit, nothing has come to our attention that causes us to believe that the financial statements of the Association does not satisfy the requirements of Division 60 of the *Australian Charities and Not-for Profits Commission Act 2012* and *Associations Incorporation Act 2015 (WA)* including:

- (a) giving a true and fair view of the Association's financial position as at 31 December 2018 and of its financial performance and cash flows for the year ended on that date; and
- (b) complying with Australian Accounting Standards to the extent described in Note 1, and Division 60 of the *Australian Charities and Not-for Profits Commission Regulation 2013*.

**Basis of Accounting**

Without modifying our conclusion, we draw attention to Note 1 to the financial statements, which describes the basis of accounting. The financial statements have been prepared for the purpose of fulfilling the Association's financial reporting responsibilities under the *Australian Charities and Not-for-profits Commission Act 2012*, *Associations Incorporation Act 2015 (WA)* and the Constitution. As a result, it may not be suitable for another purpose.

**DRY KIRKNESS**

Date: 18<sup>th</sup> February 2019  
West Perth  
Western Australia

**B ROTHMAN**  
Partner

## 11.0 MAWA Committee Statement as at Year Ended 31st December 2018

Your committee members submit the financial account of the Mathematical Association of Western Australia Inc. for the financial year ended 31 December 2018.

Committee Members at the date of this report are listed on page 3.

### Significant Changes:

The financial position of MAWA continued to improve over the course of 2018. A healthy profit was still achieved as a result of increased sales of publications, and the increased revenue from extra professional development events.

### Operating Result:

The Profit/Loss from ordinary activities after providing for income tax amounted to

Year End	Year end
31 December 2018	31 December 2017
\$36,793	\$146,696



President of MAWA as at 31<sup>st</sup> December 2018 – John West



Treasurer of MAWA as at 31<sup>st</sup> December 2018 – Richard Korbosky



# THE MATHEMATICAL ASSOCIATION OF WESTERN AUSTRALIA INC. 2019 ANNUAL REPORT

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