



ANNUAL REPORT 2008-2009

MATHEMATICAL ASSOCIATION



supporting mathematics in education

President's Report

It has been a huge privilege and pleasure to serve as President of The Mathematical Association. I do hope that in some small way I have been able to repay all that the Association has done for me in my career.

I was a late starter as far as maths went at school. My maths 'O' level is my lowest grade, but something clicked when I took Additional Maths. I took double maths for A-level, and was taught by (among others) Graham Howlett who has run our problem bureau for some time, and by John Marriott, who was also Stamp Collector to the Queen. After this I won an Exhibition to Trinity College, Cambridge. My love of teaching began in my gap year; in fact I took off nearly two years, and spent a full year teaching in Western Kenya from 1972-73. Sinyolo Harambee Secondary School had just one class and two teachers when I arrived, so I began my career as deputy headteacher! The head liked to teach maths, so paradoxically I taught every other subject on the curriculum (apart from Swahili). Actually, this was a very good preparation for teaching maths later.

I enjoyed maths at Cambridge, but was clearly never going to be first class material. In fact it was only after I'd been teaching for a couple of years that some pennies started to drop about the subtleties of mathematical analysis...but it was a bit late by then!

I did my maths PGCE in Leicester, and had the good fortune to be tutored by Roger Wheeler, who also ran our problem bureau for many years, before Graham Howlett. It was Roger who introduced me to the MA, and I joined up some 32 years ago as a student teacher. On my first day of teaching practice, Neil Curwen, the Head of Maths at The Wyggeston Boys Grammar School, had an emergency dental appointment, and phoned in to suggest that I take his upper sixth. So I wandered in to my first lesson ever, and asked what they would like to do...which turned out to revise Simpson's Rule and the Trapezium Rule. I decided to extend this to more powerful methods such as Gaussian 4-point (not feeling constrained by any syllabus!), and a rather startled Neil returned to find us launched into an investigation on rates of convergence. An early programmable calculator was pressed into use, and the resulting exploration led in due course to a "Gazette" article. I have sometimes wondered if any one else's first ever lesson on teaching practice has led to a Gazette article!

I then began looking for jobs, and took on a post at Worcester College for the Blind. I had thought this would just be for a couple of years, but stayed for six, and became head of department. Worcester College acted as the grammar school for the blind for England and Wales, and also had a significant number of overseas pupils. It was hugely enjoyable, and I was pleased later to spend another six years as a governor. It also meant being



fluent in Standard English Braille, maths code and computer code, not to mention the ways of creating raised diagrams and graphs. I was really pleased to have prepared one student for Oxford and another for Cambridge...in both cases the first blind maths undergraduates there for 50 years.

Two years at Kings College, Taunton followed and then three at Bewdley High School. I then moved to Hagley RC High School as head of maths and senior teacher, and remained there for 10 years. This was a time of huge change as the 1988 National Curriculum came in. I took on two roles...firstly to make Hagley a real place of excellence in mathematics. Two Ofsted reports indicated that this was successfully achieved! I also became increasingly dissatisfied with the direction of national policy, and began to write for the Times Educational Supplement, and became active in the MA. I began to attend conference and lead sessions, take part in Teaching Committee subgroups and write for "Maths in School". In 1995 the MA asked me to represent them on the Royal Society/Joint Mathematical Council task group on the teaching and learning of Algebra, and this was my chance to start moving the pendulum back towards a curriculum that contained substance.

I also at this time had a parallel career in politics, and spent 12 years as a councillor, and was Mayor of Bewdley in 1990. I realised that I would have to choose between education and politics as a career if I was to move forward however.

In 1998, Worcestershire advertised for their County Mathematics Inspector, and after 21 years teaching, I made my transition to the LEA side. Once again I moved at a time of huge change. The National Numeracy Strategy came in, and I rapidly had to become an expert

on primary mathematics. Fortunately we had a superb Teacher Adviser in primary maths, and with some hastily appointed consultants of again high quality, we launched the largest training programme in the history of the authority. At this time also QCA asked me to chair the group that wrote the Algebra section for the 1999 National Curriculum orders, and I sought to make sure that real content returned to Key stages 3 and 4. Shortly afterwards, Anita Straker commissioned me to write substantial sections of the Key Stage 3 "Framework for Teaching Mathematics". I reckoned to have been responsible for about 1 page in 7.

In 2002 my involvement in mathematics reduced when Worcestershire advertised for a senior inspector to be responsible for schools in challenging circumstances, special measures, serious weaknesses etc. I was genuinely surprised that my application was successful, as the field was diverse and strong. There followed a challenging two years, and by 2004 I felt ready to lead a school improvement team myself. So I applied to Swansea and became Head of Education Effectiveness, at Assistant Director level.

The move to Wales has been fascinating, with a quite different ethos and set of educational values. Swansea is fortunate to have some fabulous schools, and I had an exciting four years there, moving to Blaenau Gwent in 2008 as Chief Education Officer. My direct involvement in maths education is now slight, and my time is spent managing a full range of local authority education functions, including gaining a £50 million investment in our schools...the smallest authority in Wales and the largest school building programme, and the opportunity to transform the circumstances of the borough in the UK with the highest level of social deprivation.

I do continue to value my membership of the MA as I have throughout my career. Teacher associations will come back to centre stage as the national obsession with managing the curriculum from central government wanes. Education is a hierarchical environment, but in the MA Chief Education Officers and Probationary Teachers rub shoulders as equals as we enjoy our common enthusiasm for making the maths classroom a richer place to be. Long may the Association flourish!

Robert Barbour – President

Chair's Report from Council

I ended last year's report with some important observations and a clear set of priorities. These were based on income, expenditure and membership. They are, of course, inextricably linked. Let's look at the way that Council took up these challenges and the many, many other issues with which we engaged.

At the **June Council meeting**, it was my pleasure to welcome Robert Barbour back to Council in the long deserved role of President. A number of other people also joined us at Council. Firstly, Jennie Golding stepped in as interim Chair of Teaching Committee and my thanks to her for doing that. Three new Members-without-Office also joined – Mundher Adhami, Geoff Tennant and David Crawford. David's book, *"It's a kind of Magic"* has recently been published by us and it does exactly what it says on the tin. The first item on the agenda was the Treasurer's report. The order of this item reflects the importance of this area of our activities. Paul Harris had

some encouraging news. First up was that our trading surplus was £50K, moreover on an equitable comparison with the last financial year, we were now £34K better off. This compared well with the £75K deficit from last year. His picture was optimistic – but cautious. The next item was an in-depth review of the complete spectrum of our activities. This had originated from Standing Committee, who had prepared the way with some proposals and background data. We started with conferences, but soon decided that this would be one for the future as 2009 here in Cambridge was already planned and 2010 would be a BCME conference in Manchester. That took us on to Professional Development. Alison Clark-Wilson had revitalised her committee so that it met on a regular basis and looked in depth at new ideas and at projects already underway. A management process of new projects was also implemented so that budgets were scrutinised and agreed with the Treasurer before embarkation. Current income mostly comes contract work for DCFS, BeCTA etc. But the Association is also keen to build its own portfolio of MA branded projects. Bill Richardson had managed an annual one-day conference in Stirling for Scottish teachers. Under his inspired leadership and marketing efforts this returned a healthy surplus. Also in the pipeline was a one-day conference along the same lines in England. The first in York had been a success and there were plans to repeat this. Paul Metcalf moved us on to our periodical publishing. Standing Committee had recommended to Council that it should consider the future of *Equals*. A long and passionate discussion ensued with no decisive outcome. What Council did decide, however, was that the status quo was no longer an option. It was resolved that a new plan for this periodical should be prepared. Paul also reported on some initial discussions with the ATM to make Primary Mathematics a co-badged periodical. Finally we discussed the possibility of e-publishing titles such as the Annual Report and MA News. It was agreed that the former should be implemented this year. It has a double benefit enabling a membership database to be developed and to test the waters for other items. Sue Singer led us on the issues of membership. A year-on-year decline in membership had been driven by no marketing to schools and this was now being rectified. At the same time, some necessary changes in the costs of membership had also been introduced. That for Institutional membership had been increased by 20% for the year with others planned in succeeding years. More modest increases of 10% for personal membership had also been introduced. This would be reviewed annually in line with inflation and other factors. For some time we have employed a marketing consultant to plan membership initiatives and then to see them through. This relationship was felt by Council to have run its natural course, and that future initiatives could be brought in-house with great savings benefits. We moved on to consider our relationships with other organisations: how we might build on existing partnerships like the successful Biannual joint conference with ATM and NANAMIC and how we can cement those like Primary Mathematics. It was felt that we were not working as closely with UKMT as we might there is enormous synergy between us. How might we extend and develop this for our joint benefit and efficiency. It was resolved that a small group led by the President should seek to see

what might be achieved and to build such partnerships. Finally, the cost of MA Administration was discussed and it was agreed that a breakdown of the areas covered by the term 'Administration' would assist Council to accurately scrutinise this area of expenditure.

The June Council meeting is the occasion on which we start the process of selecting a new President. At this first stage we try to draw up a list of 6 or so candidates; each candidate then has a CV written by their nominator which is circulated in advance of the September Council. At this second meeting, Council makes its final choice. As part of the business management process behind Council meetings we star certain Committees at each Council meeting. This means that that Committee's work is scrutinised in detail. This makes the overall agenda manageable and sharpens focus and effectiveness. The work of Teaching Committee was started this time and Jennie Golding reported on this vital area. Of particular concern was the emerging GCSE2 what it was, how it relates to GCSE1 and how it might be examined. There was much uncertainty and of greater significance – many fears following a QCA interim report from the Pathways Evaluation Team. This item was to recur throughout the year. We also learned about a proposal in a Green Paper. This concerned the launch of a new Teacher qualification – a Masters in Teaching and Learning. This very unexpected proposal has many benefits with its potential to enhance and reward teacher achievement and aspiration. Teaching Committee would develop a detailed MA response. We ended the meeting with a decision that at the next meeting we would devote specific time on the agenda to some 'Blue Skies' thinking. That is, there would be no agenda for this item and no restriction on its scope.

And so to the **September Council meeting**, which began with a tribute to Jim Message who had died some weeks earlier. Jim was known to many in the Association, those at conference over many years, those in the Branches he did so much to support, and those in Liverpool with whom he worked so closely. He is a sad loss. Adrian Oldknow, I'm happy to say, is still alive and very much kicking. Nonetheless, he had resigned from Council because of family commitments. It was good to be reminded of all the things that he had done in Professional Development, and in becoming a champion for the use of IT in mathematics education. We also learned that Lynne McClure as well as being a member of our Council had been invited to join the General Council of the ATM. The links and contact between our two organisations continue to grow to our joint benefit. The first item on the agenda was the Treasurer's report. Paul Harris had more encouraging news. First off was the fact that to date we had notched up a trading surplus of £22K, and on a comparison with the previous year, we were now on target to be over £80K better off. Paul congratulated Professional Development and Conferences for dramatically improved performances. In turn Council thanked Paul for his complete overhaul of the way our financial health was being recorded, monitored and reported. We moved on to our *BLUE SKIES* agenda. A document had been circulated with a number of searching questions mostly concerned with the aims and objectives of the Association what it currently offers members and what it needed to offer teachers to entice them into

membership. It also included responses to these questions from a number of Council members. After much discussion the priority concerns were identified as membership and the website. We resolved that the discussion and the scrutiny of all of our other operations would continue. We moved on to consider from a long list of possible candidates who we would invite to become the President for 2010 – 2011. We invited David Acheson and he was very enthusiastic in his acceptance. This Council meeting saw the work of Periodicals started for detailed discussion. Paul Metcalf gave an update on the progress he had made on two fronts finding a new business model for Equals, and in making the ATM a partner in Primary Mathematics. In the former, he reported that there seemed to be two possibilities emerging. The first was incorporating Equals into Mathematics in Schools and Primary Mathematics. This would eliminate most of its additional costs and has the added benefit of reaching all sectors of schools not just those with an interest in the specialist concerns of Equals. Set against this was the way that it imposes on the Editorial teams of Mathematics in Schools and Primary Mathematics material over which it would have little control. The second option was to take Equals on-line and make it available for all. The discussions with ATM about Primary Mathematics were making slow progress. This did not reflect a lack of goodwill or in the joint benefits of the idea sensitive proposals such as this have to move slowly to secure necessary support. Professional Development was also started for discussion. This brought the news of excellent financial progress including the fact that the recent Stirling one-day conference managed by Bill Richardson had been another success both in terms of delegate satisfaction and in its financial contribution. We also learned of plans to run another one-day conference in Leeds. This would be managed by Janet Jagger. The objective is to build this into an annual event part of the strategy of diversifying our Professional Development income. We also learned about a new teacher qualification that was being developed. The Institute of Mathematics and its Applications, the IMA, had a Royal Charter to offer Chartered Mathematician status. This is a professional qualification at the same levels as other professions such as Engineer and Accountant, etc. The IMA had proposed that on behalf of the MA, the ATM and NANAMIC, it should seek a Royal Charter to offer to their members a Chartered Mathematics Teacher qualification. We ended the meeting with some news that proves a truism that it never rains but it pours. The lead on the roof of HQ had been stolen!

At the **December Council meeting**, the Treasurer was able to report continuing good news. First there was a trading surplus of £24K on the Profit and loss account. He also showed that this was £38K better off than at the same time in the previous financial year. We moved on to our next *BLUE SKIES* discussion. This had been seeded by a document that begins like this:

"From time to time any organisation, if it is to survive, develop and improve its effectiveness, needs to re-examine the nature and reasons for its existence and the functions it claims to fulfil. The MA is no exception."

A large meeting like Council cannot easily discuss in depth items such as this it is much better suited to

considering the work and conclusions of small groups who produce concrete proposals. It can shape such work and give it the authority and means for implementation. So that is exactly what we resolved to do. We asked Sue Singer to set up a small group to consider membership and Rob Eastaway to do the same with the website. We felt this was the right number of initiatives enough to make a difference, not enough to dissipate energy and focus. But the discussion did generate a number of 'cross curricula' ideas – as it were:

- ? CPD events and Conference fees should automatically include membership for the current year of the event;
- ? PMC might be used to leverage and extend Primary membership;
- ? membership might include e-membership;
- ? membership might be deducted monthly through Direct Debits;
- ? might we have a range of with other organisations rather than concentrating on a single partnership?

Some ideas turn out to be impractical some are real gems. That's what *BLUE SKIES* thinking produces. We decided that this debate must continue. We moved on to a discussion about forthcoming vacancies on Council. This included the Chair of Teaching Committee and a number of Members-without-Office - Charlie Stripp and Adrian Oldknow. I want to thank Charlie for all his efforts on your behalf – in Teaching Committee and in Council. The Committee item starred for discussion was again for Paul Metcalf and periodicals. He reported on the recently held Editor's meeting and some of the wider issues they had tackled. As far as Equals went, they had already taken a decision to reduce its production costs. They were confident that this could be achieved without significant sacrifice. As for a new business model, little progress had been made. He also reported on the increasing advertising income we now received. This, however, was not without its own problems. He reported a tension between editorial and marketing on some titles. Attempts at ensuring this achieved the right balance would continue. He concluded his report by talking about aspects of succession planning in editorial teams. This was a timely reminder about this critical idea. The next item on the agenda concerned the Council for Subject Associations. We had joined this organisation during the last year with major reservations. The arrival of an invoice for our subscription - £1K - prompted a review of the benefits. We concluded that it represented poor value for money and decided not to re-new. The Chartered Mathematics Teacher award was our next item. The Privy Council had now given its approval to the joint IMA, MA, ATM and NANAMIC proposal. An official announcement of this had been made by Celia Hoyles at the NCETM national Conference. It seemed likely that the award could first be offered to members in 2009.

And at the **March Council meeting**, a dilemma: last year, I reported on meetings outwith my remit. This is our Annual General Meeting for 2008 so strictly, I ought not to include the March meeting of 2009. However as they say in Mastermind, I've started so I think I'll continue. We started with the Treasurer's report and again there was encouraging news. First he reported a Trading surplus of £8K on the profit and loss account. As for the significance of this result, I'll leave that to the Treasurer

and his report. We returned to our *BLUE SKIES* topic. First we began by looking at the work of the two groups we had tasked at the last meeting. Rob Eastaway reported on his progress with the website. He had looked critically at the design and the structure of the existing site. He had identified a number of shortcomings and had been forced to the conclusion that a complete re-design and re-engineering was the only viable solution. Following the withdrawal of BrightLemon as our technical partner, he had appointed another company – RedSpy - as the replacement. Following this he had contacted all the MA Stakeholders in the website and sought their help in the re-design and structural aspects of the new site. So he presented the proposed design for the new Home Page and the possible links from this that provides all the ways to showcase the different activities of the Association. There was considerable discussion about this important development and agreement that significant progress had been made. Discussion moved on to membership and the progress of Sue Singer's group. She reported that the group had put a radical spotlight on all aspects of membership, seeking to stress test all existing assumptions and procedures. They had not concluded their work, but undertook to report back to Council with their conclusions in June. Council also discussed a document from a meeting of a group made up from School-facing associations the MA, ATM, NANAMIC, AMET and NAMA. The meeting had been hosted by NCETM. The document offered associations the means to jointly, and simultaneously, explore – with their members – possible ways of closer co-operation. This document and an introductory letter are now up on our website. We continue to look forward to members' views on this vital issue. The recently held one-day conference in Leeds was a success both in the number of delegates and their satisfaction with the day. We owe enormous thanks to Janet Jagger for her hard work and determination in achieving this. We are another step forward in our establishment of a diversification of Professional Development income. The Committee starred for discussion was Branches and Keith Cadman set out all the activities that were going on and which had been reported in MA News. He was currently very active in re-energising Branches by seeking to gather all the relevant contacts, programmes and events together for the new website. It is easy to forget the role of Branches but it remains a powerful way of reaching teachers in the classroom as Keith knows it is also a way to leverage our other activities such as Professional Development, Books and Journals and hence to drive membership. The final item on the agenda was an update on Chartered Mathematics Teacher. The final procedures for launching this important qualification to members were now almost complete. It is anticipated that it can be launched for the beginning of the new educational year in September 2009. So what of the year itself what can we conclude, and what should we aim for next? I think the year has seen us able to consolidate the financial position of the Association in the face of many external forces beyond our control, and some that we must, and increasingly do, control. Our response to the membership challenge is to look critically at what teachers are seeking and how we can satisfy those demanding requirements. This may not be a comfortable process, no change is, but it remains vital. We will

continue to tackle the other side of the coin our expenditure, looking critically and afresh at those items where we can implement changes that bring savings and even withdrawing from areas where we believe there is no reasonable hope of improvement. We must also be aware of new opportunities and new ways of doing things. The status quo is not an option. In total, that's a tall order but one that Council is eager to tackle.

Barry Lewis (Chair of Council)

Branches Committee

This MA committee has met on twice since June 2008. The first meeting was the annual day at Leicester HQ last October. The morning session was given over to a meeting of committee and included formal reports together with a review of nominations and appointments for 2008-09. In the afternoon there was a session involving the submission and exchange of past and future programmes together with a discussion about support for local groups.

The second meeting took place at the end of the MA/ATM Joint Conference at the University of Cambridge in April. There were formal reports from officers of the committee. The minutes of this meeting were sent to attendees some weeks ago. These minutes will shortly be sent to all local Secretaries and Local Representatives as listed towards the back of MA News. Branch representatives have on a number of occasions been encouraged to provide updates for MA News and the Local Activities section of the current MA website. The recent editions of MA News have featured many impressive accounts of local activity. Branches have been implored to provide or update an introductory paragraph and future programmes for the new MA website which is due to be launched around 10 July. The new Birmingham Joint ATM/MA group has conducted several meetings during the year. The MA in Cambridge has started to hold meetings there once again. Meridian (formerly Reading) came to fruition and has organised several meetings to date. London had a full programme for 2009-10 devised, and advertised, some months ago. Many local groups have fewer meetings arranged during the summer months and utilise this time to organise their future programmes. The next Branches Day is arranged for Saturday 24 October 2009 at Leicester HQ starting at 11am.

Keith Cadman (Chair of Branches)

Conferences Committee

This committee worked to support Robert Barbour's efforts to ensure the outstanding success of the Annual Conference at Robinson College, Cambridge.

Susie Jameson (Chair of Conference Committee)

Professional Development Committee

The activities of the committee in 2008-9 continue to be clearly focussed on the principle objective for the Association which is "to promote and support the professional development of teachers". The committee has produced a *Professional development planning guide* to support the management and evaluation of professional development events and include clear guidance to both the event organiser and MA HQ with regards to ensuring a smooth process. It has also begun to use the services of Event Elephant to create the event web-site and facilitate online registration and payment. The Professional Development Committee met at the London Mathematical

Society, London three times during this period and it continues to monitor closely the individual professional development project finances and to develop PD events for both members and the wider teaching workforce.

Over the past year members of the committee have continued to work with a range of bodies including The British Educational Communications and Technology Agency (BECTa), The KS3 Strategy, The Department for Children, Schools and Families, NCETM, Intel plc and London Grid for Learning. What follows a summary of the key activities over the period.

The Mathematical Association Secondary Mathematics Conference:

The third MA one-day event for Scottish secondary mathematics teachers was held on Saturday 20th September 2008 at Stirling University and the event attracted 205 delegates who benefited from a wide range of talks, presentations and workshops. Planning for this year's conference for Scottish secondary school teachers is already underway and will be held at Stirling University on September 19th 2009 under the auspices of Bill Richardson. The keynote speaker will be Adam McBride.

Yorkshire and Humberside CPD Event: Exciting Ideas for Teaching Secondary Mathematics:

The second MA one-day CPD day for secondary mathematics teachers in Yorkshire and Humberside was held on Friday 6th March 2009 at the Holiday Inn, Garforth, near Leeds. Following the success of last year's event, 54 delegates had the opportunity to hear opening and closing plenaries from Paul Andrews of University of Cambridge and Jane Imrie of the NCETM (and President Designate of the MA). Delegates actively participated in a diverse choice of talks, workshops and discussion groups that covered themes such as the M in STEM, Bowland Maths and Rich mathematical tasks. In the afternoon the Cre8ate mathematics project team led a number of workshops. Planning for a similar event in 2010 is already underway.

Becta/DCSF Contract 2008/9: The joint MA/ATM 2008-9 contracts included funding to disseminate the range of resources developed by the team over the preceding years at regional and national events and conferences. Members of the team have led workshops at BETT 2008, the NAMA and ATM annual conferences in addition to planning a large event at the British Library on 22nd May 2009. The funding also included the commissioning of an article for *Mathematics in School* describing the classroom outcomes from the BECTa funded project *Using ICT to support 'Hard to Teach' topics in mathematics*. All of the contracts aim to support secondary mathematics teachers' professional development by supporting their use of ICT for learning and teaching.

Alison Clark-Wilson (Chair of Professional Development)

Publications Committee

The committee is responsible for overseeing all the Association's publications except the journals. We operate on nothing like the scale of even a small commercial publisher, and all the work that goes into seeing a book through from the original typescript to the final published form is undertaken by unpaid volunteers. All of us on the committee are grateful to them for what they do. Our sales, and therefore our print runs, are small: mostly they are sales at conferences and by mail order direct from Headquarters. We do pick up some extra sales from our

pages in the Hodder catalogue, but numbers are not large. We hope that the reshaping of the Association web site will bring wider publicity and more sales. Fortunately the overheads of the committee are quite small: these are mainly the expenses of those attending the three meetings we have each year. Consequently we have made a financial surplus over the past year. Although we are keeping tighter control on print runs, we do have very large stocks of some past publications of which very few sales are now being made. With the agreement of Council some of these will be offered at a reduced price at the Conference. There is not the space to comment on all the works we produce, but I would like to mention one or two. We are very hopeful that David Crawford's *It's a kind of magic* will sell well and find a wide readership. Doug French's *More creative use of odd moments* is an invaluable source of ideas for everyone teaching mathematics. We also have three particularly interesting works that should be ready soon. One is *Whoever thought of that?* by Jenny Ramsden: a set of brief biographies with outlines of mathematicians' work. Also coming soon will be *The mathematics of A Level statistics* by Owen Toller. This gives the mathematical background of topics in the A Level syllabus, and is intended for teachers and able students. Our posters always sell well, and Sue Waring is working on a set of GCSE posters. They are still at an early stage, so watch for further announcements. I must thank the members of the committee for their work and enthusiasm during the year, and once again ask if there is anyone who will volunteer to join us. If so, please get in touch with me through Headquarters.

Michael Fox (Chair of Publications)

Editorial Happenings

The second year as Editor in Chief has proved to be as busy as the first with much time focused on securing savings in response to the Associations' financial position. The task of saving money whilst maintaining the exceptionally high quality of our journals, is not an easy one but I am grateful to all involved for their support and understanding. In a series of cost cutting considerations we have looked at every aspect of our work including the savings from moving journals to other printers and the question of whether journals such as Primary Mathematics, Equals, Symmetry Plus and Mathematical Pie remain viable.

Primary Mathematics: The MA has continued to demonstrate its commitment to the primary sector. Negotiations with colleagues at the ATM to co-badge this journal have come to a standstill and having dragged on for far too long, we are now looking at ways in which we might make better use of this journal.

Equals: The MA has continued to demonstrate its support of this journal but, in its present form, the publication is costing the Association over £11,000 per annum. Discussions are now at an advanced stage to offer Equals as a web journal which has been enthusiastically endorsed by the Equals team.

Symmetry Plus: Thanks to Bill Richardson, we have managed to drastically cut the costs of this journal without compromising quality. We feel the reduced costs as well as Peter Bailey's efforts to increase the membership of the Society of Young Mathematicians are worthy attempts to improve the viability of the journal.

Mathematical Pie: We remain concerned that this publication is not getting the exposure which it deserves and we are happy to confirm our commitment to this publication whose costs are minimal and potential large. We are still pursuing the possibility of offering Mathematical Pie as an e-journal which will allow schools to make photocopies.

MA News: Sue Waring continues to work very hard on MA News but suffers considerably from lack of copy. Council have considered the possibility of MA News being offered on-line and we are pursuing this mindful of possible pitfalls associated with those who do not have easy access to the internet.

Gazette: The journal continues to generate considerable income for the MA through private subscriptions and income derived from JSTOR. The Editorial Board considered ways in which advertising might be improved and it was agreed to recommend an increase in the number of pages to clear a serious backlog of reviews which exists.

Mathematics in School: The focus of our discussions was the balance of advertising versus content which has caused some concerns among the editors which is understood and appreciated. We have now agreed a formula to ensure that extra advertising is sensitively balanced with additional pages to improve the ratio of content to advertising.

I am very grateful to the various editors for their support as well as all of the people who provide support 'behind the scenes' at this difficult time. My particular thanks are due to the following colleagues for their tireless and unenviable roles

Editors

John Berry	Mathematics in School
Ray Gibbons	Equals
Gerry Leversha	Mathematical Gazette
Lynne McClure	Primary Mathematics
Martin Perkins	SymmetryPlus
Chris Pritchard	Mathematics in School
Wil Ransom	Pie
Sue Waring	MA News

Production Editors

Erik Gooding	Pie Notes
Helen Morris	Mathematics in School
Bill Richardson	Mathematical Gazette
Tina Webb	Mathematics in School

Advertising

Janet Powell

...and, of course, my grateful thanks to the HQ staff.

Paul Metcalf (Editor-in-Chief)

Publicity and Membership

The committee has continued to work hard to recruit new members. Every year a considerable number of members do not renew their membership and in the current economic climate it is particularly important not only to make up this shortfall and maintain at the very least a stable number of members but if at all possible to increase the numbers. Apart from anything else a sound membership base is essential to the finances of the Association and hence to the Association's ability to support mathematics education. Consequently a series of mailshots were organised. In September a mailshot was sent to the Heads of Maths in all secondary schools and

the largest 10,000 primary schools. This was followed by a pack containing copies of all our publications which was sent to PGCE tutors at 98 teaching establishments. Both of the schools campaigns were reasonably successful and the PGCE mailshot led to a significant increase in the number of student members. In January 2009 it became possible to join the Association on-line and so in February we did an email mailshot to secondary and primary schools. It is harder to track the effect of email campaigns but since the facility became available there has been a steady increase in the number of on-line applications. After the March Council meeting all members of Council and Teaching Committee were sent 50 membership leaflets and asked to distribute them at any MA events, conferences and talks they went to. This direct word of mouth marketing is often the most effective. Once again Marcia and those at HQ were very helpful in manning a stand at the MA Annual Conference and at a number of other events and conferences throughout the year. During 2008/9 work started on the re-design of the website. It will not come on-line until later in 2009 but much thought went into it during the early part of 2009 and it is hoped that once launched it will make a considerable impact and will lead to a significant number of new members. In 2009/10 it is planned not only to run further mailshot campaigns but to encourage more members to pay by direct debit by making the facility available as soon as someone joins the Association.

Sue Singer (Chair)

Primary Mathematics Challenge

The number of schools taking the PMC in November 2008 was 2694 with 99 390 papers being sold. Feedback was once again overwhelmingly positive though many teachers felt that it was harder than usual. Here are some of the comments.

Teachers:

*Excellent learning resource : It created a real buzz :
 Good illustrations : Parents thought it was excellent :
 There is a renewed interest in maths since the PMC :
 An excellent challenge of mathematical thinking :
 Thank you for an enjoyable challenge : Answers and
 Notes are useful : Lots of maths investigations will
 now follow : The pupils are now challenging their
 families : It raised the status of maths in the school :
 We will do it again next year:*

Pupils:

*I liked Nelly, Kelly and the jelly : That was really
 brilliant : The best thing I have done in maths – ever
 : My head hurts : I had to rack my brains : Fun but
 horrible at the same time : I liked the practice
 questions the best : I enjoyed Anna Nokemova : I
 never knew I would use 1200m of toilet paper a year :
 You will be OK if you think carefully : I really felt
 proud :*

The number of high scoring pupils entering the Finals was 692 and we awarded 49 gold medals, 144 silver medals and 176 bronze medals.

We had some lovely photographs of Romanian pupils with their PMC certificates. The teacher commented: 'Our pupils have been enchanted by the contest which is another type of maths ... they have tremendously liked and in which they are very interested'.

The price for a pack of ten PMC papers, certificates and Mark Scheme will change to £8.50 + VAT for November 2009. Schools with MA Institutional Membership will benefit from a reduced price for PMC packs (£7 + VAT). Schools will be able to register, send in feedback and their pupils' results on-line from now on.

Peter Bailey (Chair of PMC Management Team)

Library Committee

The Wittgenstein Papers: Professor Arthur Gibson gave a presentation on the MA's papers of Francis Skinner at the MA 2009 Conference in Cambridge. He is continuing to work on all these papers for publication and the MA has agreed to extend the period of its loan to Trinity College Library. Mike Price, MA Librarian, is assisting Professor Gibson in the historiography for these papers, which, in 1941, passed from Wittgenstein to R L Goodstein who after the war became a Professor of Mathematics (1948) and MA Librarian (1953) at University College Leicester (the University of Leicester from 1957).

Donations and Disposal of Surplus Books: Donations of books, pamphlets and periodicals (MA and IMA) have been accepted from Jean Thurston, widow of John, and from Howard Fay. Over 200 titles have accumulated at MAHQ but the majority are duplicates. The bulk of the surplus has either been moved on to teachers and students via the University of Leicester School of Education or offered to delegates at the MA Conference in Cambridge. Some of John Thurston's duplicate books will also be added to the collection of books from the libraries of the late Charles Attwood and John Hersee, now shelved in the John Hersee Room. Donations for duplicates have raised £170 for the MA Library fund.

Cataloguing: Around 400 new catalogue records for MA books have been created, starting late in 2008 after the opening of the new David Wilson Library; additional catalogue funding of £1K was provided by the MA. These records include 130 Hersee books for the Special Collection and a further 70 have since been transferred for cataloguing in 2009. Some mathematical tables and anonymous titles from the Hersee collection of older books remain to be transferred, alongside some newer Hersee books for the open stacks. The movement of Hersee books to the University has substantially reduced the overall value of the stock at MAHQ and reduced insurance cover can now be negotiated. Efforts to secure external funding for cataloguing the Hersee collection have proved unsuccessful, although negotiations with the new STEM Resource Centre staff at York, including a day visit to Leicester, were informative for both parties. Advice from University staff suggests that trust funding for future work on the large Hersee manuscript collection might be forthcoming.

MA Website: The MA Library web pages have been edited to accommodate the changes in accommodation and services provided within the new David Wilson Library of the University of Leicester. The MA Library will be highlighted on the new MA website.

Mike Price (Librarian, and Chair of Library Committee)

Teaching Committee

As always, the vast majority of the work undertaken by Teaching Committee has been implemented through its subcommittees, which have been rationalised to comprise age-related groups in three phases, together with an

overarching ICT subcommittee since it is felt this area particularly benefits from a cross-phase approach, as well as being too important to be subsumed into other stage-related work. The subcommittees work enormously hard on behalf of the MA, and I would like to thank them, and especially their chairs, for the effort they put in throughout the year. You will gather some small idea of the extent of their work from the reports that follow. Teaching Committee itself meets three times a year as well as at the MA Annual Conference, reviewing the work of subcommittees, communications with a variety of bodies including QCA, ACME, JMC and the NCETM, and national issues. We feed into the work of other committees of the MA, for example with ideas for professional development initiatives and publications. This year it has felt as if much of our work has been reactive, with the Williams Review, the Rose Review, and a variety of national consultations on 14-19 Pathways, and professional proposals such as the Masters in Teaching and Learning, and the proposed Chartered Mathematics Teacher status, to respond to. As always, responses have been sought across Teaching Committee but also, via the website and MA News, from the wider MA community. Communications offered have sometimes been muted, which of course is a reflection in part of the undoubted pressures under which many teachers work, as well as the diffidence of some non-teachers in proffering their views. Inevitably, then, the response compiled does not fully reflect each individual's viewpoint but is an amalgam. If you feel the MA should be taking a different, or stronger, stance, then next time please try to take the time to communicate your thoughts. Increasingly we are trying to find common ground with other mathematics associations so as to present joint responses to issues of national importance. The MA does make a difference: for example, the 'rescue package' hammered out for Mathematics in the wake of the disastrous Curriculum 2000 experiment, was the brainchild of four members of Teaching Committee, backed up by reflections off others. Other issues, such as the prolonged and damaging effects of a succession of high-stakes testing regimes, remain outstanding concerns that we continue to pursue through appropriate channels. The MA does have direct invited input to many central advisory groups and discussion fora, though there have in recent years been concerns that some of these groups are cosmetic in effect, and we have expressed such concerns to the relevant bodies. When wider mathematical community views are sought, as with the GCSE Mathematics consultation during the Autumn, we often have little input into the precise form a questionnaire takes (and perhaps some Key Stage 4 students could construct one with a little less bias), but unless individual members of the association respond, as well as the MA as a professional association, your views will not be fully taken into account. By the time you read this the Mathematics Level 3 consultation should be imminent. If you have preferences about the direction taken, do please express them: certainly those with strong views, who sometimes have little contact with real students, will not hesitate to do so. Teaching Committee meetings also have an additional focus: this year we have welcomed speakers about Diplomas, and about the Professional Development Committee (the Key Stage 3/4 curriculum was the focus in January 2008), while January's meeting spent time considering improvements to

the website. We try to keep representation on the committee balanced, so Early Years and Primary issues also feature. As you will be well aware, at present there is no shortage of innovations to discuss! There remain outstanding concerns that we intend to continue to work through, including the punishing pace of change, the continuing high stakes nature of too much assessment, the focus on valuing what can be measured rather than assessing what we value, and our perception that students, teachers, mathematics, and mathematics education are precious enterprises each more than the sum of the parts documented for audit purposes. Throughout the current turmoil, then, the principle focus of Teaching Committee is to find ways to enhance the experience of students and teachers in the classroom. This does not happen without reflection and commitment on the part of individual members, teaching and non-teaching (the latter sometimes help us keep a perspective when the DCSF, or government bodies in Wales, Scotland or Northern Ireland, go into overdrive!). During my seven years on Teaching Committee I have had the privilege of working with many inspirational colleagues who have given freely of their time, experience and wisdom. I should like to thank them all, but especially Peter Thomas, whose meticulous attention to organisation has preserved my sanity as chair, on more than one occasion! We are committed to the ideal that all students can learn and enjoy meaningful mathematics at an appropriate level: if you would like to take a more active part in Teaching Committee's work, do please make contact.

Jennie Golding, Acting Chair of Teaching Committee

Subcommittee Reports

118 ICT Chair Karl Hayward-Bradley,
tc-118@m-a.org.uk

After a decade as Chair of the ICT Subcommittee, Adrian Oldknow stepped down from the position in December. His contribution over the years has been much appreciated. Adrian has been involved in the majority of teacher and curriculum development projects concerning the development of ICT in secondary mathematics for over two decades. His early involvement in projects such as the Microelectronics Development Programme (MEP) and its "Portable Pilots" project led to the MA becoming the coordinating body for the Teachers Teaching with Technology (T³) programme on behalf of Texas Instruments. Adrian has been instrumental in securing a number of significant projects for The MA, for example the development of the teacher development materials for the DCSF The practical pack (<http://www.dcsf.gov.uk/psp/>) and the development of the BETT award winning Mathematical Toolkit. Members of the ICT Subcommittee have formed part of the authoring and review teams for these projects. In recent years, he has spearheaded MA work with Becta and led core initiatives with the DfES. Although Adrian is stepping down as chair it is hoped that he will continue to contribute his insight, knowledge and creative ideas about ICT enhancing mathematical learning in schools through his regular contributions to *Mathematics in School* and sessions at MA events and conferences and through his work within the CPD committee. The subcommittee has seen a membership drive during the last year, welcoming seven new members with a wealth of talents and experiences. Under its new chair, Karl Hayward-Bradley, the

subcommittee will soon set its agenda for the year. It will continue under the principles of aiming to:

- ? offer advice to agencies such as Becta, QCA, TDA;
- ? offer support to schools;
- ? draw up proposals for future funded work in ICT/mathematics;
- ? produce and/or commission resources and information to support the whole mathematics teaching community in making more effective use of ICT in teaching and learning;
- ? maintain a lively, accurate and informative ICT area of the *MA Website* and otherwise improve the role that the MA plays in the ICT strategy.

121 Primary, Chair Lynne McClure, tc-121@m-a.org.uk
The subcommittee met three times in 2008, in each case together with the ATM primary committee. We now consider ourselves a joint working group. The most recent meeting took place at ATM HQ and we are hoping the next will be at MA HQ, with the one after back in London. In total we are twelve active members with a shadow group of about fifty or so who act as a sounding board where necessary. Of the core twelve, ten are already members of both associations. The meetings are very enjoyable and include doing some mathematics.

Responses We have responded separately and jointly to the various versions of Williams and Rose reviews. We have represented MA and ATM (and in some case JMC as well) at different meetings (some through CFSA, some through QCA) at which our views were sought on both reports and subsequent action.

CPD We have been active in helping with the primary day at this year's MA Annual Conference. We are confident that we have secured interesting and appropriate content and well known and respected speakers. Taking into account the shifting landscape of primary mathematics and the subsequent new and different requirements of teachers, we have consulted with other groups such as AMET, NCETM, NAMA and the National Strategies in order to place ourselves well for the next couple of years. At present we think that training for the new 'Williams' subject specialists will be catered for probably within the Strategies. We do not have the capacity to offer this sort of CPD at present. We are talking to the Institute of Education in London about a possible jointly badged (IoE, ATM, MA) one-day conference next academic year and we think it might be possible to roll it out in other venues, at other ITT institutions.

Publications We have half a book ready – the title not decided but the content began as mathematics club investigations – and the rest is in draft form so we hope that will be completed in the next six months. We would like this to be a joint MA/ATM publication but have not yet approached Publications Committee about the implications of this. Co-badging *Primary Mathematics* as a joint ATM/MA publication seems to be problematic at the moment, for a variety of reasons.

Membership We feel very strongly that there are too few primary members of both MA and ATM, and that together we can offer more than each separately. With the Williams specialists expected to take part in professional activity and join subject associations, we think the time is right to talk about joint primary membership. This would overcome the problem of *Primary Mathematics* becoming

a joint publication as members would receive both *Primary Mathematics* and the ATM publication, *Mathematics Teaching*.

129 *Post-16*, Chair Peter Thomas, tc-129@m-a.org.uk
The subcommittee addresses issues in post-16 mathematics education and provides resources to enhance the provision of it. It has fourteen members who meet three times a year in addition to holding an open meeting at the MA Annual Conference. Major subjects of discussion during the year have been Diplomas and changes to GCSE and GCE qualifications. Input on the latter has been made to the evaluators of the Mathematics Pathways project and to QCA. We continue to keep these and other issues under review with a view to helping inform and shape the MA's position on them. We are keen to improve the interface between schools and colleges and higher education. In June we were involved with the Computer Science Department at the University of Oxford in a day for teachers. It is hoped that a similar event will happen in 2009. The subcommittee has looked at developing various forms of enrichment materials for GCE mathematics, some of which saw fruition in the curriculum mapping by NRIC of its materials for Key Stage 5. We have also considered producing a collection of lesson starters, materials to support the teaching of mechanics and a book of mathematical problems with an associated website. In addition, we have kept our existing publications under review as part of a continuing programme to ensure they are up-to-date. We welcome ideas and suggestions, and offers to get involved (we would particularly like to increase our membership from among those who teach pre-16 as well as post-16). The subcommittee also circulates (roughly monthly) an electronic newsletter; if you wish to be added to the mailing list then please contact the chair.

132 11 – 16 *Chair* Rachael Read tc-132@m-a.org.uk
During the year, Mary Ledwick stepped down as Chair of the 11 – 16 Subcommittee. We are very grateful to her for her substantial work over the years.

The subcommittee addresses issues in 11 – 16 mathematics education and develops materials to enhance provision. Its members include AST's, heads of department, a mathematics consultant, teachers, and a representative from teacher training, meet once a term in Leicester. It has been a dramatic year for Key Stage 4 mathematics and a large amount of time has been taken up with discussing the changes; the new two-tier GCSE, no coursework, and functional mathematics. Furthermore the new programmes of study have caused concern in some areas due to their lack of detail, yet the subcommittee has welcomed their emphasis on problem solving and creativity. There has been concern that in some areas schools don't fully comprehend the changes to these programmes of study. These discussions have helped to inform the Association's position on several of the issues involved. The subcommittee has serious concerns about the amount of change that Key Stage 3 and Key Stage 4 teachers have experienced in the last few years. With further changes planned this will not improve. Many of the new resources are given inadequate explanation and too little time to assimilate what is being suggested or offered. Work has continued on publications. Recently time has been spent on developing ideas for the 11 – 16 part of the MA Website. At the conference, the

subcommittee organised several sessions, although due to the timing of the conference several members were unable to attend. At present the subcommittee is developing ideas for the web site, preparing resources for *Mathematics in School* and planning several more sessions at this year's MA Annual Conference. It is the intention of the subcommittee to also organise an 11 – 16 stall, showcasing resources we have developed, books that link directly to 11 – 16 education and the work of the subcommittee. This is in the hope of recruiting new members.

Officers

Acting Chair: Jennie Golding, The Woodroffe School, Lyme Regis, Dorset, tc-chair@m-a.org.uk

Vice-Chair: Cherri Moseley, Bignold Primary School, Norwich, Norfolk

Secretary: Peter Thomas, Hills Road Sixth Form College, Cambridge, tc-secretary@m-a.org.uk

Treasurer: Lynne McClure, University of Edinburgh, tc-treasurer@m-a.org.uk

Other Elected Members

Sue Forrest, The Piggott School, Wargrave, Berkshire

Paul Harris, University of Brighton

Ray Huntley, University of Gloucestershire

Jane Imrie, NCETM

Mary Ledwick, Colne Park High School, Colne, Lancashire

Liz Russell, South Hunsley School, Melton, East Yorkshire

Ex-Officio Members (and others with the right to attend meetings)

President of the Association: Robert Barbour

Secretary of the Association: Bill Richardson

Chair of Council: Barry Lewis

Representative of Branches Committee: Geoff Tennant

Editor-in-Chief: Paul Metcalf

Chair of Publicity & Membership Committee: Sue Singer

Chief executive of the Association: Marcia Murray

The British Mathematical Olympiad Sub-trust

In July 2008 the International Mathematical Olympiad was held in Madrid, after a training camp in Portugal for the UK team with the Australians. The UK emerged with four silver and two bronze medals, giving a national rank of 23rd, up on the 2007 position. Four of the six team members were participating for a second year. Prior to that a joint UK and Ireland team had taken part in the Balkan Mathematical Olympiad in May, coming 8th out of 19 teams. More recently, in February 2009, a UK team participated in the second Romanian Masters of Mathematics in Bucharest, coming 10th, so not managing to repeat the previous year's winning performance. The year has also seen the usual training camps in the UK (Bath and Trinity College, Cambridge) and overseas (Hungary) for potential Olympiad contestants. The venue for the 2009 IMO is Bremen, Germany. The British Mathematical Olympiads Rounds 1 and 2 were held in January. The now well-established Mentoring scheme continues to operate successfully, as does the Summer School in Birmingham for pupils from Years 10 and 11.

Philip Coggins (MA representative)

United Kingdom Mathematics Trust (UKMT)

The numbers of students taking the challenges this year were as follows:

JMC (April 2009): 291,130 entries; 247,740 took part.

IMC (February 2009): 258,540 entries; 182,728 took part.

SMC (November 2008): 92,550 entries; 68,477 took part.

Numbers were up on last year in the JMC and SMC, but were down in the IMC most likely due to the heavy snowfall in February. As well as the main challenges, UKMT also offer a range of other events and activities for students and for teachers. There is a Team Maths Challenge each year for teams of four 12 to 14-year olds progressing from regional competitions to the big national final. The new Senior Team Maths Challenge for teams of four 15 to 18-year olds is now established as an annual event. In addition, the popular teacher meetings continue to take place. Students continue to benefit from the mentoring scheme. In July 2008, the International Mathematical Olympiad was held in Madrid, and the team came back with four silver and two bronze medals. The 50th IMO will be held in Bremen, Germany, in July 2009. The dates for the challenges in 2009–10 are:

Junior Challenge (ages 11–13): Thurs. 29 April 2010

Intermediate Challenge (ages 13–16): Thurs. 4 Feb. 2010

Senior Challenge (ages 16–18): Thurs. 5 Nov. 2009

In addition to these three challenges, students who do well are invited to take part in the follow-on rounds, the Junior, Intermediate and British Mathematical Olympiads and the European Kangaroo. The Chair of UKMT is still Professor Bernard Silvermann. For more details of UKMT activities, visit their website, www.ukmt.org.uk

John Silvester (MA representative)

Headquarters

At April 2008, the Headquarters Team is:-

Senior Administrator - Marcia Murray

Finance Officer - Linda Medhurst

Membership Officer - Charnjit Seehra

Administrative Assistant - Lisa O'Donnell

Clerical Assistant - Anne-Marie Brown

Clerical Assistant - Emma de Riso

Marcia Murray (Senior Administrator)

Association Regulations

Regulations can be viewed at:

<http://www.m-a.org.uk/jsp/index.jsp?lnk=850>

The Council (April 2008 to March 2009)

President Mr Robert Barbour

Immediate Past President Mr Rob Eastaway

President Designate Mrs Jane Imrie

Chair of Council Mr Barry Lewis

Secretary Mr Bill Richardson

Treasurer Dr Paul Harris

Chairs of Committees

Branches Mr Keith Cadman

Conferences Miss Susie Jameson

Editor-in-Chief Mr Paul Metcalf

Professional Development Mrs Alison Clark-Wilson

Publications Mr Michael Fox

Publicity and Membership Mrs Sue Singer

Teaching Committee Mrs Jennie Golding, acting

Members-without-Office

Mr Mudher Adhami Mrs Lynne McClure

Dr David Crawford Dr Catherine Ogden

Dr Anthony Gardiner Mr Charlie Stripp

Mrs Mary Ledwick Dr Geoffrey Tennant

INCOME AND EXPENDITURE ACCOUNT: YEAR ENDED 31 DECEMBER 2008

	2008	*2007
	£	
INCOME		
Members' subscriptions	232,148	219,201
Transfer from Life Membership Fund	n/a	6,000
Donations	1,189	1,071
Editorial board	49,967	15,431
Publications	49,974	31,353
Annual conference	7,162	38,033
Branches' income	4,167	4,734
Miscellaneous income	136	658
Professional Development income	176,932	89,650
Primary Maths Challenge	(74,218)	77,901
Library Income	20	451
Funds from the Mathematical Association on incorporation	321,438	
	<u>768,915</u>	<u>484,483</u>
EXPENDITURE		
Editorial board	154,037	136,541
Publications	20,350	19,421
Publicity expenses	38,625	9,450
Annual conference	5,101	55,079
Teaching Committee	5,200	5,661
Council, branches and other Committee meeting expenses	9,798	8,658
Administration	190,096	174,484
Designated Fund expenditure	3,939	30,000
Depreciation	7,082	9,259
Professional development costs	114,828	100,054
Branches' expenditure	6,342	7,393
Website expenses	n/a	7,251
Primary Maths Challenge	41,178	41,797
Library Management fund	894	1,834
Irrecoverable VAT	7,880	
	<u>605,350</u>	<u>606,882</u>
OTHER INCOME		
Rents receivable	4,487	1,559
Interest receivable	6,055	7,747
	<u>10,542</u>	<u>9,306</u>
OPERATING SURPLUS	<u>174,107</u>	<u>(113,093)</u>

BALANCE SHEET: 31 DECEMBER 2008

	2008 £	*2007 £
FIXED ASSETS		
Tangible assets	353,306	265,880
CURRENT ASSETS		
Stocks	36,587	34,783
Debtors	13,233	14,618
Cash at bank	148,124	159,907
	<u>197,944</u>	<u>209,308</u>
CREDITORS:		
amounts falling due within one year	(137,206)	(153,750)
NET CURRENT ASSETS	<u>60,738</u>	<u>55,558</u>
TOTAL ASSETS LESS CURRENT LIABILITIES	<u>414,044</u>	<u>321,438</u>
REPRESENTED BY		
Unrestricted Funds	397,160	293,509
Restricted Funds	16,884	27,929
	<u>414,044</u>	<u>321,438</u>

*2007 figures are for the old Charity registration

Approved by the Council on 15 April 2009