

**JMC**

**Joint Mathematical Council  
of the United Kingdom**

Minutes of the JMC Council meeting held at the Royal Society on Tuesday 3 June 2008.

The JMC is grateful for the financial support of the Royal Society.

Present

*Officers*

Ros Sutherland	Chair
David Martin	Honorary Secretary
Adrian Oldknow	Honorary Treasurer

*Members*

Peter Johnston-Wilder	Association of Mathematics Education Teachers
John Hibbs	Association of Teachers of Mathematics
Not represented	British Society for Research into Learning Mathematics
Tony Mann	British Society for the History of Mathematics
Andrew Osbaldestin	Conference of Heads of Departments of Mathematical Sciences
Not represented	Edinburgh Mathematical Society
Nigel Steele	Institute of Mathematics and its Applications
Vanessa Thorogood	Institute of Mathematics and its Applications
Elizabeth Winstanley	London Mathematical Society
Roger Porkess	Mathematics in Education and Industry
Sally Barton	National Association for Numeracy and Mathematics in Colleges
Lynn Churchman	National Association of Mathematics Advisors
Brian Robinson	National Association of Mathematics Advisors
Gerald Goodall	Royal Statistical Society
Barry Lewis	The Mathematical Association

*Observers*

Diana Coben	Adults Learning Mathematics
Margaret Brown	Advisory Committee on Mathematics Education
Stephen Stanton	Department for Children, Schools and Families
Tony Holloway	Department for Children, Education, Lifelong Learning and Skills
John Marriott	Higher Education Academy
Celia Hoyles	National Centre for Excellence in the Teaching of Mathematics

Jane Jones	Office for Standards in Education
Paul Chambers	Office for Standards in Education
Paul Harper	Operational Research Society
Sue Pope	Qualifications and Curriculum Authority
Nick von Behr	Royal Society
Not represented	SEMTA
Paul Scruton	School Mathematics Project
Teresa Smart	The National Strategies
Martin Dore	Training and Development Agency for Schools
Bill Richardson	United Kingdom Mathematics Trust

*Co-opted member*

Sue Sanders	ICMI
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*Guests*

Makhan Singh	More Maths Grads
James Nicholson	BCME
Dr Pat Drake	Evaluating Mathematics Pathways
Dr Andy Noyes	Evaluating Mathematics Pathways

Item	Action
<p><b>1. Apologies</b> Janet Ainley (BSRLM), June Barrow-Green (BSHM), Colin Campbell (EMS), John Connolly (TDA), John Harris (SEMTA), Margaret Jones (ATM), Nick Doran (QCA) and Michael Reiss (RS).</p>	
<p><b>2. Appreciation of departing representatives</b> None</p>	
<p><b>3. Welcome to new guests, representatives, alternates and visitors</b> Alternates: Martin Dore (TDA), John Hibbs (ATM) and Tony Mann (BSHM) Guests: Dr Pat Drake and Dr Andy Noyes (Evaluating Mathematics Pathways) and Makhan Singh (More Maths Grads) Visitors: Paul Chambers (HMI with Ofsted), Lynn Churchman (NAMA), Lucia Costanza (DIUS with RS) and Vanessa Thorogood (IMA)</p>	
<p><b>4. Minutes of the meeting of Thursday 21 February 2008</b> These were accepted</p>	
<p><b>5. Matters arising from the minutes</b> None.</p>	
<p><b>6. Reports from Executive</b> (Note: the members of the executive are: Ros Sutherland; Adrian Oldknow; David Martin; Gerald Goodall; Barry Lewis and Elizabeth Winstanley.)</p> <p>a. Chair</p> <p>i. ICME11 Ros Sutherland reported that there was still display space available should it be wanted. Sue Sanders commented that recipients of bursaries would be staffing the stand. Jane Jones said it was possible that the OfSTED report might be out before ICME11.</p> <p>ii. Relationship with ACME Ros Sutherland reported that she had met with Adrian Smith (ACME chair). He had stated that ACME needed JMC and that contacts between the two groups should be more systematic.</p> <p>iii. JMC Secretariat Progress was being made. Gatsby would provide £8000 pa to fund the position which would be 1 day per week. It would be particularly useful in relation to ACME.</p>	

<p>b. Secretary</p> <p>i. Single Council for Subject Associations (CfSA) David Martin reported that the application from JMC to join as full members had been accepted.</p> <p>ii. Joint submission with ACME and NCETM to Rose review This had been carried out by Lynn McClure, drawing on the ATM and MA submissions. Many thanks to Lynn.</p> <p>c. Treasurer Adrian Oldknow reported that he had paid the CfSA subscription and was dealing with ICME bursaries.</p> <p>d. Chair of Nominations Committee Brian Robinson reported that there had been no requests for nominations.</p>	
<p><b>7. Report from ACME</b></p> <p>In addition to her written report, Margaret Brown gave an update on ACME membership. An extension had been made for Laurie Jacques to continue to see the Williams Report implemented but Margaret and Diana Cochrane were to step down. Nick von Behr's role was to be modified and a new ACME Head of Secretariat appointed. The Outer Circle was on hold until committee positions were filled but it would be more flexible with not all members being consulted about every issue. The issues around GCSE mathematics had not yet been decided and would go out for QCA consultation shortly. ACME will react to the Williams and to the Rose reviews.</p> <p>There was concern over AEA maths being withdrawn. The extension material in mathematics might be retained in a different format. Work was ongoing on Level 3 issues. It was likely that there would be a new project on students who leave school with qualifications at Level 2. Tony Holloway expressed that, with reference to GCSE, Wales and Northern Ireland were not being fully involved. He pointed out the disadvantage of progressing with only one mathematics GCSE for first teaching from 2010, suggesting that unless the two were considered as a package, any flexibility would be severely restricted for the development of a second GCSE in the future. This provoked a lively discussion and all agreed that a real crisis was potentially looming.</p>	
<p><b>8. Report from NCETM</b></p> <p>Celia Hoyles remarked that the Annual Report had reached draft stage and emphasised a few points.</p>	
<p><b>9. Standing Committees</b></p> <p>BCME:</p> <p>In addition to his written report, James Nicholson added that the main</p>	<p><b>All:</b> Input into</p>

<p>planning committee was to be extended shortly and that a programme committee was being formed. The latter was to meet on September 2nd and its membership includes: James Nicholson; Paul Andrews; Marie du Joubert; Liz Russell; Judy Sayers; Bill Richardson. Plenary speakers committed so far included: Marcus du Sautoy to open and Margaret Brown to close. It was hoped that, in addition to the normal wide range of sessions, there would be ‘themed’ days. Nick von Behr recommended that the committee looked at the format of the ASE annual conference.</p>	<p>BCME programme</p>
<p><b>10. Higher Education</b> Elizabeth Winstanley added a few remarks to her written report. MoreMathsGrads: Makhan Singh summarised his written report.</p>	
<p><b>11. Teacher Education</b> Peter Johnston-Wilder reported that AMET was involved in the production of two CD ROMs, one each for primary and secondary. These were to be distributed to relevant NQTs during the summer. It seemed that the recruitment for Secondary trainees was patchy, some establishments were happy, other less so. The TDA said recruitment was down by about 1% on the corresponding stage in 2007.</p>	
<p><b>12. International Affairs</b> Sue Sanders commented on:</p> <ul style="list-style-type: none"> <li>(i) 24 ICME bursaries given</li> <li>(ii) LMS is the adhering organisation for the UK. There was a discussion about the UK vote for the 2010 – 2012 ICMI Executive Committee</li> <li>(iii) In 2010 the ICM is to be held in India</li> <li>(iv) JMC’s role in UK dealings with ICMI and IMU</li> </ul>	
<p><b>13. JMC Website</b> David Martin reported that the site was being updated.</p>	
<p><b>14. Update on current developments.</b> Update on current developments:-</p> <ul style="list-style-type: none"> <li>a. TDA John Connolly said applications were going well. In particular subject enhancements (6 months intensive) had 330 recruited as against 260 in 2007. There was an increase in pre-initial TT places, especially so in shortage subjects. There is a new project: transition to teaching which was aimed at employees leaving a company. There are about 350 places. The uptake of HLTA places was increasing. Currently there are 723 maths trainees and 1428 in maths and science. A survey of NQTs found evidence of some improvements but</li> </ul>	

<p>a lack of pupil-assessment skills.</p> <p>At the November JMC meeting, there would be an opportunity to comment on the M level issues.</p> <p>b. QCA</p> <p>Sue Pope invited comments. Brian Robinson said that there was a positive reaction to the Engaging Mathematics for All Learners project, and Makhan Singh was enthusiastic about the project link with the RI and the STEM directories. Sally Barton was supportive of the pilot GCSE use of mathematics, saying that an alternative provision was needed for post-16 GCSE resit students. James Nicholson said that QCA's functional skills case studies would be a valuable resource for schools and looked forward to them becoming available in the near future.</p> <p>c. DCELLS</p> <p>Tony Holloway added to his report that the Foundation phase materials had been distributed with roll-out expected to begin in September.</p> <p>d. OFSTED</p> <p>Jane Jones commented briefly.</p> <p>e. The National Strategies</p> <p>Teresa Smart made a few brief comments to supplement her written report.</p>	
<p><b>15. Dates of future meetings</b></p> <p>Thursday 13 November 2008; Tuesday 24 February 2009; Thursday 11 June 2009 – all at the Royal Society</p>	
<p><b>16. AOB</b></p> <p>Concern was expressed about the lateness and multiple versions of some papers.</p>	
<p><b>Evaluating Mathematics Pathways – discussion</b></p> <p>led by Dr Pat Drake and Dr Andy Noyes</p> <p>Pat and Andy introduced their 2007 – 2010 evaluation for QCA of 14-19 Pilot Mathematics Qualifications. This includes pilots by OCR and AQA of: Functional Mathematics; GCSE Mathematics; AS and A2 Mathematics and Further Mathematics; Free Standing Mathematics Qualifications; Use of Mathematics (GCSE, AS and A2). The 2007-08 focus is on Functional mathematics and GCSE 1 and 2, while the 2008-09 focus is on AS, A2 and FSMQ with the 2009-10 focus on completing A2 and all other pilots. They identified early issues and enabled further discussion.</p>	