

Friday 7 April										
1500 -1720		Registration with tea/coffee and settling in <b>Guided tour with Florence Nightingale 16.20 – 17.20</b> Math Trail available in vestibule until 15.30 on Saturday (prize draw from successfully completed trails).								
<b>Opening Plenary</b>	1730-1845	<b>Welcome and Liz Meenan: <i>Geometry for all through paper folding</i></b>								
AGM/Newcomers	1845-1930	<i>First timers' welcome session (Liz Russell, Sue Forrest and Oli Thompson)</i>								
Dinner	1900-2030	<i>Founders Dining Room</i>								
Social event	2030-2130	<i>Quiz (accessible, mathematical and light-hearted) in Crossland Suite</i>								
Saturday 8 April		Prim 1	Prim 2	Sec 1	Sec 2	Post 16 A	Post 16 B	All	General	T&L with ICT
<b>Primary Plenary</b>	0900-1015	<b>Debbie Morgan (NCETM), <i>What is mastery, why does it matter, and what are teachers doing where it's working well?</i></b>								
Session 1	1020-1135	Rachael Horsman <i>Activities for developing geometrical thinking in Primary</i>	Sian Thomas (Inspire Maths) title tbc	Kevin Lord <i>Solving problems with card and paper</i>	Peter Ransom <i>Developing ratio and proportion</i>	Mick Blaylock <i>Core Maths Update</i>	Tom Roper <i>Mechanics and human motion</i>	Robert Barbour <i>Recruiting, retaining and supporting mathematics teachers</i>	Adam McBride <i>The Simpsons rule</i>	Douglas Butler <i>Autograph for 11-16 mathematics</i>
<b>Break</b>	<b>1135-1200</b>	<b>P u b l i s h e r s   E x h i b i t i o n</b> and Refreshments								
Session 2	1200-1315	Fran Watson <i>Mining nrich in the Primary school</i>	Maths No Problem <i>'Singapore maths' for mastery</i>	Simon Mazumder title tbc	Colin Foster: <i>Mathematical Etudes</i>	Sidney Tyrrell <i>Making sense of statistics</i>	Andrew Taylor <i>Problems, models and data... the challenges of the new A-level.</i>	Chris Budd <i>Using climate change to motivate teaching</i>	Chris Pritchard <i>Round peg in a square hole</i>	Mark Dawes <i>Geogebra 1: getting started</i>
<b>Lunch</b>	<b>1315-1415</b>	<b>P u b l i s h e r s   E x h i b i t i o n</b>								
Session 3	1415-1530	Rose Griffiths/Sue Gifford <i>Manipulatives with 3-9 year olds</i>	Jo Lees <i>KS2 tests: learning points</i>	Liz Russell <i>Resources to use with feeder schools to support transition</i>	Kathryn Greenhalgh/Charlotte Thompson <i>Developing reasoning</i>	Nick McIvor <i>Core Maths on the ground: what works?</i>	Graham Griffiths <i>Beyond GCSE resits: provision for post-16s without a C+</i>	Margaret Brown <i>Mathsworld UK</i>	Peter Neumann <i>A prehistory of Lagrange's theorem</i>	Douglas Butler <i>Chasing PS ideas from the web</i>
<b>Break</b>	<b>1530-1550</b>	<b>P u b l i s h e r s   E x h i b i t i o n</b> and Refreshments								
Session 4	1550-1700	Ruth Bull <i>Fluency through games</i>	Pete Sides <i>Bar modelling-bar logic.</i>	Mel Muldowney (JustMaths) title tbc	Colin Foster and Jeremy Hodgen <i>Moving your underachieving year 9's</i>	Fiona Allen <i>Making GCSE resit classes work</i>	Will Hornsby (OCR) <i>Large data sets for KS4 and 5</i>	Pietro Tozzi (Pearson) <i>Bringing maths teaching into the 21<sup>st</sup> century</i>	Jim Simons <i>Meet the surreal numbers</i>	Stephen Britton <i>Beginning to use Desmos in the classroom</i>

Saturday continued

1705-1800	Open meeting Teaching Committee in Auditorium: <i>Challenges and Opportunities in UK Maths Education</i>
1830-1930	<b>President's Reception in the Picture Gallery (with optional tour)</b>
1930-2045	Dinner in Founders Dining Room
Dining Hall Bar	<b>Saturday night special with Ben Sparks and David Acheson: <i>A mixture of maths and live music, in which David and Ben will attempt to explore their common denominators</i></b>

Sunday 9 April		Prim 1	Sec1/Prim2	Sec 2	Sec 3/Post 16 A	Post 16 B : FM Starnd 1	Post 16 C: FM Strand 2	All	General	T&L with ICT	
President's Address	0900-1010	<b>Jennie Golding</b> <i>Is it mathematics or is it school mathematics?</i>									
Session 5	1015-1125	Primary sub-committee title tbc	Lucy Rycroft-Smith <i>Using board games in the classroom 7-16</i>	Nicola Bretscher: <i>Developing reasoning in geometry</i>	Lisa Pollard <i>Mathematics at level 3: challenges and opportunities</i>	Keith Profitt <i>Combinatorics: a new pure topic in FM</i>	Stella Dudzic: <i>Statistics in Further Maths</i>	Ems Lord <i>Wildmaths</i>	Gerry Leversha <i>One problem, many solutions</i>	Mick Blaylock <i>Spreadsheets in action with students 15-18</i>	
Break	1125-1145	<b>P u b l i s h e r s   E x h i b i t i o n</b> and Refreshments									
Session 6	1145-1255	Katie Crozier <i>Numberlink Boards</i>	Julia Brown <i>Primary Maths Challenge at transition (Prim/Sec)</i>	Oli Thompson and/or 11-16 s-c title tbc	Julia Smith <i>Recharge and motivate: ideas for GCSE resits (or others challenged by GCSE)</i>	Keith Profitt: <i>Modelling with algorithms: the second half</i>	Richard Lissaman: <i>Ideas for teaching matrices, transformations and vectors in FM</i>	Darren Macey title tbc	Nick Lord tbc	Douglas Butler <i>Autograph for 16-19 mathematics</i>	
Lunch	1255-1340	<b>P u b l i s h e r s   E x h i b i t i o n</b>									
Session 7	1340-1450	Jennie Pennant <i>Every lesson a PS lesson</i>	tbc	Rachael Horsman <i>Ideas for developing geometric thinking</i>	Lizzie Kimber <i>Underground Maths</i>	Stella Dudzic: <i>Mechanics: a close look at two topics</i>	Richard Lissaman: <i>Sets, logic and Boolean algebra: a new topic in Pure FM</i>	Tom Roper: <i>Taxi cab geometry</i>	Joyce Brown: <i>The mathematics of bellringing</i>	Mark Dawes <i>Further Geogebra</i>	
Closing Plenary	1500-1610	<b>Rob Eastaway</b> <i>Solving outside the box: creativity in problem solving</i>								Keith Profitt: <i>Your school's FM offer: decisions</i>	Richard Lissaman: <i>Using technology to investigate DEs</i>
End	1610-1630	Closing refreshments									
16.15	Open meeting Branches										

***This planned programme is communicated in good faith but some aspects of it are outside the control of The Mathematical Association, so we reserve the right to change it.***