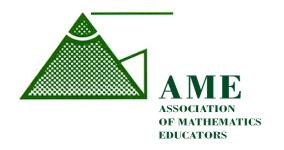
Mathematics Teachers Conference

Theme: Mathematical Literacy

2007

1st June 2007 National Institute of Education 1 Nanyang Walk Singapore



Jointly organized by:

- Association of Mathematics Educators
- Mathematics and Mathematics Education AG,
 National Institute of Education, NTU



Keynote Lectures

Primary

- Mathematical Literacy What, Why and How? by Dr Fong Ho Kheong (Founding President of AME)
- Relating Literacy to Mathematics Learning by A/P Douglas Edge (MME/NIE)

Secondary

- Mathematical Literacy The Case of Quantitative Reasoning by Dr Liu Yan (CRPP/NIE)
- Multiple "Literacies" of Representations The Case of the Model Method and Letter Symbolic Algebra by A/P Ng Swee Fong (MME/NIE)

Junior College

- Reading and Writing Mathematics by Dr Tay Eng Guan (MME/NIE)
- Singapore's Junior College Students' Literacy and Competence in Mathematics by Ms Jenny Loong Choo Juan (Balestier Hill Secondary School) & A/P Berinderjeet Kaur (MME/NIE)

Special Lectures

Guest Speaker: Professor Jin Akiyama

Professor of Mathematics &

Director of the Research Institute of Educational Development

Tokai University

Lecture Topics: Junior College – Experience Mathematics

Secondary & Primary – Seven Questions for Mathematics Teachers

Concurrent Workshops (Participants to attend only one)

Primary

- Mathematical Literacy Through the Use of Manipulative for Lower Primary by Dr Cheng Lu Pien (MME/NIE)
- P 2 Learning for Understanding: Some Metacognitive Strategies by Mr Chan Chun Ming Eric (MME/NIE)
- P 3 How to Help Upper Primary Pupils Develop Mathematical Literacy? by Ms Chua Kwee Gek (HOD/Mathematics Deyi Secondary School)
- P 4 Talking and Writing Mathematics in the Classroom by Ms Ho Geok Lan (MME/NIE)
- P 5 Thinker-Doer Paired Problem Solving: A Strategy for Communication in the Mathematics Classroom by A/P Foong Pui Yee (MME/ NIE)
- P 6 Writing Assessment Items for Mathematical Literacy at the Primary Level by Dr Jaguthsing Dindyal (MME/NIE)
- P 7 Using Technology to Enhance Mathematics Literacy in the Primary School Curriculum by Mrs Irene Ong (MME/NIE)
- P 8 Teaching Data Analysis: Some Ideas for Primary Mathematics Classroom by A/P Koay Phong Lee (MME/NIE)
- P 9 Calculator in the Primary School by Dr Soon Yee Ping (MATHLODGE)

Secondary S1 -

- What Can Students Learn from Mathematically-Rich Games? by Mr Joseph Yeo Boon Wooi (MME/NIE)
- S2 Promoting Mathematical Literacy Through Activities in the Lower Secondary Mathematics Classroom
 by Dr Yeo Kai Kow Joseph (MME/NIE)
- S3 Data Analysis with IT by A/P Yap Sook Fwe (MME/NIE)
- S4 Problem Posing Strategies for Secondary Mathematics by Mr Chua Puay Huat (MME/NIE)
- S5 Great Achievement towards Mathematics Excellence (GAME)! by Nicole Ng, Shirley Choo, Chang Meng Pat & Lim Bin, (Woodgrove Sec School)
- S6 Developing Higher Order Thinking Skills in Upper Secondary Mathematics Classrooms by Dr Toh Tin Lam (MME/NIE)
- S7 Mathematical Literacy The Use of Symbols and Logic by Mdm Teo Soh Wah (MME/NIE)
- S8 From Model Method to Letter-Symbolic Algebra Helping Students Make the Move by A/P Ng Swee Fong (MME/NIE)

Junior College

- J 1 Making Statistical Inferences by Dr Cheang Wai Kwong (MME/NIE)
- J 2 "Mathematical Literacy versus Mathematical Etymology" by Dr Paul M.E. Shutler (MME/NIE)
- 3 Improving Mathematics Literacy with the Graphing Calculator by Dr Ng Wee Leng (MME/NIE)

Please visit our webpage: http://math.nie.edu.sg/ame/ for

- abstracts of lectures and workshops
- registration details

You are advised to register early as places are limited. Registration closes on: Saturday 14th April 2007.

