

## IB ASIA PACIFIC REGIONAL WORKSHOP AGENDA

DP Mathematics SL (Level 1)

Sutera Harbour Resort, Kota Kinabalu, East Malaysia

11 – 13 September 2009, Friday - Sunday

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### Workshop Leader

#### **David Martin**

David has taught in Sydney, Launceston, Canberra, Adelaide and USA. He currently teaches at St Peter's College, Adelaide where he has taught Mathematics HL, Mathematics SL, Mathematical Studies and Theory of Knowledge. He is an assistant examiner for Mathematics HL and attended the grade award meeting for that subject in December 2003.

He has been actively involved in mathematics teachers' associations and is a past President of the Mathematical Association of South Australia.

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#### **All participants are requested to bring with them the following:**

- A copy of this Agenda
  - A copy of the current Mathematics SL Guide
  - Resources and Ideas to Share
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*Please note: session topics are subject to change based on needs of the group*

Friday, 11 September

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|-------------|---|
| 0830 - 0900 | <b>Welcome &amp; Introduction</b>   |
| 0900 - 1000 | <b>Session 1: Overview and Aims of the Course</b> <ul style="list-style-type: none"><li>▪ Introductions</li><li>▪ Structure of the IB Diploma</li><li>▪ Mathematics in the IB Diploma</li></ul>                   |
| 1000 - 1030 | Morning Break   |
| 1030 - 1200 | <b>Session 2: The Diploma Programme and the Student</b> <ul style="list-style-type: none"><li>▪ Learner Profile Booklet</li><li>▪ International Awareness</li><li>▪ Academic Honesty</li></ul>                    |
| 1200 - 1300 | Lunch   |
| 1300 - 1430 | <b>Session 3: Teaching Mathematics SL (a)</b> <ul style="list-style-type: none"><li>▪ Course Content</li><li>▪ Assessment Overview</li><li>▪ Information Booklet</li></ul>  |
| 1430 - 1500 | Afternoon Break   |
| 1500 - 1630 | <b>Session 4: Teaching Mathematics SL (b)</b> <ul style="list-style-type: none"><li>▪ Planning the Programme</li><li>▪ Relationship with Mathematics HL</li><li>▪ Using the Graphics Display Calculator</li></ul> |
| 1630        | End of Day 1  |

Saturday, 12 September

|             |  |
|-------------|--|
| 0830 - 1000 | <b>Session 5: The Portfolio – Type 1</b> <ul style="list-style-type: none"><li>▪ Teacher Support Material</li><li>▪ Requirements and Criteria</li><li>▪ Assessment Exercise</li></ul>                              |
| 1000 - 1030 | Morning Break  |
| 1030 - 1200 | <b>Session 6: The Portfolio – Type 2</b> <ul style="list-style-type: none"><li>▪ Requirements and Criteria</li><li>▪ Incorporating the Portfolio in the Teaching Programme</li><li>▪ Assessment Exercise</li></ul> |
| 1200 - 1300 | Lunch  |
| 1300 - 1430 | <b>Session 7: Theory of Knowledge</b> <ul style="list-style-type: none"><li>▪ What is ToK?</li><li>▪ ToK in the Mathematics SL Classroom</li><li>▪ ToK Assessment</li></ul>  |
| 1430 - 1500 | Afternoon Break  |

1500 - 1630            **Session 8: Resources and the Online Curriculum Centre**  
                                  ▪ Resources  
                                  ▪ What's Available on the OCC  
                                  ▪ Exploring the OCC

1630                      End of Day 2

Sunday, 13 September

0830 - 1000            **Session 9: External Assessment (a)**  
                                  ▪ Examination Structure  
                                  ▪ Marking Criteria  
                                  ▪ Marking Exercise Paper 1

1000 - 1030            Morning Break

1030 - 1200            **Session 10: External Assessment (b)**  
                                  ▪ Marking Exercise Paper 2  
                                  ▪ Curriculum Review  
                                  ▪ Grade Awards

1200 - 1300            Lunch

1300 - 1430            **Session 11: Extended Essay**  
                                  ▪ Guidelines  
                                  ▪ Assessment Criteria  
                                  ▪ Sample Essays

1430 - 1500            Afternoon Break

1500 - 1600            **Session 12: Reflections and Evaluation**  
                                  ▪ Concluding Discussion  
                                  ▪ Evaluation

1600                      Workshop Closes and Award of Certificates\*

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\* An official "IB Certificate of Attendance" is awarded to participants who have attended all sessions of a workshop. Please ensure that travel arrangements do not preclude candidacy for a certificate.