

IB ASIA PACIFIC REGIONAL WORKSHOP AGENDA

DP Maths Studies (Level 1)

Sutera Harbour Resort, Kota Kinabalu, East Malaysia

11 – 13 September 2009, Friday - Sunday

Workshop Leader

Glenn Smith *B.Ed, Dip.T*

Glenn is head of Mathematics at Glenunga International High School in South Australia. He has taught high school mathematics for many years in diverse locations.

An Exam Setter, Vetter and assistant examiner in the local system, Glenn has been involved in IB Mathematical Studies since 2002. He has been an assistant examiner in the IB Diploma programme since 2005 where he marks paper two and moderates the Internal assessment.

Glenn is a member of the group 5 internal assessment review committee.

All participants are requested to bring with them the following:

- A copy of this Agenda
 - Mathematical Studies SL subject guide.
 - Copy of your school's Maths Studies programme.
 - Your graphics display calculator
 - A USB stick
 - Any Tests, Assignments, Projects for discussion
 - Ideas, experiences, questions, and concerns
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Please note: session topics are subject to change based on needs of the group

Friday, 11 September

0830 - 0900	Welcome & Introduction
0900 - 1000	Session 1: Introductions and overview <ul style="list-style-type: none">▪ Focus and aims of the Workshop▪ The IB Model. Group 5 Mathematics▪ The nature of the Mathematical Studies Student
1000 - 1030	Morning Break
1030 - 1200	Session 2: Curriculum and Assessment <ul style="list-style-type: none">▪ The Syllabus; a detailed study▪ Examinations and Internal Assessment▪ Review of the May 2008 paper 1 and paper 2.▪ Expectations and concerns
1200 - 1300	Lunch
1300 - 1430	Session 3: Internal Assessment <ul style="list-style-type: none">▪ Purpose of internal assessment.▪ Plagiarism and academic honesty▪ Criteria for Assessment▪ Marking Students work
1430 - 1500	Afternoon Break
1500 - 1630	Session 4: Project marking to the Assessment Criteria <ul style="list-style-type: none">▪ Marking students work continued▪ Managing the process
1630	End of Day 1

Saturday, 12 September

0830 - 1000	Session 5: Developing projects <ul style="list-style-type: none">▪ Improving poor projects▪ Developing ideas for projects▪ Issues and Concerns
1000 - 1030	Morning Break
1030 - 1200	Session 6: Specimen Paper 1 <ul style="list-style-type: none">▪ Marking Instructions▪ Follow through procedures▪ Marking Students work
1200 - 1300	Lunch
1300 - 1430	Session 7: Graphic Display Calculators <ul style="list-style-type: none">▪ Applications for a range of topics (Casio and Ti)▪ Using the GDC to solve problems in different ways▪ Assessment – method marks
1430 - 1500	Afternoon Break

1500 - 1630	Session 8: Resources. The OCC <ul style="list-style-type: none"> ▪ Finding Help ▪ Textbooks, websites and other resources ▪ Teacher resource materials
1630	End of Day 2
<u>Sunday, 13 September</u>	
0830 - 1000	Session 9: Specimen Paper 2 <ul style="list-style-type: none"> ▪ Marking instructions ▪ Use of the GDC in Examinations ▪ Marking student work
1000 - 1030	Morning Break
1030 - 1200	Session 10: Teaching the Chi² Test and Differential Calculus <ul style="list-style-type: none"> ▪ χ^2 Test ▪ Differential Calculus
1200 - 1300	Lunch
1300 - 1430	Session 11: Theory of Knowledge <ul style="list-style-type: none"> ▪ General Discussion: Looking at things differently. ▪ Developing an understanding of Mathematical knowledge ▪ Where does the Maths Studies teacher fit in
1430 - 1500	Afternoon Break
1500 - 1600	Session 12: Plenary session <ul style="list-style-type: none"> ▪ Internationalism and Mathematics ▪ Lets stay in touch ▪ Issues and concerns
1600	Workshop Closes and Award of Certificates*

* 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.