

IB ASIA PACIFIC REGIONAL WORKSHOP AGENDA

DP Chemistry (Level 1)
King Georg V School, Hong Kong
2 - 4 October 2009, Friday - Sunday

Workshop Leader

Mr Gary Horner

Currently Head of Science and i/c Chemistry at King George V School, Hong Kong, he has been an Examiner of IB Diploma Chemistry since 2006. He has attended workshops in Armidale, Australia; Bilbao, Spain; Nice, France; Vancouver, Canada; Mumbai, India; Hong Kong and Singapore.

Prior to his current position, he taught in Switzerland at The International School of Lausanne and The International School of Geneva where he was also CAS coordinator.

Australian by birth, he was a member of the Chemistry Subject Review Panel for South East Queensland for many years, has taught at the secondary level for over 20 years and within several Universities in Australia where he was involved with the Teacher training programs. He is a graduate of the University of Queensland holding a B Sc, Grad Dip Ed and M Ed St. In addition, he is a chartered chemist of the Royal Australian Chemical Institute.

All participants are requested to bring with them the following:

- A copy of this Agenda
 - A copy of the current Chemistry Syllabus Guide
 - Examples of resources (books, DVDs, articles, reference lists, workbooks, etc) that can be shared by the group.
 - Any questions on matters and issues that have arisen in teaching IB Chemistry.
 - A high capacity thumb drive for resource sharing.
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Please note: session topics are subject to change based on needs of the group

Friday, 2 October

0830 - 0900

Welcome & Introduction

0900 - 1000

Session 1: An Overview and Aims of the Workshop

Following introductions among the members of the group, there will be a small activity followed by a brief introduction to the structure of the I.B. Diploma and the place of Chemistry within it. Time will be devoted to identifying issues for future discussion based on your experiences in preparing for, or implementing the IB Diploma Chemistry course.

1000 - 1030

Morning Break

1030 - 1200

Session 2: The Big Picture

During this session we will discuss the structure of the course, focusing on Core and AHL objectives, topic sequencing, Options, Assessment for SL and HL, Internal Assessment and points of discussion that arise.

1200 - 1300

Lunch

1300 - 1430

Session 3: Internal Assessment (IA)- Developing your PSOW

A detailed discussion of all aspects of the internal assessment component for both SL and HL will include aims and objectives, the nature of the coursework, examples of suitable topics of investigation, the purpose for performing an investigation, the use of ICT, PSOW software, writing IA reports, applying the assessment criteria, subject reports, supervision and authentication and moderation procedures.

1430 - 1500

Afternoon Break

1500 - 1630

Session 4: Group IV Project

The role of the Group IV Project will be discussed. Selection of topics, teacher/students input balance, timing, assessment criteria, ideas and practical suggestions will be explored.

1630

End of Day 1

Saturday, 3 October

0830 - 1000

Session 5: The Chemistry Syllabus- A Detailed Analysis

This session is designed to allow participants to develop an in-depth understanding of the structure of the syllabus, its contents, linkages between the topics and their connection to the examinations. Practical information on its use as a teaching tool will also be highlighted.

1000 - 1030

Morning Break

1030 - 1200	<p>Session 6: The Options</p> <p><i>The topics, how to select your options, what are the considerations, pedagogic strategies, timetable options and timings, assessment and looking forward.</i></p>
1200 - 1300	Lunch
1300 - 1430	<p>Session 7: Internal Assessment- Marking and Moderation. What lies ahead?</p> <p><i>In this session you will mark some exemplar scripts, applying the marking criteria and then be involved in discussions of the standards that are required and the moderation process.</i></p>
1430 - 1500	Afternoon Break
1500 - 1630	<p>Session 8: Resources - the Online Curriculum Centre (OCC) and the Internet, Resources, Data logging investigations and more</p> <p><i>This session is all about resources. We will take the time to share resources, discuss what is useful and what is not, explore some recommended web sites and spend some time on the OCC. Towards the end of the session you get the opportunity to work with Vernier Data Logging Equipment.</i></p>
1630	End of Day 2
<u>Sunday, 4 October</u>	
0830 - 1000	<p>Session 9: Paper 1 and Paper 2 HL External Examinations</p> <p><i>The structure of the examination papers will be discussed, including an analysis of the examiners' expectations. Having marked a selection of scripts prior to this session, we will examine how you performed. Where do the differences lie? How can this knowledge inform your teaching practice?</i></p>
1000 - 1030	Morning Break
1030 - 1200	<p>Session 10: TOK- Theory of Knowledge</p> <p><i>A discussion of effective ways of integrating Chemistry and the teaching of Theory of Knowledge. Please bring along your ideas- what worked and what you would have done differently.</i></p>
1200 - 1300	Lunch
1300 - 1430	<p>Session 11: Extended Essay</p> <p><i>Discussion of the guidelines for the EE, understanding the criteria for evaluating extended essays, selection of suitable topics, presentation of extended essays, scheduling of laboratory time, achieving the correct balance of teacher input and hints on how to make it work!</i></p>

1430 - 1500

Afternoon Break

1500 - 1600

Session 12: Evaluation, Reflections and the Final Report

This session will allow participants the time to discuss and report on issues of importance that have arisen during the workshop. The workshop will be evaluated, conclusions drawn and a final report compiled which will be forwarded to the IBCA and/or Chemistry Chief Examiner as appropriate.

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.**