

IB ASIA PACIFIC REGIONAL WORKSHOP AGENDA

MYP Sciences (Category 1)
Clifton's Training centre, Melbourne, Australia
16-18 April 2010, Friday - Sunday

Workshop Leader

Brian Webster

Brian Webster is a UK trained secondary school teacher. He spent five years in Agricultural Research after leaving college and gained a B.Sc. degree in Applied Biology whilst working. He then did a PGCE and spent 15 years teaching in the UK, 5 years as a Head of Science in a large London Comprehensive School. One year was spent during this time on an exchange programme in Perth, Australia.

He moved abroad in 1994 and worked in essentially British Curriculum schools in Malawi and Hungary as Head of Science (teaching IGCSE) and in Hungary as a Deputy Head of Academics. The IB Diploma was introduced into both schools and he has taught Diploma Biology and Environmental Systems for 10 years.

In 2002 he moved to his present school, the International School of Phnom Penh in Cambodia. This is an IBO World school and was his first introduction to MYP. He started as Head of Science but took over as MYP Coordinator in 2004.

He was invited to attend both MYP Sciences and Diploma Biology reviews in Cardiff in 2004. He has been an IB MYP Sciences Moderator for four years and Senior Moderator for the last two years and led both Level 1 and Level 2 workshops.

All participants are requested to bring with them the following:

- A copy of this Agenda
- MYP Sciences Guide Book
- New guide to Evaluating MYP unit planners (available on the OCC)
- A Science unit of work from your school
- Any Interdisciplinary units, assignments, sample assessment rubrics or anything else you are prepared to share with the group from your school
- A copy of MYP: Principles into Practice
- Any school document in relation to how you use the IB learner profile

Note: If you are bringing a computer, then please just bring these electronically

Please note: session topics are subject to change based on needs of the group

Friday, 16 April

0830 - 0900

Welcome & Introduction

0900 - 1000

Session 1: Welcome and Introduction to MYP - a framework with which schools can create dynamic, student-centred learning environments.

Significant Concept: Environments Impact Learning

Session Question: Why MYP?

Aim: to understand the IB philosophy through the MYP framework

- Introductions
- IB Mission statement
- Fundamental Concepts of the MYP

1000 - 1030

Morning Break

1030 - 1200

Session 2: A holistic approach to education develops the whole child

Significant Concept: The whole is greater than the sum of its parts

Session Question: What leads to holistic learning in the IB?

- Programme Standards and Practices
- PYP, MYP and Diploma – similarities, differences
- The MYP Programme Model
- Learner Profile
- Areas of Interaction (Aols)

1200 - 1300

Lunch

1300 - 1430

Session 3: Planning a unit - 1

Significant Concept: Relevancy creates opportunities and understanding

Session Question: How do I make it real?

- Why backward planning?
- The role of the significant concept and Aol
- Aol student learning expectations continuum
- What makes a good unit question?
- Using the Evaluating MYP Unit Planner rubrics

1430 - 1500

Afternoon Break

1500 - 1630

Session 4: Planning a unit - 2

Significant Concept: Relevancy creates opportunities and understanding

Session Question: How do I make it real?

- Group task: Planning or revamping a unit/s – focussing only on the significant concept, unit question and Aols
- Reflection on the day's sessions

1630

End of Day 2

Saturday, 17 April

0830 - 1000

Session 5: MYP Assessment in Science – 1

Significant Concept: Design influences achievement

Session Question: Where is the rigour?

Aim: to understand the role of criterion-related assessment and how the science criteria introduce rigour to the MYP

- What is criterion-related assessment?
- Unpacking the new science criteria – compare and contrast with the old criteria
- Group task: assessing student work using the new criteria – One World and

Communication

1000 - 1030	Morning Break
1030 - 1200	Session 6: MYP Assessment in Science – 2 Significant Concept: Design influences achievement Session Question: Where is the rigour? Aim: to understand how the design of assessments is crucial in determining whether you are addressing the significant concept and unit question <ul style="list-style-type: none">▪ Why is design so important?▪ Group task: design an assessment task using the MYP Evaluation rubric for one of the significant concepts from session 4
1200 - 1300	Lunch
1300 - 1430	Session 7: MYP Assessment in Science – 3 Significant Concept: Design influences achievement Session Question: Where is the rigour? Aim: to look at clarifying and modifying rubrics in line with the interim objectives <ul style="list-style-type: none">▪ Task specific rubrics/clarifications▪ Using the Interim Objectives▪ Group task: designing a rubric
1430 - 1500	Afternoon Break
1500 - 1630	Session 8: Where can I get help, Standardisation, Moderation and Monitoring of Assessment Significant Concept: Design influences achievement Session Question: Where is the rigour? Aim: to look at how standardisation, moderation and monitoring maintain rigour <ul style="list-style-type: none">▪ Quiz – what do we know?▪ Moderation and monitoring of assessment▪ Standardisation methods▪ Group task: assessing student work using the new criteria D and E▪ Where do I go to get help? Practical session on the OCC (Online Curriculum Centre) and other resources
1630	End of Day 2

Sunday, 16 November

0830 - 1000	Session 9: Making Connections - Interdisciplinary Units Significant Concept: Open Minds inspire Agreements Session Question: How in the world do we work together? <ul style="list-style-type: none">▪ What type of connections can we make?▪ What are the reasons to make connections and what stops us?▪ How are they planned?▪ Who sets tasks?▪ Who assesses them?▪ How are they assessed?
1000 - 1030	Morning Break

1030 - 1200	<p>Session 10: Gathering, Presenting and Sharing Significant Concept: Open Minds inspire Agreements Session Question: How in the world do we work together?</p> <ul style="list-style-type: none"> ▪ Continue working on units from sessions 4 and 6 ▪ Group task: planning an interdisciplinary unit ▪ Share and present
1200 - 1300	Lunch
1300 - 1430	<p>Session 11: Personal Project Significant Concept: Inspired students become agents of their own learning Session Question: What inspires?</p> <ul style="list-style-type: none"> ▪ Aims and Objectives of the Personal Project ▪ Looking at goal statements and tying them to Aols ▪ Organisation and management ▪ Being a supervisor
1430 - 1500	Afternoon Break
1500 - 1600	<p>Session 12: Reflection and Evaluation Significant Concept: I think therefore IB Session Question: What does all of this mean for my teaching?</p> <ul style="list-style-type: none"> ▪ Final questions and issues to cover ▪ What will I take back to my school? ▪ What would you have liked to spend more time on
1600	Workshop Closes *

* 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.