

IB ASIA PACIFIC REGIONAL WORKSHOP AGENDA

MYP Sciences (Category 1)

Ecole Mondiale World School, Mumbai, India

Friday – Sunday, 5-7 February 2010

Workshop Leader

Carole Paquette

Carole Paquette is a Canadian trained middle school/high school science teacher. She received her B.Sc in Zoology from the University of Calgary and started working as a naturalist at the Vancouver Aquarium a few years later. While working at the Vancouver Aquarium she decided that the teaching aspect of her job was so much fun that she went back to school to get her B.Ed in Middle Years' Education with a science speciality at the University of British Columbia. After teaching middle school science and math in the Canadian public school system, Carole decided to leave her home and native land and teach internationally.

Since then she has taught life science, physical science, biology, chemistry, physics, and environmental science at the MYP level, IB Biology, and IB Environmental Systems at 4 international schools (American School Foundation of Guadalajara, Guadalajara, Mexico; Lyford Cay School in Nassau, The Bahamas; Anglo-American School in Moscow, Russia; and Canadian Academy in Kobe, Japan). She has been involved with the IB program for 9 years either teaching sciences at the DP level or the MYP level and truly believes that international education is the best place to be a teacher!

Carole also believes in life-long learning and received her M.Ed in Educational Leadership from the University of Calgary. It was an entirely online program, and she sees that there is a great future ahead for online learning.

All participants are requested to bring with them the following:

- A copy of this Agenda
- MYP Sciences Guide Book- digitally or a hard copy*
- A Science unit of work, assignment, sample assessment rubric or anything else you are prepared to share with the group from your school
- A copy of the MYP: Principles into Practice- digitally or a hard copy*

* Wi-Fi is not guaranteed at the workshop

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

Friday, 5 February

0830 - 0900

Welcome & Introduction

0900 - 1000

Session 1: Welcome and Introduction to the Big Picture

Objectives: Let's Learn Together!

- Introductions, rights and responsibilities
- The IB Continuum- how the MYP fits in the middle
- Fundamental Concepts of the MYP
- Programme Standards and Practices of the IB

1000 - 1030

Morning Break

1030 - 1200

Session 2: Planning a Unit of Work-1

Objectives: Understand the MYP unit planner and why we need to focus student learning.

- What makes a good unit question?
- Using the MYP unit planner
- Group task: planning or revamping a science unit using the MYP planner- focussing only on the MYP unit questions and significant concept.

1200 - 1300

Lunch

1300 - 1430

Session 3: The Areas of Interactions (Aols)

Objectives: Focus our teaching through the Aols

- The role and importance of the Aols
- Aols in Science- identifying Aols and using them in meaningful ways

1430 - 1500

Afternoon Break

1500 - 1630

Session 4: MYP Assessment in Science-1

Objectives: Understand and apply MYP Science assessment

- What is criterion-related assessment?
- The MYP Science criteria and their use
- Group task: assessing student work using the criteria – One world, Communication, and Knowledge and Understanding

Hotelwork: Please read "What is a Good Guiding Question?" By Rob Traver for next day- THANKS!

1630

End of Day 1

Saturday, 6 February

0830 - 1000

Session 5: MYP Assessment in Science-2

- The MYP Science criteria and their use
- Group task: assessing student work using the criteria- Science Inquiry, Processing Data and Attitudes.

1000 - 1030

Morning Break

1030 - 1200

Session 6: MYP Assessment in Science-3

- Modifying MYP science assessment criteria in line with the

- MYP years 1 and 3 Interim Objectives
- Group task: writing and using Task Specific Clarifications

1200 - 1300

Lunch

1300 - 1430

Session 7: Planning a Unit of Work-2 and Interdisciplinary units

Objectives: Tying all the pieces together – MYP unit questions, significant concepts, Aols and Assessment

- Looking at the MYP unit planner Assessment
- What are interdisciplinary units and how are they planned?
- Group task: planning or revamping a science unit using the MYP planner or planning an interdisciplinary unit.

1430 - 1500

Afternoon Break

1500 - 1630

Session 8: Generating a Student Learning Expectations Continuum

Objectives: See how Aols develop over a 5 year program

- What does ATL, and human ingenuity look like at different levels

Group task: defining a Student Learning Expectations at different levels

1630

End of Day 2

Sunday, 7 November

0830 - 1000

Session 9: The IB Learner Profile

Objectives: Learning about a learner profile

- What is the learner profile
- How the learner profile fits with the Programme Standards and Practices of the MYP
- ATL and the learner profile

1000 - 1030

Morning Break

1030 - 1200

Session 10: Personal Project

Objectives: Learn to facilitate and supervise an effective and meaningful personal project

- Aims and objectives of the Personal Project
- Organisation and Management
- Assessment
- Supervision

1200 - 1300

Lunch

1300 - 1430

Session 11: I need help! Where can I go?

Objectives: Understand standardisation methods, moderation procedures and where to go for help on these or other MYP science issues

- Standardisation methods, moderation and monitoring of assessment
- The OCC (Online Curriculum Centre)

1430 - 1500

Afternoon Break

1500 - 1600

Session 12: Final Session

Objectives: Questions and Reflections

- Final questions and issues to cover
- Sharing outcomes
- Completed Evaluation Forms collected

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.