

InThinking Maths Studies Workshop

For Teachers New to the IB Diploma

Barcelona, Spain

Friday 15th - Sunday 17th October 2010

Workshop Leader: Jim Noble

Overview

This workshop is designed for teachers who are new to the IB Maths Studies course and aims to help delegates familiarise themselves with the make up and philosophy of the course. We will look at the administrative and creative elements involved with delivering this course and delegates should go away with lots of good ideas for their classrooms.

Agenda

9:00 – 10:30 Session 1 – Introductions

To each other, to the course, to the IB learner profile and philosophy. This session should help delegates to have a sound overview the requirements of the course.

11:00 – 12:30 Session 2 – Popular Maths – Maths in the media

Making use of popular maths and context. Bringing Maths Alive and making it topical.

13:30 – 15:00 Session 3 – Internal Assessment 1

Introduction to the Internal Assessment element of the course, marking and moderating.

15:15 – 16:45 Session 4 – Internal Assessment 2

Following on from the previous session, we will look at getting projects started, helping students with ideas for projects and management strategies.

9:00 – 10:30 Session 5 - Exams

What are we working towards? Familiarisation with the paper 1 and paper 2 formats for the external assessment at the end of the course.

11:00 – 12:30 – 13:30 – 15:00 Session 6 and 7 – Task design

Teaching the course! The most important thing we do. In these sessions we will be looking at good ideas for teaching the syllabus. Delegates will design tasks in the second session for us all to take away.

15:15 – 16:45 Session 8 – Resources

Books, websites, software and web 2.0. We will have a look at the resources we have at our disposal to support the teaching of the course and how they can be used.

8:30 – 10:00 Session 9 – The Graphical Display Calculator

Getting familiar with this important tool for Maths Studies. What can be done? How is it done?

10:30 – 12:00 Session 10 – Roundup

This session is reserved for addressing issues we have not been able to during the workshop, answering remaining questions and a final splurge on good ideas!

It is strongly recommended that delegates bring a wireless enabled laptop (and check the details with their technicians) to take a full part in the course.

Having reserved a place on the workshop, delegates should receive a questionnaire to gather information about their backgrounds and needs for the course. The course outline may vary from the above in response to information gathered from the questionnaires.