

IB Math HL @ BHS

Monday, August 25, 2008

Mr. Mazzoni / Period 6 / Room 214

Welcome!

Please sit anywhere today.

Handouts: Questionnaire; First Day Assignment; August & September Calendars

Agenda for Monday, August 25, 2008

- Questionnaire (return tomorrow)
- An introduction to IB Math HL
 - Course guide / Course syllabus / Formula booklet
 - Portfolio / IB exam
- Textbooks and calculators
- Assignment details
- Website: www.bellaire.org/mazzoni
- Please select an assigned seat tomorrow

An Introduction to IB Math HL

- What is IB Math HL?
 - Topics to be covered
 - Assessment
- Read the following at www.bellaire.org/mazzoni
 - Course Guide
 - Course Syllabus
 - Formula Booklet
 - Portfolio Information ...

Portfolio

- You will complete five portfolio assignments before Spring Break in March
- You will produce a formal paper in which you investigate given mathematical problems
- Some parts of assignments will contain a significant amount of mathematical calculations and others will not
- The "Portfolio" consists of your best two assignments (one "investigation" and one "modeling")

The IB Math HL Exam

- The "core" topics on the IB Math HL exam are covered in the Pre-AP Algebra 2, Pre-AP Pre-calculus, AP Calculus, and IB Math HL courses at BHS
- The "option" topic we will cover in-class will be Sets, Relations, and Groups

- Paper 1 - May 7, 2009
 - 2 hours; 120 marks; 30% of score
 - Calculator not allowed
 - Short and extended response questions
- Paper 2 - May 8, 2009
 - 2 hours; 120 marks; 30% of score
 - Calculator allowed
 - Short and extended response questions
- Paper 3 - May 14, 2009
 - 1 hour; 60 marks; 20% of score
 - Answer one topic out of four
 - Extended response questions
- Portfolio (internal)
 - Two assignments; 40 marks; 20% of score

Classroom Tests

- One test will be given each 6-week grading period
- Test questions will be similar in style to IB questions
- At least two days of review are scheduled before each test and review material will be provided the Friday before each test

Textbooks and Calculators

- The textbook for this course is fairly new and fragile ... please take care of it!
 - Please keep your book at home unless I ask you to bring it to class
- Calculators will be used frequently during class ... make sure you have a TI-83 or TI-84 (no TI-89s allowed)

Assignment Details

- Complete questionnaire and turn-in tomorrow
- Read pages 1-15 in your textbook and answer the questions on the handout
 - Be prepared to discuss the material tomorrow
- Read the Course Guide (online)
- Choose an assigned seat tomorrow
- Print and return calculator sign-out form if needed
- If you don't have a textbook, get it today!