*Mrs. McCormack IB Math HL Year 2*

Class: Welcome to IB Math HL, Year 2. Last year students studied differential and integral calculus. This year students will study advanced differential equations, limits and series, advanced probability and statistics, and vectors. Finally, the students will review for the IB exam including the study of advanced Precalculus topics. The international dimension of mathematics will be studied. The course will include the characteristics of the IB Learner Profile.

Rules:

Be prepared and on time.

Be respectful to fellow students and the instructor.

Questions are encouraged.

Cell phones may not be used unless permission is given.

Grading:

9 Weeks Grading System:

Homework/Classwork/Quizzes/Notebook: 50%

Tests/Projects/IA: 50%

Semester grades are recorded on transcripts and are calculated using each 9 weeks grade as 40% and the semester exam as 20%.

IB students receive 5 points added to each semester grade.

Students will also receive an IB score in the summer. This grade is computed using both the internal assessment and external assessments. For IB Math, all of these assessments occur this year.

Internal Assessment (Exploration) 20%

Paper 1 ( 2hr exam no calculator) 30%

Paper 2 ( 2 hr exam calculator) 30%

Paper 3 ( 1 hr Calculus option exam calculator) 20%

* Each 9 weeks a project of varying types will count as a test grade.
  + 1st 9 weeks - rough draft of the IA exploration
  + 2nd 9 weeks – final submission of the IA exploration
  + 3rd 9 weeks – Review assignment for IB exams/ IA final scoring
  + 4th 9 weeks – Review assignment for IB exams
* Notebooks will be required. You are expected to take notes and keep them organized chronologically in your notebook. Notebooks will be graded each 9 weeks and will be weighted as 3 daily assignments.
* Supplies:  Students will need to maintain notes in a notebook of their choice and be prepared with pencils, pens, and paper. The TI-NSpire CX calculator is highly recommended. Please save your TI points from any purchases. These help the school earn additional technology. Thank you for helping the math department through school fees. This helps us purchase classroom supplies, software, batteries, calculators, and manipulatives.
* Students will have 5 days from their return to school after an excused absence to complete assignments and get notes missed with no penalty. After this date, the maximum grade late work can receive is a 70.
* Students will receive communication and documents needed through Managebac.
* After school help days will be announced in class. Let’s have a great year!

Kathy McCormack E-mail: mccormack\_k@hcde.org School Phone: 886-0880 Ext 271

Please call during planning times or after school. My planning times are 5th and 8th blocks.

Please fill out the attached contact sheet. Please feel free to contact me with any questions.

Mrs. McCormack

Please sign and return indicating that you have read the class syllabus. Students should keep the class syllabus for their notebook. Students must put a book cover on their IB Math book.

Subject\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Block number\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Please provide your preferred contact information.

Please check PowerSchool often for assignments and grades.

Parent name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent phone number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent e-mail:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Students will receive 10 extra points on this homework grade if you e-mail me from your preferred e-mail. My e-mail address is [mccormack\_k@hcde.org](mailto:mccormack_k@hcde.org).

Parent or student comments or questions:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Student information:

Student e-mail: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

High School Math Classes taken:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Extracurricular activities:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_