

IB (SL) Math D Program Course Outline (Year 1)

Mr. Dao

Room : 108

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Text:

- 1) McGraw-Hill Ryerson Publication: Pre-Calculus 11
- 2) Haese & Harris Publications: Mathematics for the international student: Mathematics SL, 2004. Complete in year 1: Chapters 1, 2, 6, 8, 11, 12, and 13

Term 1

- 1) Chapter 1: Sequences and Series (McGraw-Hill) & Chapter 2 (Haese & Harris)
- 2) Chapter 2: Trigonometry (McGraw-Hill) & Chapter 12 (Haese & Harris)
- 3) Chapter 5: Radical Expressions and Equations (McGraw-Hill)
- 4) Chapter 3: Quadratic Functions (McGraw-Hill) & Chapter 8 (Haese & Harris)

Term 2

- 1) Chapter 4: Quadratic Equations (McGraw-Hill) & Chapter 8 (Haese & Harris)
- 2) Chapter 6: Rational Expressions and Equations (McGraw-Hill)
- 3) Chapter 7: Absolute Value and Reciprocal Functions (McGraw-Hill)
- 4) Chapter 8: Systems of Equations (McGraw-Hill)

Term 3

- 1) Chapter 9: Linear and Quadratic Inequalities (McGraw-Hill)
- 2) Chapter 6 : Transforming Functions (Haese & Harris)
- 3) Chapter 11 The Unit Circle (Haese & Harris)
- 4) Chapter 13: Periodic Phenomena (Haese & Harris)

Note: timing may be adjusted

Extra Session for Internal Assessment (IA)

Date: May (TBA)

Time: after school (3:15 – 4:30ish)

Location: cafeteria

Tests:

Please let me know in advance if you know you will be absent on the day of the test. Your parent/guardian must notify me if you are sick on the day of the test (leave a phone message at the office). You must contact me on the first day you return to school to arrange for a make-up test. **Be prepared to write the test on your first class back.**

Homework:

Homework will be assigned after every lesson. You are expected to try every problem by showing all work. If you do not understand, you should ask a friend or myself for the assistance immediately. Do not fall behind.

Absence:

In case of any absence, you must bring a note from home. The note must include the date and reason(s) for the absence, and a phone number where your parent/guardian can be reached during the day.

Missed Work:

- A mark of zero will be given for missed tests and quizzes due to unexcused absence or tardiness.

CLASSROOM EXPECTATIONS AND BEHAVIOUR

1. You are expected to be seated and ready to work **at the beginning of the class**. If you arrive late and the door is closed, **knock quietly and wait**.
2. Listen attentively (no talking) when another person (a teacher, a classmate) is talking.
3. Cheating is prohibited. If you cheat, you will receive 0%, notes to both your counselor and administrator, and a phone call to your parent/guardian.
4. Any electronic devices, except a calculator, should not be seen during class time. (You cannot use your cellphone/iPhone...etc as a calculator in class.)
5. When class time is given to complete assignments, you must use it to complete the assignments.
6. Ask for permission if you need to leave the classroom and return as soon as possible.
7. No eating and drinking (except water) during the class.