

IB Math SL (Year 2) Syllabus

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Room: 136

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Course Overview

IB Math SL is a 2-year course that is part of the IB Diploma Program. During Year 1, we will be covering four math topics: Algebra, Functions and Equations, Circular Functions and Trigonometry, and Calculus. During Year 2, we will cover Statistics and Probability, Vectors, and Calculus. We will also be writing a 6-12 page paper on an exploration of a math topic that you choose.

At the end of this year you will also sit for two end-of-course exams (External Assessments). The grade for IB (not your transcript grade) will be calculated with the following weights: Internal Assessment (20%), External Assessment Part 1 (40%), and External Assessment Part 2 (40%).

Classroom Expectations

Within our math classroom, I expect students to:

1. Arrive on time and ready to learn.
2. Have all materials out on their desk and ready for class.
3. Be respectful when the teacher or a fellow classmate is talking.
4. Always try their best and ask questions.
5. Put their cell phones away in their backpack.

IB Learner Profile

The aim of all IB Programs is to develop internationally minded people who strive to be:

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|------------------|----------------|
| 1. Inquirers | 6. Open-minded |
| 2. Knowledgeable | 7. Caring |
| 3. Thinkers | 8. Risk-Takers |
| 4. Communicators | 9. Balanced |
| 5. Principled | 10. Reflective |

Because of this, I will be guiding you through the concepts to leave more room for exploration. This math course will require much more reading than your previous math courses. Please do not skim over the material. The changes in vocabulary and notation from your previous courses to this course are great and will be vital to your success in this class.

Supplies for class

Each student is expected to bring the following to class:

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| <ul style="list-style-type: none">● 3-ring binder● 2 dividers (notes and homework)● Loose Leaf Lined and Graph paper● Agenda | <ul style="list-style-type: none">● Pencil and eraser - No work will be accepted in pen!● Texas Instruments TI-Nspire or TI-84+ or TI-83+ |
|---|---|

Homework will be turned in online on our Google Classroom at 7:30 AM the morning of class. If you have questions, please ask! Students are encouraged to work together on their homework assignments, but all work must be each individual student's work. No copying or cheating homework will be accepted! All work is expected to be organized and easy to read. Late work will be accepted only through the day of the chapter test. Label each assignment with the date and title, so it is easy to identify.

If a student is absent for a chapter test, a make-up test will be given exactly two days after the initial test was given, during office hours. Contact your teacher to schedule the appointment. Test corrections will be offered upon request, please contact your teacher. If a student is absent, it is their responsibility to meet with the teacher to get any missing work.

Academic Honesty

All classwork, homework, projects, quizzes, tests, and final exams must be completed to the best of your ability. Although this is a tough class, please make sure that the pressure of this class does not force you into behavior of academic dishonesty. If behavior of academic dishonesty occurs, your teacher will contact the Assistant Principal and will have a conference with your parent/guardian.

Signatures due August 20, 2021. Please cut off the bottom and only turn in the signed portion.

Student Name (Printed) _____

Student Signature _____ ID Number _____

Parent/Guardian Signature _____

Contact Number _____ Email _____