

Geometry Syllabus

Shehan Sirimanne

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Welcome to the 2006-2007 school year. Your student will need at least four semesters of math to graduate from high school and three years of math (through Algebra 2) to be accepted to a four-year university. The following guidelines should help make this a successful school year for your student. They will be assigned a textbook, and it will be recommended that they provide themselves with the supplies listed in this syllabus. Please remember to encourage your student to do their learning tasks every night. If you have any concerns or questions please feel free to call my extension at any time. I will return all calls and emails usually within 24 hours. If you would like a weekly grade report, your student may pick up a form in the counseling office and give it to me at the beginning of class on Fridays. Remember, any time you have concerns about the class or about the math, just ask me.

Regular progress reports will be mailed to you every six weeks. You should watch for them within a week or two of the following dates:

- | | |
|----------------------------------|--------------------------|
| 1. September 21 | 4. February 29 |
| 2. November 2 | 5. April 25 |
| 3. December 20 (end of semester) | 6. June 10 (end of year) |

If you would like to be informed of test days, quiz days, etc please visit our class website found at www.sirimanne.com/geometry.html. It will be updated on a weekly basis and will have most handouts, lecture notes, homework assignments, study guides, and announcements for our class posted there.

Thank you for your support. Be sure to watch for information regarding Meet the Teacher Night.

Shehan Sirimanne

Math Teacher, Cross Country and JV Basketball Coach, and PLUS program Co-advisor

Please sign below to acknowledge receipt and understanding of the Class Rules. Have your student return it to class by Wednesday, August 15.

Student's name (print)

Student's signature

Parent's name (print)

Parent's signature

Parent's phone

Parent's e-mail

Geometry Syllabus

Mr. Sirimanne

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Welcome to Geometry! This is a college prep course in standard Euclidean geometry. Topics include the nature of proof, angles, parallelism, congruence of triangles, quadrilaterals, similarity, right triangles, circles, area, and volume. It is a challenging, fast paced course that requires a grade of “C” or better in Algebra I. For incoming Freshmen, a “B” or better in Algebra I.

This syllabus outlines Classroom Expectations, Grading, and Subject matter.

It is subject to change, but not without the distribution of the amended version.

and I look forward to this exciting year together! We are in a new school with great facilities, with the golden opportunity to create a tradition of excellence and build Grizzly pride!

Directions: Parents and student, please read and sign the syllabus. The student is to turn in the bottom of this page as the first assignment of the year.

Textbook: Larsen, Boswell, and Stiff. *Geometry: An Integrated Approach*. Heath Publishing. Illinois, 1998.

Classroom Expectations and Environment:

Be Prepared:

Yes I Can! A positive attitude toward learning and each other is vital to build the safe and supportive learning environment needed for this challenging course.

Materials and Supplies: It is essential to bring the following materials to class each day: Textbook, Pencils, Eraser, Ruler, Lined paper, and 3-ring binder with dividers (for notes, homework, handouts, journal, quizzes etc.). The following are recommended materials: Colored pencils, Calculator, Planner (or agenda book), and pencil sharpener. Note that a scientific calculator is required during the second semester.

Be Respectful and Supportive:

To the Teacher: I expect that each student is in their seat prepared to learn when the bell rings. I expect each student to be attentive, involved, and on-task. I expect each student to follow directions and the rules.

To Each Other: TEAM: Together Everyone Accomplishes More. This class is built around teamwork and team-spirit and it requires the cooperation of every student. ‘Positive Math Talk’ is always encouraged at the appropriate times and includes, but not limited to: praise, encouragement, requested mathematical assistance, etc. Negative talk will be handled in the appropriate manner (see Behavior below) which includes, but is not limited to: talking out of turn, talk dealing with out of class activities, undue sarcasm, making fun of others, etc.

To Our Environment: We have the rare opportunity to be in a new school, with new furniture and materials. We should take pride in keeping our school in its current state of freshness and cleanliness.

This means that harassment, violence, destruction, and theft have no place in this classroom. All electronics are not to be seen (without the teacher’s consent- cell phones, PDAs, PSPs, music players, iPods, etc).

- School rules apply at all times!

Be Present:

Attendance: Being physically present in class is the first step to your success. It is the responsibility of the student to contact me for make-up work or check the website. Use your fellow students also, to get notes, homework assignments, and knowledge of class activities. Make sure to contact me when an absence is known in advance.

Attention: Being mentally present is the second step to your success. It is important to be engaged and involved in the material every day. Each journey begins with a single step.

Be Active:

Students are expected to be active participants and take responsibility for their education. They should be asking questions, answering questions, problem-solving, and “thinking hard”.

Behavior: Our classroom expectations are be prepared, respectful, and supportive. If a student is having trouble following these rules, then appropriate actions will be taken that include the following: student-teacher conferences, parent phone calls, parent-teacher conferences, detentions, in-school suspensions, behavioral referral, and /or removal from the class.

Grading and Assignments:

Students will be graded in a variety of ways, the majority being tests, quizzes, homework, classwork, journals, and projects.

Grading Scale:

100% - 90 %	A
89% - 80%	B
79% - 70%	C
69% - 60%	D
59% and below	F

Homework, Classwork, and Participation: 20% of total grade

Work sent home with the student is designed to challenge and further their understanding of the material. Homework is a key to understanding the subject matter and will be given on a daily basis. Late work will not be accepted. Homework is given on a daily basis and is due at the beginning of class on the due date. Students will be expected to do homework problems on the board and explain it to their fellow students. So being prepared will lessen the stress involved with speaking in front of their peers.

Students are expected to participate positively in class activities, discussions, lectures, and projects. Points will be deducted for non-participation.

Test and Quizzes: 60% of total grade

This is a huge majority of a student's grade and should not be taken lightly. Tests and Quizzes will be announced and posted in advance so that the student has time to prepare. Be warned that cramming will most likely not lead to success in a course of this nature. Math is a process that takes time to 'digest', so that it can be properly used. I reserve the right for pop-quizzes (or Snapshots).

Make-Ups: If a student is absent, then it is the responsibility of the student to make-up a test, quiz, etc the first day they return. For example, a student missing a test day is required to take the test the day they return, NO EXCEPTIONS, so plan accordingly.

Retakes: Every test can be retaken for 70% of the grade. Students have 2 weeks from the day that their test is returned to retake it. It is the student's responsibility to make an appointment with Mr. Sirimanne. Attempting to take multiple tests days before the final or grading period is unacceptable. A short tutoring period or study session is required before each retake.

Lockout and Talking on Test Days: A student who is in lockout during a test day will receive a zero for that test, quiz, or other assignment. Talking during a test is unacceptable and is considered cheating regardless of content. The assumption is made that 'talking is cheating' during a test and severe ramifications will follow, which will include a zero on that assignment and a phone call home. The use of cell phones during a test is an immediate zero and a phone call home.

Final Exam: 15% of Total Grade

Success on the final will be due to a continuous effort throughout the semester and will cover the semester's material.

Benchmark Exams: 5% of Total Grade

These tests are cumulative, multiple choice, and given periodically throughout the semester. There are 3 per semester, spaced approximately two chapters apart. The final exams count as a benchmark (semester 1 is benchmark 3).

Subject Matter Transmission

I encourage questions! Please do not be afraid to stop by and ask questions, for it is through honest inquiry that we learn the most.

The course material will be experienced through lectures during class, assignments and projects in class and at home, and group work and individual instruction.

Tutoring and Conferences:

I am available for additional help on an appointment basis. Note that tutoring programs are available, for more information please see your counselor.

Sirimanne.com Website:

The goal of the website is to inform you of class news and to give you more opportunities to learn and extend your understanding. There is a resources section with materials that are not offered in class, such as extra practice, web links, old quizzes, full solutions to handouts, etc. Use it wisely...and often!

Learning Outcomes:

The geometry skills and concepts developed in this discipline are useful to all students. Aside from learning these skills and concepts, students will develop their ability to construct formal, logical arguments and proofs in geometric settings and problems. More specific learning outcomes include the following standards.

Conclusion:

Keep this syllabus in your folder at all times so that you can refer to it at your convenience.

I look forward to our year together and am excited about its possibilities.

Please feel free to contact me by phone or by email.

Thank you, Mr. Sirimanne.