

MATHEMATICS DEPARTMENT CLASSROOM CONTRACT 2011-2012

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MATHEMATICS COURSE OFFERING

Integrated Algebra: This course is an in-depth study of algebraic principles, conceptual understanding, procedural fluency and problem solving. This is the first course of the new NYS High School Mathematics Regents sequence. This 2-semester course culminates in a Regents Exam.

Geometry: Covers basic geometry including measures, proofs, and parallels. You will examine the properties of congruence, as well as polygrams. This course on Geometry also teaches the meaning and importance of proofs.

Algebra II/Trigonometry: The follow-on to Algebra I, this course teaches you how to analyze equations and inequalities. You will also see how to graph linear relationships, use matrices, and work with algebraic and qualitative functions. Algebra II is a refresher course for both Geometry and Algebra I.

Calculus: This is a branch of mathematics involving derivatives and integrals, as well as the study of motion, in which changing values are studied. This is a two-semester course

AP Calculus AB: This is a branch of mathematics involving derivatives and integrals, as well as the study of motion, in which changing values are studied. This is a two-semester course, which culminates in taking the Advanced Placement exam.

AP Calculus BC: This is a branch of mathematics involving derivative and integrals, as well as the study of motion, in which changing values are studied. The BC course includes sequences and series. This is a two-semester course, which culminates in taking the Advanced Placement exam.

Statistics (Fall)/Applied Mathematics (Spring): These courses focus on the exploration of real world problems in: financial planning, statistics, and basic math.

GRADING FOR ALL MATHEMATICS CLASSES ** (EXCEPT AP CALCULUS AB/BC)

CLASSWORK:

15% of Grade

- All classwork, written or oral, completed in groups or individually is graded and contributes to the class participation grade.
- Written and oral classwork must be neat, thorough, include a proper FSSA heading and demonstrate significant effort in order to receive a satisfactory grade.
- Student must be prepared for class in terms of both subject and materials. (See supplies requirement).
- Punctuality and attendance have a significant impact on a student's classwork and grade.
- Classroom behavior—active participation, personal conduct, and contribution to the classroom environment also influence this grade.

EXAMS/ RESEARCH PAPERS/PROJECTS/QUIZZES:

70% of Grade

- Classroom tests are based upon the assigned homework, class discussion, and board notes, and should be seen as opportunities to reinforce and evaluate learning.
- There will be a final and a midterm exam as well as unit tests and quizzes
- If you are absent for an exam, you **must** submit a note from your parent/guardian the day that you return from your absence. **The test may not be taken until a note is submitted.**
- Students will be required to write

HOMEWORK:

15% of Grade

- Homework must be clear and neat in the *required format* (Student name, Title of Assignment, Date, Class Period, Teacher's and School's Name) and it must be written on 8 1/2" x 11" loose-leaf paper.
- Homework is assigned on a daily basis and must be submitted on the **date that it is due.**
- Late homework will not be accepted** except in the case of illness or extenuating circumstance, in which case a note must be provided. Students will receive a one-day extension with an absence note if the homework was assigned during the student's absence.

****GRADING POLICY FOR AP CALCULUS CLASS WITH MS. COHEN**

- **EXAMS/QUIZZES/PROJECTS COUNT AS 90% OF YOUR GRADE.**
- **HOMEWORK AND CLASSWORK COUNT AS 10% OF YOUR GRADE.**
- **Classroom/Miscellaneous Policies:**

This is a college level course. All students are expected to behave as such. If the teacher feels that, a student is disruptive and therefore impeding the other students' ability to learn, the student may be dropped from the course at the discretion of the teacher. If you decide to drop the course, you must do so **BEFORE Thursday, September 15, 2011.** College Board charges a fee of \$87 (subject to change) to take the exam. This is due no later than February 10, 2011. Fee waivers are available to students who are eligible for free lunch. You must have a reduced /free lunch approval on file at the school. For more information on applying for reduced/ free lunch, please see Tyrone Clarke in the main office. Do not wait until February to do this. You must take the exam in order to get credit for the course. If you are eligible for special accommodations, you need approval for a College Board exam. College Board has their own criteria for approving special accommodations. If you think you are eligible for special accommodations, please see your guidance counselor.

Supplies: *(The following supplies must be brought to school every day.)*

- ✓ Graphing calculator -Pencils
- ✓ Index Cards -Ruler
- ✓ Princeton Review AP Calculus AB/BC

ABSENCES

- Three (3) latenesses result in a scheduled detention.
- *Regardless of reason for absence: sickness, family emergency, blackout, school trip, or performance, students are required to make up all work*
- An unexcused absence (cut) will result in a "0" for that day—class work as well as any exam or quiz scheduled for that day.
- A lateness of 20 minutes or more with-in any classroom period constitutes a cut.

PREPAREDNESS FOR CLASS

Parents: You can greatly influence your child's ability to succeed. Classroom misbehavior will not be tolerated, as it affects both the individual student's performance and the classroom environment, and will be treated accordingly.

Students: Students are required to be prepared for class every day. As students are frequently, absent from class due to performances and studio trips, it is essential for students to get the notes missed from a fellow student and to include it in the notebook. *Make sure you have the contact information for at least two other students in each of his/her class. The following supplies are highly recommended and should be brought to class every day:*

Supplies for Class

- 8 1/2" x 11" three-ring binder style notebook with extra loose-leaf paper
- FSSA's daily planner (distributed in school)
- Plastic pockets for handouts
- Black or blue ink (only) pens and pencils
- Mini-stapler
- Three hole punch
- 3 x 5 Index cards attached with rubber band or in zip lock bag
- Graph Paper and Ruler
- TI 83/84
- Compass (only for Geometry)
- **Blue Barron's Let's Review Book (Each teacher will specify)**
- Highlighter

CLASS ETIQUETTE

These policies exist to maximize learning and community spirit. Failure to follow them may result in disciplinary action and/or lower grades. They include *but are not limited to* the following guidelines:

1. Arrive on time and be ready to work when the bell rings.
2. Act respectfully to the teacher and to fellow students at all times.
3. Unless speaking quietly to your classmates in pairs or groups, raise your hand to speak. Do not call out.
4. Pay attention and follow directions quickly and quietly.
5. Take care of the classroom environment—clean and straighten up after all activities.
6. Obey all school rules and follow your teacher’s instructions, in particular:
7. No eating or drinking (except bottled water) is permitted in the classroom.
8. Headwear (except religious) is prohibited. Clothing must be appropriate to school and follow expectations outlined in the annual school bulletin.
9. All electronic devices are not to be used or displayed in the classroom. *They will be confiscated as per Department of Education regulations.*

ACADEMIC INTEGRITY/ PLAGIARISM

Make sure you read the following and discuss the import of its contents: in signing the student contract, you are acknowledging the following:

I understand that plagiarism is the act of submitting a paper that, in part or in whole, includes the work or another person— work that I did not create. This includes, but is not limited to, copying other words, images, sound bites, art work, ideas, phrases or paragraphs from another source/person without indicating precisely that these words or ideas come from a source other than myself. I understand the seriousness of this offense and in signing below I am stating that I will not plagiarize from other people or sources and will not allow others to plagiarize from my academic efforts. I understand that if I do submit plagiarized work, I will be held responsible and comply with disciplinary action set forth by the school administration and the Department of Education’s discipline and intervention regulations.

ONLINE RESOURCES

www.amaps.org

www.jmap.org

www.regentsprep.org

www.nysedregents.org

<http://www.mathopenref.com/>

**You will find grades and assignments posted on PupilPath.com.
You may contact your teacher via email or via PupilPath.com.**

Approved by Ms. Sofia Apostolidis

Assistant Principal of Instruction

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