

Dear Student and Parents;

This is an extended Algebra course, so we will cover all of the outcomes and prepare you for the Algebra District Course Assessment over the course of the next two years. It is my goal to make this class fun, interesting, and understandable. In turn, you the student must put your best effort into your own learning.

Outcomes:

In this class students will know and be able to do the following:

- (1) Review and analyze the basic properties and rules of mathematics including order of operations, divisibility rules, absolute value, prime factorization and the use of factors.
- (2) Review and analyze the basic properties of fractions, decimals, and percents including how they interrelate.
- (3) Estimate logical mathematical outcomes in real life situations including best buys and exchange rates.
- (4) Explore geometric measurement, both 1, 2 and 3-dimensional., and build estimation skills for length, area, and volume of everyday objects.
- (5) Explore probability and odds in both theoretical and real world situations.
- (6) Organize data through tables, charts, and graphs.
- (7) Manipulate and solve equations to describe patterns and model real world applications.
- (8) Memorize, manipulate, and use various formulae.
- (9) Enhance spatial awareness through study of congruency, symmetry, similarity, and other geometric principles.
- (10) Perform rigid transformations of the coordinate plane.
- (11) Review all previously learned math concepts.
- (12) Discuss class progress with a parent/guardian.

Students will attain mastery of the above outcomes in the context of three instructional strands: drill and practice, analytical reasoning and the expression of it through writing, and mathematical modeling. Here is what you can expect from each strand.

You will meet these outcomes in the following ways.

Analytical Reasoning and Written Communication

Knowing how to solve problems, and perform calculations is the foundation on which you will build mathematical understanding. In order to truly understand what you are learning, however, you must explore the “why” behind the calculations. This can be tricky at times, and we will be challenging you to really think about the bigger picture and why it all works. To sharpen your skills in this area, you will be asked to write down what you are thinking and reflect almost daily. You will be keeping a notebook in this class to organize those written reflections, and larger projects will also be required on occasion.

Mathematical Modeling

Beyond thinking critically and honing your skills with pencil and paper, we hope to strengthen your understanding of mathematical concepts through various in-class activities and modeling exercises. It could be a game or a lab experiment, but we will always try to make them fun and meaningful at the same time.

Expectations for Coursework:

A student’s mastery of the core concepts in the context of these three instructional strands will be monitored in the following areas: tests/quizzes, projects and writing assignments, daily homework, and maintaining a Portfolio which clearly demonstrates required Standards met. Each of these plays a significant part in calculating your final grade for the class. Here are a few words about each of these categories and an explanation of how much they “weigh” into your overall grade.

Daily Work (25% of the grade)

Assignments will usually be given daily as a follow-up to the material presented. Each assignment will either be due that day or the following day in class. You need to do the assignments, and have them completed on time. You need to show your work to receive full credit. If you have difficulty, ask for help. Assignments are usually graded on a 1 to 5 point scale, and the only way to obtain 5 points is to turn in a complete assignment on time.

Level Skill Drills/Level Tests (25% of the grade)

Most days we will start class with warm-up using review problems to keep your math skills strong. After 10 of these warm-ups drills, there will be a test worth 100 points. All 10 drills must be turned in complete the day of the test. The complete packet will be graded up to 30 points. If you stay on top of the warm-ups and PARTICIPATE in discussion, the tests will be easy.

Tests/Quizzes/Projects/Writing Assignments (50% of the grade)

Tests and quizzes: These are pretty self-explanatory. Tests come at the end of a unit and are usually worth 100 points.

Quizzes come when you least expect them, and are usually worth 20 points.

Projects and Writing Assignments: These will be designed to enhance your understanding and improve your problem solving ability. Keeping a notebook with all notes, writing assignments and projects will be required.

HIGH SCHOOL GRADUATION REQUIREMENT (SCHOOL BOARD POLICY 2310)

For 9th and 10th grade students, in order to obtain a credit toward graduation in this course, a student must:

--Earn at least a "C-" grade; and

--Pass a Federal Way School District end-of-course assessment

This policy may become effective during the 2008-2009 school year.

Grading. Your grade will be determined by averaging the scores in each of the areas above to attain a percentage. This percentage will be translated into a grade based on the following scale:

| | | | |
|----------|----|----------|----------------|
| 92 – 100 | A | 72 – 77 | C |
| 90 – 91 | A- | 70 – 71 | C- |
| 88 – 89 | B+ | 68 – 69 | D+ (no credit) |
| 82 – 87 | B | 60 – 67 | D (no credit) |
| 80 – 81 | B- | Below 60 | F (no credit) |
| 78 – 79 | C+ | | |

Make-Up Policy and Attendance:

Late homework: You may turn in late homework for partial credit within 3 weeks of the original assignment due date. In addition, all late work from a specific unit must be turned in by the day of the unit test to receive any credit.

Excused Absence Policy for Assignments: You may only turn in assignments missed for excused absences. You will have the number of days missed plus one extra to make up the work without penalty. It is your responsibility to get the missing assignments from me.

Excused Absence Policy for Tests: If you have an excused absence the day of a test, you must be prepared to make up the test the day you get back to class. If you miss class prior to test day and arrive on test day, **you will be expected to take the test anyway, so be prepared.** Tests must be made up after school.

Extended excused absence policy: Sometimes an extended absence due to extreme circumstances is unavoidable. I reserve the right to modify the above policies in this instance on a case-by-case basis.

Test retakes policy: You may retake a test if you do not receive a passing grade. The highest grade you can receive on a test retake is 70%. This must be done within **three weeks** of the **original** test date. First, you must request to retake the test. I will give you a review assignment, and you must work on it until it is 100% correct. We can then schedule a time after school to retake the test. This process will take at least a week so plan ahead.

Organization: I require you keep a notebook in this class containing all lesson notes and homework assignments in addition to your separate writing notebook.

Discipline: I expect that each student will conduct themselves in such a way that they do not interfere with the ability of other students to learn. Should that not be the case, I will assign detention to be served with me the day following the offense. The only way you can change that detention time is to provide a note signed by your parent or guardian asking that the detention be served on another specified date. Failure to serve a detention with me will result in additional disciplinary action as appropriate.

Mr. Conlee's Class Procedures

Here is a set of rules and regulations that will be used to insure the classroom is quiet, orderly, and provides an environment where all students can learn.

- 1) It is expected that all students will enter the classroom, take out the materials needed, and begin work quietly. Often there will be a "Do Now" assignment on the board, and you should start that assignment as soon as you enter the classroom.
- 2) Any tardy student will be sent to the office to obtain an admittance pass.
- 3) Students are expected to sit in their assigned seats unless working on a group project.
- 4) You are expected to be quiet and respectful to your classmates and me at all times.
- 5) You will take notes on all material presented in class. You are to use the Cornell Notes format, which will be explained. Notes will often be collected and graded.
- 6) You are expected to have the following supplies every day
 - a. Notebook paper
 - b. Pencil or pen (pencil preferred)
 - c. A notebook with all notes and assignments
 - d. Your text book unless I have indicated you do not need to bring it
 - e. A calculator (not a cell phone calculator)
- 7) No food or drink other than bottled water will be allowed in the classroom
- 8) No CD players, MP3 players, cell phones or other electronic devices except calculators will be allowed in the classroom at any time. Violations of this policy will result in the following actions:
 - a. For the first offense, I will hold the device until the end of class.
 - b. For a second offense, I will hold the device until the end of the day.
 - c. For additional offenses, a referral will be written and the device will be turned over to a school administrator.
- 9) It is expected that you will take care of restroom needs before or after class. Therefore:
 - a. No passes will be issued in the first 15 minutes of class,
 - b. No passes will be issued while new material is being presented,
 - c. No passes will be issued during a test.
 - d. Up to three emergency bathroom passes will be issued during the semester.
- 10) Headgear may not be worn or displayed at any time in class.
- 11) All missed tests must be made up before or after school, not during class time.
- 12) Homework must be turned in within 3 weeks of the due date to receive any credit.
- 13) No permanent markers will be used in the classroom.
- 14) Other rules may be adapted as needed during the semester.

In Class discipline procedure

1. Should you be in violation of these rules, my normal procedure will be to write your name on the board. This serves as a warning that you need to change your behavior.
2. Should you continue/repeat the behavior; a check mark will be placed after your name. This indicates you are assigned 15 minutes of detention with me after school the NEXT SCHOOL DAY. I may place additional check marks for continued/repeated violations, or refer you to In School Suspension (ISS).
3. The only way you can be excused from serving this detention is to bring a note from your parents stating the reason you can not serve, AND setting a date when you CAN serve the detention.
4. If you do not serve the detention, I will assign 1 hour of school detention for each 15 minutes of detention assigned by me.
5. I reserve the right to modify or suspend these rules as appropriate.

Questions: You or your parents may contact me by calling me at 253 945-5694. Better yet, contact me on EMAIL at mconlee@fwpsd.org. You can leave a contact number for me to call. Most days I will also be available to provide individual help before and after school. I also maintain a web site at /. It contains assignments for the current week as well as additional information about math and sites for online math help.

Mark Conlee
Math Teacher

CONTACT INFORMATION

Phone: 253 945-5794

EMAIL mconlee@fwps.org

WEBSITE: www.schools.fwps.org/tj/conlee

Parents and Students, please review this material together to insure we are all working toward the same goals. To indicate that you have read this material, please sign below. **I have asked the students to return only this signed page to me to show that the discussion has taken place.**

Thank you, and please feel free to contact me if you have any concerns or questions.

Sincerely,

Mark Conlee
Teacher
Extended Algebra 1A/1B

We have reviewed the Expectations and class procedures for. Extended Algebra 1A/1B

STUDENT SIGNATURE: _____

PARENT SIGNATURE: _____

Student and Parent information

Please provide the following contact information

Student Printed Name _____

Parent or Guardian Printed Name _____

Daytime Phone _____

Home Phone _____

EMAIL Address _____

I would prefer that you contact me by: EMAIL _____ Phone _____