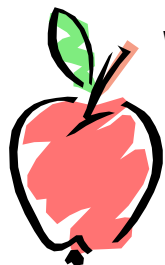


Classroom Policies & Expectations

Mrs. Shubert, room 2540

Algebra I



Welcome to Mrs. Shubert's math class. I am looking forward to getting to know each of you and teaching you mathematics. I hope you find this class rewarding and enjoyable. Below is an outline of policies and expectations for the school year, designed to promote a positive learning environment.

COURSE DESCRIPTION

Algebra I is a required course designed to prepare students for the Algebra I Keystone Exam and is a necessary stepping-stone for students to continue their study of mathematics throughout high school. This course will run for one semester and serves as one mathematical credit. Content is listed on the last page.

CLASSROOM EXPECTATIONS

- **Most importantly, be courteous and contribute to a classroom environment that allows me to teach and all students to learn.**
- **Be on time** – Teacher detention will be assigned if you have been late to class three times.
- **Come to class prepared** – You will need to have a pen or pencil, colored pens or pencils, highlighters, 3-ring binder (1.5 inch), TI-30X IIS calculator, and any assignments due.
- **Be ready to learn** – When you come into class, take your seat, have your materials on your desk, including any homework assignments due, and start the warm up problems. You will get the most out of this class by participating at all times. This includes paying attention, taking notes, asking and answering questions, and being a meaningful contributor to group and partner work. *Learning math is not a spectator sport!!!*
- **Do not line up at the door.** At the end of class, remain seated until the bell rings.
- **Ask permission to leave the room.** You must have your agenda signed to leave the room. You must also *completely and legibly* fill in the Sign-out Sheet at the front of the room. Please refrain from asking to use the bathroom during instructional times.
 - Only one student signs out at a time.
 - No passes will be given for lockers.
 - Signing out for longer than 10 minutes will result in teacher detention.
- **Clean up after yourself.** Keep the classroom clean!
- **To help minimize distractions, cell phones should not be visible during class.**
- **Follow school rules.**
- **Respect yourself, teachers, peers, and property.** Treat others as you want to be treated.
- **Respect substitute teachers.** My absence does not imply a free day, therefore you are responsible for all work assigned that day. Classroom rules still apply. A teacher detention is automatically assigned for any student that the substitute indicates has caused a problem. Teacher detention may also be assigned for not completing assigned work.

DISCIPLINE PROCEDURES

If a student chooses to not follow classroom or school rules, the following actions will be taken.

- Verbal and/or written warning
- Intervention strategy (seat change, conference with student, parent/guardian, etc.)
- Teacher detention (2:45–3:25 in room 2540 unless otherwise indicated)
- All of the above actions will be documented with HS administration. After TWO of any of above actions have occurred, student discipline will be referred to the HS administration.

MATH TUTORING

During Flex and after school (2:45–3:25), *with the exception of some Wednesdays due to meetings*. Please check with me in advance.

CALCULATORS

Students are *required* to use a Texas Instruments *scientific* calculator (TI-30X IIS) for this course. Students who do not own a scientific calculator, should plan to borrow or purchase one. It is *recommended* that students use a Texas Instruments *graphing* calculator (All versions of TI-83 and TI-84 are acceptable). This is the required calculator for many math courses at EAHS.

TEXTBOOK

- *Algebra I*: McDougal Littel, 2007
- Students are not required to sign out a textbook.

GRADING

- Grading will be based on accumulating points mostly from tests and quizzes and occasionally from other assignments.
- Students are responsible for checking their grades on the Community Portal. Grades will be updated online as soon as possible.

HOMEWORK

- Consistent completion of homework is **expected**, as it essential to your success in math.
- Homework will be given only as needed – it will **not** be assigned every night and never over a weekend. ☺ There may be weeks when homework is not assigned at all, but most likely you will have homework a few times a week.
- Homework will not be collected and graded. It is to be used as learning tool to benefit students. Please keep these things in mind:
 - Homework is an opportunity for students to check their understanding.
 - Homework is necessary for practicing skills. Practice means repeated exercise of a skill in order to acquire, maintain, or improve proficiency in it.
 - Homework is the time to make mistakes and learn from them -- BEFORE the test!
 - Homework is an opportunity for students to take responsibility for their part in the educational process.
 - Homework provides teachers with feedback regarding students' progress.

TESTS AND QUIZZES

- Review opportunities are provided before each exam.
- Any form of cheating (including use of electronics) during tests and quizzes will not be tolerated and will result in a zero.
- Parents and administration will be notified and documentation will be made of any cheating.
- Talking is not permitted during tests and quizzes. Even after a student is finished with his/her own test, they are expected to remain quiet until all students are finished. Please bring something quiet to work on after tests. Students will lose points from their assessments if they are talking during testing.
- When absent, assessments should be made up as soon as possible. *See below for more information.

IF YOU ARE ABSENT...

Please check the bin at the front of the room for papers that you missed. See a classmate to copy notes. Schedule a time with a classmate or me to catch up on what you missed. Making up work due to an absence is YOUR RESPONSIBILITY. Only absences *the day before* the test will excuse you from taking the test as scheduled. Extended absences and extenuating circumstances will be considered on an individual basis. If this should occur, please speak with me *prior to the test date*. Do not show up on the day of the test with the expectation that you don't have to take the test unless you have already discussed this with me.

COMMUNITY PORTAL & SCHOOLGY

Students are strongly encouraged to frequently check the Community Portal and Schoology. Grades, homework assignments, upcoming quiz and test dates, and additional resources will be posted there.

ALGEBRA I KEYSTONE EXAM

The Keystone Exam testing window is between January 6th – 16th. During this time, students currently taking Algebra I will be required to take the Algebra I Keystone Exam. This exam consists of two modules, each module containing both multiple choice and constructed response questions. Students will complete the exam over a two day period. Proficiency on this exam is a Pennsylvania graduation requirement.

MATH COURSE SELECTION AFTER ALGEBRA I

- Algebra II
- 4 credits of math are required for graduation

ALGEBRA I COURSE CONTENT

Unit 1 – Expressions & Equations

- Classifying Numbers
- Comparing and Ordering Real Numbers
- Exponent Rules
- Simplifying Square Roots
- Absolute Value
- Order of Operations
- Evaluating Expressions
- Solving Linear Equations
- Solving Absolute Value Equations

Unit 2 – Linear Equations

- Relations, Functions, Domain, and Range
- Graphing and Writing Linear Equations
- Slope
- Solving, Writing, and Graphing Systems of Linear Equations
- Word Problems involving Linear Equations
- Line of Best Fit

Unit 3 – Inequalities

- Solving, Writing, Graphing, and Analyzing Inequalities
- Solving, Writing and Graphing Compound Inequalities
- Solving Absolute Value Inequalities
- Writing, Graphing, and Analyzing Systems of Linear Inequalities
- Word Problems involving Inequalities

Unit 4 – Polynomials

- Adding and Subtracting Polynomials
- Multiplying Monomials, Binomials, and Trinomials
- Greatest Common Factors
- Least Common Multiples
- Factoring
- Simplifying Rational Expressions

Unit 5 – Data Analysis

- Probability
- Odds
- Box and Whisker Plots
- Stem and Leaf Plots
- Circle, Line and Bar Graphs
- Scatter Plot and Correlation
- Mean, Median, and Mode

Algebra I Review for the Keystone Exam

Preview of Algebra II