Location	**Room 107**
Instructor	**Mr. Michael Morneweck and Mrs. Jessica Ingley**
Planning Period	**Morneweck:** 9th period (1:59-2:43) **Ingley:** 1st Period(8:00-8:44) **Phone:** (724) 300-3011
Email	mmorneweck@mercer.k12.pa.us; jingley@mercer.k12.pa.us
Class Website	http://www.mercer.k12.pa.us/...
Description	This course is designed to prepare students for the concepts covered in Algebra 1.
Textbook	*Pre-Algebra* copyright 2008 Holt; *Algebra 1* copyright 2007 Holt

Parent-Teacher Conferences may be scheduled before school from 7:45 to 8:00 or during the planning period.

Homework Policy and Philosophy

Students should expect to have a homework assignment each night. Homework assignments are necessary in order for students to practice the concepts covered in class that day. I will assign only the amount of homework that I feel is necessary for students to master each concept.

Homework will be reviewed on a daily basis. Most homework assignments will be part of your participation grade. If I choose to collect an assignment and grade it for correctness, this assignment will be worth at least 5 points.

Homework assignments will be posted to the school website at the beginning of each week.

Homework Philosophy

"The application of homework within almost every learning activity is a valuable means of reinforcement and evaluation. It is the teacher's role to define such assignments and the responsibility of the students to complete them on time. Parents must also assume their responsibility in regard to student homework; therefore, proper communication between home and the school are vital in establishing assignments, which can significantly contribute to the overall educational process."

Grading

97 – 100 A+
93 – 96   A
90 – 92   A-
87 – 89   B+
83 – 86   B
80 – 82   B-
77 – 79   C+
73 – 76   C
70 – 72   C-
67 – 69   D+
63 – 66   D
60 – 62   D-
0 – 59   F

Grades are based on a percentage system and the number of assessments and grades will vary from semester to semester. Evaluations will be in (but not limited to) the following forms:

Participation
Graded Homework Assignments
In-class Assignments
Warm Ups
Notebook Quizzes
Quizzes
Tests
Lab Assignments

Students are expected to keep a record of point totals in case there is a discrepancy. Each student is required to keep all quizzes, tests, and worksheets in his/her binder. These will provide a resource to study for any semester or final exams.

Students will be given a zero for late graded homework assignments. NOTE: Assignments not turned in at the beginning of the class period due will be considered late.

Academic Integrity

"Students caught cheating, plagiarizing, copying homework and/or tests, quizzes, and using paper from the Internet will be given a "0" (zero) on that assignment. In addition, their name will be reported to the office and filed in the event of future violations. Repeated violations could result in removal from class, a non-passing grade, or a discipline hearing."

When a student is in jeopardy of failing, a progress report will be sent home. Progress reports for students in grades 7-12 will be mailed at the mid-point of each marking period.

Classroom Rules	Food, drinks, tobacco products, CD/MP3 players, IPods, cell phones, video games, and hats are **STRICTLY PROHIBITED** in the classroom. Other rules that will be enforced are as follows: 1. **Arrive on time.** 2. **Be organized and prepared for class. (Always bring notebooks, textbook, <u>pencil,</u> etc.)** 3. **Raise your hand BEFORE speaking.** 4. **Listen to others and participate in class discussions.** 5. **Follow directions the FIRST time given.** 6. **Remain in your seats until you are dismissed.** 7. **It is the responsibility of the student to obtain notes/materials when he/she is absent.** 8. **Show respect for yourself, others, and the teacher at all times.** **If any student chooses not to follow any of these classroom rules, consequences WILL follow. The consequences may include, but are not limited to, a deduction of participation points, a detention, a discipline referral to the office, or a conference with the student's parent(s). If the violation is of serious offense, a meeting with the principal and/or parents will be scheduled.**	**Make-Up Work** "Students are required to make up all missed work within a maximum of one school week after returning from any absence. Teachers may require student's makeup work within a like number of days for any absence i.e, two days absent – two days to complete the missed work. If a student is absent on the day of a scheduled assessment they will be required to complete that assignment on the day he/she returns to school unless other arrangements are made with the teacher." "For one day or one period school-related absence (athletics/academic games, etc) – it is the student's responsibility to make up the work upon their return to the classroom. It is recommended that they see the teacher ahead of time to determine what they will miss while they are gone. <u>The student must have all assigned work completed upon the 1ˢᵗ day returning from a pre-approved trip.</u> Any assessments must be completed on the day of return unless other arrangements are made with the teachers." **Late to Class** "Students reporting late to class must secure a pass from the previous teacher if they were legitimately detained. Without such a pass, the student will be liable for detention."
Required Materials	**Students are to have a 3-ring binder (minimum of 1½"), their Pre-Algebra textbook, a charged chromebook, and a <u>writing utensil</u> with them AT ALL TIMES. Failure to comply will result in a deduction of participation points and/or an after-school detention.**	
Additional Help	**Students who seek additional help should make an appointment with the instructor. Students may also acquire a pass from the instructor to receive assistance during the advisory period at the end of each school day (2:47 – 3:15).**	**Tutoring** Extra Assistance is available on a regular basis during after-school hours (Tuesdays and Thursdays from 3:15 to 4:15) by contacting the Guidance Office at (724)662-2272. It is the student's responsibility to seek such tutoring if needed.

OUTLINE OF MATERIAL COVERED IN THIS CLASS

# of Days	Material Covered During Time Period	Notes
Approximately 10 days	**Sections 2-4, 2-5, 3-6, & 3-7:** **Solving Equations and Inequalities Involving Integers and Rational Numbers, Covert Terminating or Repeating Decimals to Rational Numbers**	There will be a minimum of 2 tests throughout the unit.
Approximately 25 days	**Chapter 10:** *Multi-Step Equations & Inequalities* **Solving Multi-Step Equations, Solving Equations with Variables on Both Sides, Solving Multi-step Inequalities, Solve Equations Containing Exponents**	There will be a minimum of 2 graded assignments throughout the unit with a chapter test at the completion of the unit.
Approximately 20 days	**Chapter 11:** *Graphing Lines* **Graphing Linear Equations, Slope of a Line, Using Slopes and Intercepts, Lines of Best Fit**	There will be a minimum of 1 quiz throughout the unit with a chapter test at the completion of the unit.
Approximately 5 days	**Chapter 10:** *Multi-Step Equations & Inequalities* **Systems of Equations**	There will be a minimum of 1 test at the completion of the unit.
Approximately 10 days	**Sec. 5-7, 6-3, & 7-5:** **Transformations, Pythagorean Theorem**	There will be a minimum of 1 quizzes throughout the unit with a test at the completion of the unit.
Approximately 5 days	**Sec. 6-6 & 6-7** **Volume of Cylinders, Cones & Spheres**	There will be a minimum of 1 test at the completion of the unit.
Approximately 5 days	**Sec. 2-6, 2-7, 2-8, & 2-9** **Exponents and Scientific Notation**	There will be a minimum of 1 test at the completion of the unit.
Approximately 5 days	**Sec. 12-4** **Functions**	There will be a minimum of 1 test at the completion of the unit.
Approximately 5 days	**Sec. 4-7** **Scatterplots**	There will be a minimum of 1 test at the completion of the unit.
Approximately 20 days	**PSSA Review**	There will be multiple graded assignments during this unit.

Introduction to Algebra

Approximately 25 days	**Chapter 1:** *Foundations of Algebra* **Variables and Expressions, Adding and Subtracting Real Numbers,** **Multiplying and Dividing Real Numbers, Powers and Exponents, Square Roots and Real Numbers,** **Order of Operations, Simplifying Expressions, Introduction to Functions**	There will be a approximately 4 quizzes throughout the unit with a chapter test at the completion of the unit.
Approximately 15 days	**Chapter 2:** *Equations* **Solving Equations by Adding and Subtracting, Solving Equations by Multiplying and Dividing, Solving Two-Step and Multi-Step Equations, Solving Equations with Variables on Both Sides**	There will be a minimum of 1 test at the completion of the unit.

Course Syllabus is Subject to Change