Location	Room 213	
Instructor	Mrs. Mariacher	
Planning Period	7st Period (12:25-1:09) Phone: (724) 662-5104	Parent-Teacher Conferences may be scheduled before school from 7:45 to 8:00 or during the planning period.
Email	mmariacher@mercer.k12.pa.us	
Description	This course is designed to introduce the students to the foundations of algebra, prepare students for future algebra classes, and cover all of the Pennsylvania 7th Grade Common Core Standards. It will cover the first half of the full-year Pre-Algebra curriculum. Students currently enrolled in Pre-Algebra A will be enrolled in Pre-Algebra B the following year.	
Textbook	*Pre-Algebra* by Holt 2008	
Homework Policy and Philosophy	The application of homework within almost every learning activity is a valuable means of reinforcement. Homework will be assigned on a regular basis. It is designed to be a learning activity and an extension of the lesson taught in class. Because it is a learning activity, homework is evaluated primarily on its completeness rather than correctness. However, the instructor reserves the right to change this as needed.	**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	**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	Be on time	**Make-Up Work** "Students are required to make up all missed work within a maximum of one school week after returning

Come to class prepared every day:
 	
    text book
    3-ring binder
    completed homework
    pencil
 	
Be respectful
 	
Participate in class
 	
Accept responsibility for your work, words, actions
 	
Do your best
	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 required to have a 1.5 – 2 inch 3-ring binder, spiral notebook for homework, paper, and pencil.	
Additional Help	Students who seek additional help should see the instructor during advisory period or during their support period.	**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	**Arithmetic Review:** *Fractions, Decimals, Long Division and Multiplication* **Adding, Subtracting, Multiplying, and Dividing Simple Fractions and Decimals**	There will be a approximately 2 quizzes throughout the unit.
Approximately 23 days	**Chapter 1:** *Algebra Toolbox* **Variables and Expressions; Solving Equations by Adding, Subtracting, Multiplying, and Dividing; Solving Simple Inequalities; Combining Like Terms; Ordered Pairs; Graphing on a Coordinate Plane; Interpreting Graphs and Tables**	There will be approximately 2 quizzes throughout the unit with a chapter test at the completion of the unit.
Approximately 16 days	**Sections 2-1 to 2-5:** *Integers* **Adding, Subtracting, Multiplying and Dividing Integers; Solving Equations & Inequalities Containing Integers**	There will be approximately 2 tests throughout the unit.
Approximately 23 days	**Sections 3-1 to 3-7:** *Rational Numbers* **Adding, Subtracting, Multiplying, and Dividing Rational Numbers (Including negatives and mixed fractions); Converting Terminating or Repeating Decimals to Rational Numbers; Solving Equations and Inequalities with Rational Numbers**	There will be approximately 1 quiz and 2 tests throughout the unit.
Approximately 7 days	**Chapter 4:** *Collecting, Displaying, and Analyzing Data* **Samples and Surveys; Measures of Central Tendency; Variability; Average Deviation**	There will be approximately 1 chapter test at the completion of the unit.
Approximately 8 days	**Chapter 5:** *Plane Geometry* **Points, Lines, Planes, and Angles; Parallel and Perpendicular Lines; Triangles; Triangle Inequality; Cross Sections**	There will be approximately 1 test at the completion of the unit.
Approximately 12 days	**Chapter 6:** *Perimeter, Area, and Volume* **Perimeter and Area of Rectangles, Parallelograms, Triangles, Trapezoids, and Circles; Volume and Surface Area of Prisms, Cylinders, Pyramids and Cones**	There will be approximately 2 test throughout the unit.
Approximately 9 days	**Chapter 7:** *Ratios and Similarity* **Ratios; Rates; Unit Rates; Proportions; Solving Proportions; Scale Drawings and Models**	There will be approximately 1 quiz throughout the unit with a chapter test at the completion of the unit.
Approximately 19 days	**Chapter 8:** *Percents* **Relating Decimals, Fractions, and Percents; Finding a Number When the Percent is Known; Percent Increase and Decrease; Applications of Percents**	There will be approximately 1 quiz throughout the unit with a chapter test at the completion of the unit.
Approximately 8 days	**Chapter 9:** *Probability* **Probability; Theoretical Probability; Independent and Dependent Events**	There will be approximately 1 test at the completion of the unit.
Approximately 22 days	**Chapter 10:** *Multi-Step Equations & Inequalities* **Solving Multi-Step Equations, Solving Equations with Variables on Both Sides, Solving Multi-step Inequalities**	There will be approximately 3 graded assignments throughout the unit with a chapter test at the completion of the unit.

Approximately 5 days	**Chapter 11:** *Graphing Lines* **Graphing Linear Equations**	There will be approximately 1 chapter test at the completion of the unit.

Course Syllabus is Subject to Change