

Pre-Algebra A		YEAR 2023-2024
Location	Room 107	
Instructor	Mr. Michael Morneweck and Mrs. Jessica Ingley	
Planning Period	<p>Morneweck: 9th period (1:59 - 2:43)</p> <p>Ingley: 1st Period(8:00-8:44) Phone: (724) 300-3011</p>	Parent-Teacher Conferences may be scheduled before school from 7:45 to 8:00 or during the planning period.
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 introduce the students to the foundations of algebra, prepare students for future algebra classes, and cover all of the Pennsylvania 7 th 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	<p>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.</p> <p>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.</p> <p><u>Homework assignments will be posted on Google Classroom on a daily basis.</u></p>	<p>Homework Philosophy</p> <p>“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.”</p>
<p>Grading</p> <p>97 – 100 A+</p> <p>93 – 96 A</p> <p>90 – 92 A-</p> <p>87 – 89 B+</p> <p>83 – 86 B</p> <p>80 – 82 B-</p> <p>77 – 79 C+</p> <p>73 – 76 C</p> <p>70 – 72 C-</p> <p>67 – 69 D+</p> <p>63 – 66 D</p> <p>60 – 62 D-</p> <p>0 – 59 F</p>	<p>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:</p> <p>Participation</p> <p>Graded Homework Assignments</p> <p>In-class Assignments</p> <p>Notebook Quizzes</p> <p>Quizzes</p> <p>Tests</p> <p>Lab Assignments</p> <p>Students are expected to keep a record of point totals in case there is a discrepancy. <u>Each student is required to keep all quizzes, tests, and graded worksheets in his/her binder.</u> These will provide a resource to study for any semester or final exams.</p>	<p>Academic Integrity</p> <p>“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.”</p> <p>When a student is in jeopardy of failing, a progress report will be sent home. Progress reports for students</p>

	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.	in grades 7-12 will be mailed at the mid-point of each marking period.
Classroom Rules	<p>Food, drinks, tobacco products, CD/MP3 players, iPods, <u>cell phones</u>, video games, and hats are <u>STRICTLY PROHIBITED</u> in the classroom.</p> <p>Other rules that will be enforced are as follows:</p> <ol style="list-style-type: none"> 1. Arrive on time. 2. Be organized and prepared for class. (Always bring binder, Chromebook, <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. <p>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.</p>	<p>Make-Up Work Make-Up Work Excused Absences</p> <p>"Students are required to make up all missed work within a maximum of one school week after returning from any absence. This includes students on a pre-approved trip of more than one day. 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 assessment on the day he/she returns to school unless other arrangements are made with the teacher."</p> <p>Unexcused Absences</p> <p>"Failure to return an excuse card after five school days will ultimately result in the student being given an illegal or unexcused absence. Students <u>are not permitted</u> to make up any work from an illegal or unexcused absence."</p> <p>Field Trips</p> <p>"Students must check with teachers for assignments prior to leaving. All assignments (if it is out of class work) are due the first day back from the field trip unless the trip is more than one day."</p> <p>Late to Class</p> <p>"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."</p>
Required Materials	Students are to have a 3-ring binder (minimum of 1½"), their 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 (2:51 – 3:15).	<p>Tutoring</p> <p>Extra Assistance is available on a regular basis during school hours by contacting the Guidance Office at (724)662-2272. It is the student's responsibility to seek such tutoring if needed.</p>

OUTLINE OF MATERIAL COVERED IN THIS CLASS

# of Days	Material Covered During Time Period	Notes
Approximately 10 days	<u>Arithmetic Review:</u> <i>Fractions, Decimals, Long Division and Multiplication</i> Adding, Subtracting, Multiplying, and Dividing Simple Fractions and Decimals	There will be a approximately 2 quizzes throughout the unit.
Approximately 23 days	<u>Chapter 1: Algebra Toolbox</u> 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	<u>Sections 2-1 to 2-5: Integers</u> Adding, Subtracting, Multiplying and Dividing Integers; Solving Equations & Inequalities Containing Integers	There will be approximately 2 tests throughout the unit.
Approximately 23 days	<u>Sections 3-1 to 3-7: Rational Numbers</u> 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	<u>Chapter 4:</u> <i>Collecting, Displaying, and Analyzing Data</i> 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	<u>Chapter 5: Plane Geometry</u> 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	<u>Chapter 6: Perimeter, Area, and Volume</u> 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	<u>Chapter 7: Ratios and Similarity</u> 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	<u>Chapter 8: Percents</u> 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	<u>Chapter 9: Probability</u> Probability; Theoretical Probability; Independent and Dependent Events	There will be approximately 1 test at the completion of the unit.

Approximately 22 days	<u>Chapter 10:</u> <i>Multi-Step Equations & Inequalities</i> 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	<u>Chapter 11:</u> <i>Graphing Lines</i> Graphing Linear Equations	There will be approximately 1 chapter test at the completion of the unit.

Course Syllabus is Subject to Change