

Pre-Algebra B

YEAR 2020-2021

Location	Room 213																																								
Instructor	Mrs. Mariacher																																								
Planning Period	7th Period (12:21 – 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 prepare students for the concepts covered in Algebra 1.																																								
Textbook	<i>Pre-Algebra</i> copyright 2008 Holt; <i>Algebra 1</i> copyright 2007 Holt																																								
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	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: <table border="0"> <tr><td>97 – 100</td><td>A+</td><td></td></tr> <tr><td>93 – 96</td><td>A</td><td></td></tr> <tr><td>90 – 92</td><td>A-</td><td></td></tr> <tr><td>87 – 89</td><td>B+</td><td>Homework</td></tr> <tr><td>83 – 86</td><td>B</td><td>Participation</td></tr> <tr><td>80 – 82</td><td>B-</td><td>In-class assignments</td></tr> <tr><td>77 – 79</td><td>C+</td><td>Warm Ups</td></tr> <tr><td>73 – 76</td><td>C</td><td>Notebook Quizzes</td></tr> <tr><td>70 – 72</td><td>C-</td><td>Quizzes</td></tr> <tr><td>67 – 69</td><td>D+</td><td>Tests</td></tr> <tr><td>63 – 66</td><td>D</td><td></td></tr> <tr><td>60 – 62</td><td>D-</td><td></td></tr> <tr><td>0 – 59</td><td>F</td><td></td></tr> </table>	97 – 100	A+		93 – 96	A		90 – 92	A-		87 – 89	B+	Homework	83 – 86	B	Participation	80 – 82	B-	In-class assignments	77 – 79	C+	Warm Ups	73 – 76	C	Notebook Quizzes	70 – 72	C-	Quizzes	67 – 69	D+	Tests	63 – 66	D		60 – 62	D-		0 – 59	F		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.
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Classroom Rules	Be on time Come to class prepared every day:	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																																							

	<p>text book 3-ring binder completed homework pencil</p> <p>Be respectful</p> <p>Participate in class</p> <p>Accept responsibility for your work, words, actions</p> <p>Do your best</p>	<p>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.”</p> <p>“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. The student must have all assigned work completed upon the 1st day returning from a pre-approved trip. Any assessments must be completed on the day of return unless other arrangements are made with the teachers.”</p> <hr/> <p style="text-align: center;">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>
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Required Materials	Students are required to have a 1.5 – 2 inch 3-ring binder, spiral notebook for homework, paper, and pencil.
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Additional Help	Students who seek additional help should see the instructor during advisory period or during their support period.	<p style="text-align: center;">Tutoring</p> <p>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.</p>
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OUTLINE OF MATERIAL COVERED IN THIS CLASS

# of Days	Material Covered During Time Period	Notes
Approximately 10 days	<p style="text-align: center;"><u>Sections 2-4, 2-5, 3-6, & 3-7:</u> Solving Equations and Inequalities Involving Integers and Rational Numbers,</p>	There will be a minimum of 2 tests throughout the unit.

	Covert Terminating or Repeating Decimals to Rational Numbers	
Approximately 25 days	<u>Chapter 10: Multi-Step Equations & Inequalities</u> 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	<u>Chapter 11: Graphing Lines</u> 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	<u>Chapter 10: Multi-Step Equations & Inequalities</u> Systems of Equations	There will be a minimum of 1 test at the completion of the unit.
Approximately 10 days	<u>Sec. 5-7, 6-3, & 7-5:</u> 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	<u>Sec. 6-6 & 6-7</u> Volume of Cylinders, Cones & Spheres	There will be a minimum of 1 test at the completion of the unit.
Approximately 5 days	<u>Sec. 2-6, 2-7, 2-8, & 2-9</u> Exponents and Scientific Notation	There will be a minimum of 1 test at the completion of the unit.
Approximately 5 days	<u>Sec. 12-4</u> Functions	There will be a minimum of 1 test at the completion of the unit.
Approximately 5 days	<u>Sec. 4-7</u> Scatterplots	There will be a minimum of 1 test at the completion of the unit.
Approximately 20 days	<u>PSSA Review</u>	There will be multiple graded assignments during this unit.

Introduction to Algebra

Approximately 25 days	<u>Chapter 1: Foundations of Algebra</u> Variables and Expressions, Adding and Subtracting Real Numbers, Multiplying and Dividing Real Numbers, Powers and Exponents, Square Roots and Real Numbers,	There will be a approximately 4 quizzes throughout the unit with a chapter test at the completion of the unit.
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	Order of Operations, Simplifying Expressions, Introduction to Functions	
Approximately 15 days	<u>Chapter 2: Equations</u> 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*****