

# Algebra and Geometry I Syllabus

Mrs. Maurer

2014 - 2015

<http://maureralgebrageometry.weebly.com/>

810.225.5701

## 1. Course Description:

Algebra and Geometry I emphasizes the learning of mathematics through problem solving discovery, communication, and reasoning. This course stresses the connections between mathematical topics and other disciplines. Algebra and Geometry I explores topics including surface area, volumes, linear equations and models, exponential equations and growth rate, direct and inverse proportions, introductory probability, similarity, the Fundamental Counting Principle, and inequalities. (Text: SIMMS Level 1 - \$35; subject to change and will be provided to the student.)

## 2. Course Requirements:

Being able to communicate in a mathematics classroom is extremely important, which means that you must participate! You will be expected to participate in class discussions, perform lab work, take notes, explain your solutions (both verbally and in writing), and read the textbook. In this class, you will have warm ups, daily assignments, labs, quizzes, and tests. You will also be expected to keep a binder.

## 3. Grading Policy:

You will be required to show all work in order to receive credit. This applies to warm ups, daily assignments, labs, quizzes, tests and any other assignments.

\*Warm ups will be collected in your binder and occasionally turned in for a quiz grade.

\*Daily assignments will be **due at the beginning of class** and checked the day after it is assigned. Daily assignments will be worth 4 points each and graded based on the quality of effort shown.

\*Quizzes may be announced in advance. Quizzes will be worth approximately 25 points each.

\*Tests will be announced in advance and will be worth approximately 50 points.

\*Binders will be expected to be organized and completed and will be collected after each test.

## Grading Scale:

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

## Quarter Grade:

Assignments	20%
Quizzes	25%
Tests	50%
Participation	5%

## Semester Grade:

Each Quarter	40%
Semester Exam	20%

\*\*To pass this course, you must receive at least a D- in 2 of the 3 semester grades.

#### 4. Feedback to Students:

The best way to check for updated grades is to go to MiStar. All assignments, quizzes, and tests will be returned to students in a timely manner with a grade and appropriate comments. You will receive quiz/test results the day after you have completed your quiz/test. Students will be expected to complete a quiz/test analysis to determine and evaluate what was answered correctly and incorrectly. Students will be allowed to make quiz corrections and receive up to half of the points back by completing the problem correctly with all work shown.

#### 5. Make up work:

You are responsible for finding out what you have missed when you are absent and turning in all work in a timely manner. You can view all work that has been assigned on my website on the calendar at <http://maureralgebrageometry.weebly.com/>. Most classroom assignments can be found in the classroom, in the plastic bin. Work missed due to an excused absence must be made up in the number of days absent. A quiz or test needs to be made up on your time **within a week** after you have missed, before school, after school, or during lunch.

#### 6. Late work:

Late work is not accepted.

#### 7. Extra help:

Feel free to see me for extra help. I am usually available in my room every day after school for about an hour. Please let me know in advance that you plan to stay for help. Mrs. Cummins is our math support specialist and is available after school. There are additional resources for understanding material at <http://maureralgebrageometry.weebly.com/>.

#### 8. Extra Credit:

Extra credit will be available occasionally and announced to the whole class.

#### 9. Classroom rules:

- a. Be on time. Tardiness will be counted and managed according to the school policy, which is in your information guide.
- b. Be prepared. This includes having a pencil, your book, your assignment, your calculator and your binder and using the bathroom during passing. If you need to leave the classroom to get these items, you will be marked tardy.
- c. No food or pop is allowed.
- d. All policies outlined in your INFORMATION GUIDE will be enforced in my classroom.

#### 10. Requested materials (bring to class no later than Monday, September 9, 2013):

- a. 1 1/2" or 2" three-ringed binder (1" is TOO SMALL)
- b. Five tabbed dividers
- c. Pencils
- d. **Scientific Graphing Calculator TI-83 Plus** (This is available for purchase at WalMart, Staples, Meijer, Target, walmart.com, eBay, craigslist, etc. Students may opt for a year-long classroom loan and need to see me for the form.)
- e. Binder pouch

# Pinckney Community High School

10255 Dexter-Pinckney Road

Pinckney, MI 48169

(810) 225-5500

Dr. Jim Darga, Principal  
Dianna Behl, Assistant Principal  
April Woods, Assistant Principal

September 2, 2014

Dear Parents/Guardians:

Please read the attached syllabus and expectations that I have for your child's mathematics class. Feel free to e-mail me at [lmaurer@pcs.k12.mi.us](mailto:lmaurer@pcs.k12.mi.us) or call me at 810.225.5701 if you should have any questions about the class or your child's work in the class. A great component for parent communication is MiStar. Access this site often!! Announcements will be posted often here. I hope that by working together, the year will be successful for your child. I have created an additional online tool for you and your students at <http://maureralgebrageometry.weebly.com/>.

Sincerely,

Mrs. Lori Maurer  
Mathematics Department

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Please fill out the information below and have your student return it to **Mrs. Maurer** by Friday, September 6, 2014. Signing below indicates you have read the course syllabus.

Student Name \_\_\_\_\_

Student Signature \_\_\_\_\_

Parent/Guardian Name(s) \_\_\_\_\_

Parent Signature \_\_\_\_\_

Parent/Guardian Email \_\_\_\_\_

Parent/Guardian Email \_\_\_\_\_