

# PLAINFIELD EAST HIGH SCHOOL



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## Algebra I Syllabus

2019/2020

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### COURSE DESCRIPTION:

*Welcome to SpringBoard Math for Algebra I!* In this course, students will learn the fundamental concepts needed for success in algebra. Students will learn mathematics through a blend of different types of activities. Some activities provide direct instruction, while others ask students to study real-world settings to learn math concepts and how they are used in daily life.

#### ***Unit 1: Equations and Inequalities***

In this unit, students recognize and generalize patterns using words, tables, expressions, and graphs. Students will also generate rules for solving simple linear equations and inequalities.

#### ***Unit 2: Functions*** (2 Tests – Part 1 and Part 2)

In this unit students study functions and function concepts, including domain, range, slope as a rate of change and intercepts. Students write linear functions given a point and a slope, two points, a table of values, an arithmetic sequence, or a graph. They collect and model data with linear, quadratic, or exponential functions.

#### ***Unit 3: Extensions of Linear Concepts***

In this unit students continue their study of linear concepts by learning about piecewise-defined linear functions, linear inequalities with one and two variables, and systems of linear equations and inequalities.

### GRADING:

**Course Grades:** Course grades will not be based upon a total accumulation of points. Instead, student grades will be determined based on the following weighted categories:

Assessments (Unit Tests and Quizzes): 50%  
Homework: 10%  
Classwork (Participation, Assignments and Projects): 20%  
Final Exam: 20%

Grading Scale: A=100 – 90; B=89 – 80; C=79 – 70; D=69 – 60; F=below 60

### **Homework:**

Homework is an important part of Algebra I. Some of the concepts are difficult and require various amounts of practice to master. Homework will be assigned daily and it is expected to be completed by the following class period. Homework will be reviewed in class the next day and you are required to correct any mistakes. It is imperative that you complete the homework so that you can master the material. Homework may be checked daily, after several days, or with a homework quiz. Points may be deducted for work turned in late. Any late work from a particular unit is due the day of that unit test.

### **Agenda Book:**

All students in freshmen courses are required to have an agenda book that will be checked daily for points. Students are expected to write down their homework assignments daily.

### **Assessments (Unit Tests and Quizzes):**

You can expect several small assessments (quizzes) per unit. If you have completed the homework and successfully mastered the material, you will probably do well on these quizzes. There are no retakes on quizzes. A Unit Test will be given at the end of each unit. If your score on the Unit Test is below 60% then a retake is mandatory. One optional retake will be allowed each semester for scores 60% or higher IF there is no missing work throughout that unit. For optional retakes, the retake score will replace the original score. All retakes must be completed within 5 school days of the assessment being returned to the student. The retake will be during lunch/study hall or after school. Retakes will not apply to Final Exams.

### **Classwork:**

Our curriculum is interactive and is designed for students to collaborate and cooperate during classroom activities. In addition to working with their classmates on activities, assignments and projects, students will also have daily POPA! The first P stands for coming prepared to class (book, pencil, calculator, etc.). O stands for working on the opener (writing it down, not talking). The second P stands for Participation/Collaboration (in group activities, when called on, not disrupting class). The A stands for Agenda Book. Each student may be awarded four points per day. If a student is absent, he/she will earn all four daily points with the assumption that they will get the notes and material from a peer in the classroom. Points are deducted if students are not prepared, not working on openers and not participating in the class. If a student loses a point(s) on a particular day, they will be notified right away. POPA points will be tallied and entered into the gradebook weekly.

### **EXPECTATIONS:**

- **BE PREPARED!:** Come to class on time, with all materials, ready to learn.
- **BE RESPECTFUL!:** Raise your hand, don't talk when others are talking, treat people how you would like to be treated.
- **BE PRODUCTIVE!:** Follow directions, stay organized, and complete assignments on time.
- **BE SAFE!:** Always be aware of your surroundings and employ safe habits.
- **BE POSITIVE!:** Ask questions, don't get discouraged, and have fun!

### **ABSENCE POLICY:**

Students who have a pre-excused absence (field trips/vacations) are allowed to make up work missed during the absence. When assignments are provided by the teacher before the student leaves, the student is required to turn in the assignments upon return to each class.

For an excused illness absence, the student is entirely responsible for requesting the make-up work from the teacher(s). Tests/quizzes will be scheduled at an agreed upon time. Students will be given one school day for each day of excused absence to make up assignments and tests. Additional considerations will be given for students with extended illnesses.

In the matter of disciplinary absences, for the first offense resulting in a suspension longer than 3 days, the Attendance Office will collect and provide homework assignments to the student. It is the responsibility of the student to contact the Main Attendance Office and make arrangements to pick up the homework assignments. For subsequent, external suspensions, it is the responsibility of the student or parent to contact the teacher to obtain homework assignments. It is the suspended student's responsibility to make up missed work or tests. Work is due on the date of return to school.

## **ACADEMIC HONESTY:**

### **Tests, Projects, Essays & Final Exams**

If a student is caught cheating on a major assignment and/or test, he or she may receive the following:

**1<sup>st</sup> Offense:** 1 hour referral (referral submitted by teacher to the appropriate dean), but an opportunity to retest, and/or complete the assignment with 20% off their retake grade.

**2<sup>nd</sup> Offense:** 4 hour referral (referral submitted by teacher to the appropriate dean), but an opportunity to retest, and/or complete the assignment with 50% off their retake grade.

**3<sup>rd</sup> Offense:** ASDA (referral submitted by teacher to the appropriate dean) and a 0% on their grade.

(Note: Due to the different format of major assignments and tests between departments, the times and policies for completing the assignment will be determined by individual departments.)

### **Homework**

If a student is caught cheating on a homework assignment, he or she may receive a 0% on the assignment and follow the above discipline consequences. Make-up work will not be given.

### **Additional Information Regarding Academic Honesty**

Unless otherwise stated by the teacher, all assignments are to be turned in and completed independently. The consequences for multiple occurrences of cheating are cumulative across subjects/disciplines.

## **CLASSROOM PROCEDURES:**

- You need to be in your seat when the bell rings.
- Take out your homework and start the opener.
- Respect others and your school. We all know what this means.
- Keep hall passes to a minimum. You cannot learn if you're not in the room.
- Refer to your student handbook for all other rules and regulations.
- Bring your required materials every day.

## **REQUIRED MATERIALS (due Monday, August 19<sup>th</sup>, 2019):**

The following materials must be brought to class every day:

1. Algebra 1 SpringBoard Workbook (provided on first day of school)
2. Binder (1 inch)/Folder
3. Loose leaf paper/Notebook
4. Pencils
5. TI-83/TI-84 graphing calculator (one of these) →
6. Agenda Book
7. Kleenex (only one box turned in by Monday 8/19/19)

\*Additional supplies may be required throughout the year.



### **Optional Materials:**

- binder dividers/tabs
- highlighters
- different colored pens (for corrections)
- sticky notes
- other items you feel would be helpful with YOUR organization

### **COMMUNICATION:**

Teacher-Student communication is important. You need to tell me **the moment** you feel you need additional assistance. I am in the building by 7:00AM and I usually do not leave before 2:45PM. My office is in the Math Office, Room 220 or you can contact me by email at [ariedel@psd202.org](mailto:ariedel@psd202.org). I am here to help you, but you have to let me know that you need assistance.