

# Algebra Foundations 2

## Term 2

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## Mr. Lee

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### Goal

This course will explore the various foundations of Algebra Foundations 2 that is aligned with the California Core State Standards. It will also provide and establish the basic fundamentals and the expansion in learning higher levels of mathematics.

### Objectives

In this course, students will evaluate, solve, and graph algebraic expressions (linear and quadratic), equations, and inequalities as well as apply algebraic concepts to solve real world problems. Students will also be exposed to rational and radical expressions. They will be able to understand patterns, relations and functions, represent and analyze mathematical situations and structures using algebraic symbols, use mathematical models to represent and understand quantitative relationships, analyze change in various contents, and develop critical thinking and decision-making skills. Students will also develop critical thinking and decision-making skills by connecting concepts to practical applications that will allow them to be productive members of society.

### Recommended Student Materials

- 1 Binder (2 inches)
- 3 Dividers (if possible)
  - 1 section for notes
  - 1 section for homework/worksheets
  - 1 section for quizzes/tests
- Spiral notebook
- Calculator (graphing or scientific)
- Pencils and erasers
- Colored pen

# Homework/In-class Work/Participation/Portfolio

Homework is a fact of life in mathematical courses. New topics are introduced each day that focus on knowledge gained from previous lessons. Keeping pace with homework assignments, getting that daily repetition on one's own, will provide students with the ability to have questions or concerns on problems clarified, as well as prepare them for the topics that follow. Homework will be assigned each day and will be checked daily. Homework must be done in pencil and is worth 2 points. Homework points are based on completion and not accuracy. No partial credit will be given and no credit will be given to assignments that do not show formulas, calculations, and steps that are necessary in completing the assignment.

**Late assignments will not be accepted.**

## Quizzes and Tests

Quizzes and/or tests will be administered frequently throughout the terms. Quizzes and tests are a way to gauge students understanding of the material. Quizzes and tests are planned in advance, and students will know when they are scheduled in advance. The concepts and skills being evaluated will usually be reviewed the day before the test. No restroom trips during a quiz or test.

## Absences

Students will be permitted to make up missed assignments only if their absence from class is excused. An excused absence does not mean the student is excused from completing the assignment, only that the assignment can be made up. The number of days a student will have to complete missed assignments is equal to the number of days absent from class. Students will not be allowed to make up quizzes and tests due to an unexcused absence.

## Evaluation

Grades are cumulative through the end of each term and will be based only on demonstrated mastery of concepts and development of skills. Students will be graded in total points earned in the areas of homework, class/group activities, participation, quizzes, and tests. Final grade will be based on:

15% - Homework/In-class Work/Participation/Portfolio

65% - Quizzes and Tests

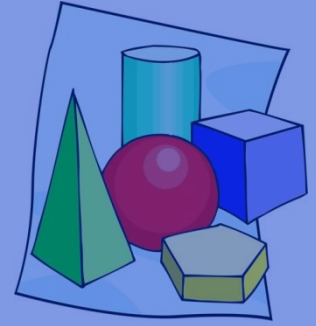
20% - Final Exam

A+	100 – 98%	B+	89.99 – 88%	C+	79.99 – 78%	D+	69.99 – 68%
A	97.99 – 92%	B	87.99 – 82%	C	77.99 – 72%	D	67.99 – 62%
A-	91.99 – 90%	B-	81.99 – 80%	C-	71.99 – 70%	D-	61.99 – 60%
						F	59.99% or below

Parent/guardian may be notified if you have been disruptive in class. There is zero tolerance for academic dishonesty in any means and methods. Cheating on a quiz or test will result in a zero, along with parental notification and school disciplinary action.

# ALGEBRA FOUNDATIONS 2

## Classroom Rules and Expectations



1. Always be on time and ready to learn.
2. Students will show respect for their teacher and the ideas, feelings, and property of others. When a member of the class is speaking, all others are to be listening. Responses must be appropriate to the topic at hand.
3. Always raise your hand if you have something to say.
4. Always be prepared (binder, notebook, calculator, pencil). Failure to bring materials will cost 1 participation point per incident.
5. Always have homework completed before entering the classroom.
6. Every assignment that is turned in for a grade must be completed in pencil and must be neat. If an assignment is completed in pen or is unreadable, you will not receive credit for that assignment.
7. Always show work.
8. Participate in class and group activities.
9. Ask questions when confused. Students are to seek help when understanding of a topic is at a minimum.
10. **No sleeping, eating food, chewing gum, or rough play in class. Water is okay.**
11. **Students will be allowed to go to bathroom and/or locker ONLY if he/she has their homework done for the previous day and always after the lesson. 10 bathroom and/or locker passes will be distributed at the start of the term. Using up or losing all 10 passes in the term will disqualify you from going to the bathroom and/or locker further. Unused passes will count towards 1 extra credit point on quiz/test per pass.**
12. **No lining up by the door before the bell rings (I dismiss you, not the bell). (1 point will be deducted from quiz/test for every instance).**
13. **No cell phones or other electronic devices are allowed in the classroom. Use of or playing with a cell phone or electronic device will be confiscated and turned into the main office. (1 point will be deducted from quiz/test for every instance).**
14. **No swearing, profanity, or inappropriate language, including innuendos. (1 point will be deducted from quiz/test for every instance).**
15. Have fun.

Dear parent(s),

The course syllabus reflects goals and objectives of Algebra Foundations 2. Please read the syllabus along with the classroom rules and expectations with your child and complete the information below. Thank you.

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I have read and understand the course syllabus along with the classroom rules and expectations and accept the responsibility for meeting these requirements.

Student's name (print) \_\_\_\_\_

Student's signature \_\_\_\_\_

Parent's name (print) \_\_\_\_\_

Parent's signature \_\_\_\_\_

Best phone number to reach a parent \_\_\_\_\_

Best email to reach a parent \_\_\_\_\_

Which form of communication is best to reach a parent?

Telephone

Email

Please state or list any concerns or requests for the class.