



# GEOMETRY

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## **Mr. Lee**

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### **Goal**

This course is designed for students who have completed Algebra I and will explore the various foundations of Geometry 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**

Students will recognize and apply relationships between points, lines, and planes, develop and apply properties related to polygons, demonstrate and apply knowledge of trigonometric ratios and special right triangles, and apply properties and relationships with circles and calculate measurements with both plane and solid figures.

### **Education to Career Connection**

Throughout Geometry, students will be working in various situations: individually, pairs, and in team structures. These situations will help students assume responsibility for their decisions and actions, evaluate results, communicate with others, recognize individual diversity, and work with other team members. 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 (1.5 - 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
- Red pens

## **Homework/In-class Work/Participation**

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. Along with homework, students will be given points for in-class work and participation. Deductions for in-class work and participation points will occur when the student does not bring materials to class, does not participate, does not work in class up until the bell, is disruptive, is tardy, and uses profanity or inappropriate language. **Late assignments will not be accepted.**

## **Quizzes and Tests**

Quizzes/tests will be administered approximately every week. Quizzes and tests are a way to gauge student's 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 will be allowed 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

65% - Quizzes and Tests

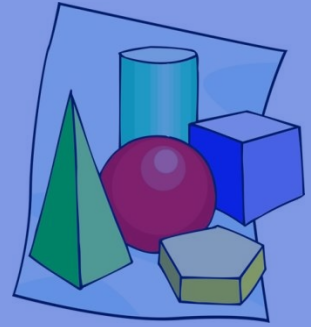
20% - Final Exam

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 are failing or 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 where a record will be made in the student's file.

# GEOMETRY

## Classroom Rules and Expectations



1. Always be on time and ready to learn. Please be in your seat when the bell rings and not by the door or floating around in the classroom.
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. Do not speak if I am or another student is speaking.
4. Always be prepared (binder, notebook, calculator, pencil, etc.).
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.
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 after always the lesson.
12. No lining up by the door before the bell rings (I dismiss you, not the bell).
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. There is a zero tolerance for cell phones during quizzes/tests.
14. Chromebooks may be used only with my permission.
15. No swearing, profanity, or inappropriate language, including innuendos (1 quiz/test point will be taken away for every instance).
16. Have fun.

Dear parent(s),

The course syllabus reflects goals and objectives of GEOMETRY. 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.



# Sign up for important updates from Mr. Lee.

Get information for Troy High School right on your phone—not on handouts.

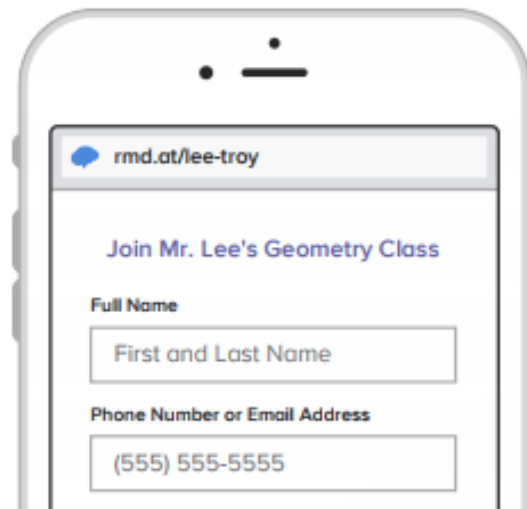
Pick a way to receive messages for Mr. Lee's Geometry Class:

- A If you have a smartphone and want to download the mobile app.

On your iPhone or Android phone, open your web browser and go to the following link:

[rmd.at/lee-troy](http://rmd.at/lee-troy)

Follow the instructions to sign up for Remind. You'll be prompted to download the mobile app.

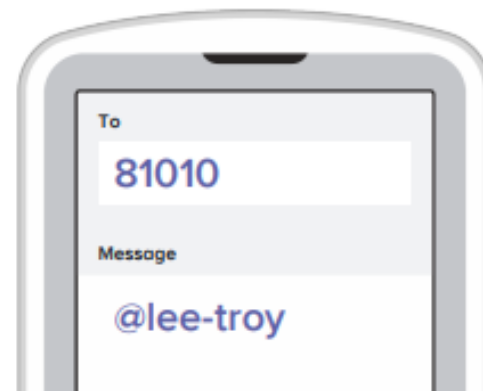


- B If you have a smartphone and do NOT want to download the mobile app.

Text the message @lee-troy to the number 81010.

If you're having trouble with 81010, try texting @lee-troy to (909) 256-0404.

\* Standard text message rates apply.



Don't have a mobile phone? Go to [rmd.at/lee-troy](http://rmd.at/lee-troy) on a desktop computer to sign up for email notifications.

Dear Parent/Guardian,

The Fullerton Joint Union High School District (FJUHS) is currently piloting a California State Standards-aligned Math Curriculum. At Troy High School, my Geometry class will be piloting the McGraw-Hill textbook during the first quarter and Pearson textbook during the second quarter of the 2017 school year. The curriculum addresses the key shifts in the standards such as making sense of problems and persevering in solving them, reasoning abstractly and quantitatively, constructing viable arguments and critiquing the reasoning of others, modelling with mathematics, using appropriate tools strategically, attending to precision, looking for and making use of structure and expressing regularity in repeated reasoning. Additionally, this curriculum is a hybrid curriculum, so your student will be interacting with curriculum materials both in print and through a secure digital interface using classroom Chromebooks.

The curriculum already aligns with the California State Standards that the District has already adopted, and the grading criteria and course goals as stated in the class course syllabus will remain the same.

Student and parent feedback is important as we choose the curriculum that will best fit the diverse needs of all students and teachers at Troy High School. We will be asking students in class to evaluate their impressions of the pilot curriculum throughout the pilot process. If you would like to view the pilot materials, they are available at the District in the Education and Assessment Services office at 1051 W. Bastanchury Rd., Fullerton, CA 92833 during regular business hours. If you have any questions or feedback, please feel free to contact me anytime.

<b>CHROMEBOOKS MAY BE ONLY USED BASED ON MY PERMISSION IN CLASS.</b>
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Sincerely,

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Troy H.S. Mathematics  
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