

**EASTVALLEYHIGH SCHOOL  
5525 VINELAND AVE  
NORTH HOLLYWOOD, CA91601**

**CLASS GUIDELINES**

INSTRUCTOR: AZNIV SHAHMELIKIAN (Room N211)

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Textbook: BigIdeas Math-Geometry by Larson & Boswell

**Program Philosophy: Rigor and Balance with Real-Life application.**

The Big Ideas Math Program

- 1) Balances conceptual understanding (Explorations in every section) with procedural fluency (solved examples, direct instruction lesson, allow and provide the opportunity to use clear, precise mathematical language). Real life applications help turn mathematical learning into an engaging and meaningful way to see and explore the real world.
- 2) Offers students many ways to personalize and enrich the learning experience of all levels of learners through “Dynamic Student Edition”, available online or as eBook App. It provides you learning resources, including engaging tutorials, interactive manipulations, flashcards, vocabulary support, and games that enhances and promotes mathematical understanding. Online lesson tutorials support for every example in the textbook (Useful if you missed a class, need a second explanation, or need extra assistance with a homework assignment).
- 3) Has Dynamic Investigations that are powered by Desmos and GeoGebra.
- 4) Has Real-life STEM Videos that allow students to further engage with mathematical concepts.

**Topics to be covered.**

**Unit 1: Congruence**

- Make Geometric Constructions; Experiment with transformations in the plane [G-CO 12&13 and G-CO1-5]
- Understand congruence in terms of rigid motions [G-O6-8]
- Prove geometric theories [G-CO 9-11]

**Unit 2: Similarity**

- Understand similarity in terms of similarity transformations [G-SRT1-3]
- Prove theories involving similarity [G-SRT4-5]

**Unit 3: Expressing geometric properties with equations; circles.**

- Use coordinates to prove simple geometric theorems algebraically [G-GPE4-7]
- Understand and prove theorems about circles; Find arc lengths and areas of sections of circles [G-C1-5].

### **Unit 4:1) Similarity, Right triangles, and Trigonometry**

- Define trigonometric ratios and solve problems involving right triangles [G-SRT6-8.1]

#### **2) Geometric Measurement and Dimensions.**

- Explain volume formulas and use them to solve problems; visualize relationships between 2-D & 3-D objects [G-GMD 1-6]

#### **Note: Abbreviations of Common core.**

G-CO: Geometry-Congruence

G-SRT: Geometry-Similarity, Right triangles and Trigonometry.

G-MG: Geometry-Modeling with Geometry.

G-GPE: Geometry-Expressing Geometric properties with Equations.

G-C: Geometry-Circles

G-GMD: Geometry-Geometric Measurement and Dimensions.

#### **Grading policy:**

**Remember... Mathematics is not a spectator sport! Actively participating, reading carefully, and completing your assignments will contribute to your success in Algebra II, and in other mathematics courses you take in the future.**

Grade Breakdown for Geometry.

- 10% warm-up
- 35% Class activities, projects, class works, group works, participation
- 40% Tests & Quizzes
- 10% Homework
- 5% Final exam
- **5% Extra credit for extra credit assignments, participation and character education.** (Characters refer to human values, values that allow us to live confidently and comfortably with other beings. Some of these values are: respect, resiliency, patience, integrity, dignity, humility, kindness, curiosity, modesty, accountability and perseverance).

#### **Grading Scale:**

88 – 100% **A**            76 – 87% **B**            64 – 75% **C**    50 – 63% **D**    0 – 49% **F**

- Students involved in cheating on tests, will receive “0”.
- Students should show work in their tests to get the whole credit.

#### **Do you need Math help?**

Without any hesitation, ask your questions, get help from the tutoring program of the school, and go to “Dynamic Student Edition” and use the engaging tutorials and online lesson tutorials; also use any LAUSD resources for students.

### **Class Materials:**

- Spiral Notebook
- Book
- Student Journal
- Pencils and Pens
- Ruler, Protractor and Compass

### **Assignments:**

Daily assignments will be given to the students to introduce, reinforce and review class materials. Assignments will better prepare the students for quizzes, chapter tests, and final cumulative exam.

Assignments are due next day at the beginning of the period unless otherwise stated. Absent students are responsible to make up their missing works to get the credit.

A notebook of assignments, class notes, warm ups and Journal will be kept. It will be graded every test day, and at the end of each semester where they earn 100% as a test grade.

Never forget that good organizational skills will be a long asset.

### **Attendance and make-up policy:**

Attendance is extremely important. Class is the place where explanation and learning takes place. **Become responsible citizen and follow school's attendance policy.** The student is responsible for the missed tests. They have to arrange a makeup day with the teacher if it was excused absence otherwise, it will be an F. If you have to miss the class on the test or quiz day for games, you have to inform the teacher to set time to take it preferably on the same day before you leave for the game.

### **Citizenship and Standards of Conduct.**

**Student's behavior guarantees academic achievement.** It is very important to listen quietly, and follow directions the first time they are given. Students have to follow safety rules.

- Be on time, prepared with necessary materials, ready to learn and cooperate.
- If you have something to say, raise your hand and wait until you are given permission to speak.
- No food, or gum, or drink (Except water) in the classroom.
- Be respectful to your classmates and teacher.
- Keep your hands/feet to yourself.
- NO cursing
- NO making fun of each other.
- NO electronic devices (It will be confiscated).
- NO cell phones to be seen or heard (It will be confiscated), not even as calculators.
- NO sharpies.
- No electronic devices other than actual calculators to be used as calculators. Calculators will be provided if you don't have one.

### **Standard consequences for poor conduct:**

1<sup>st</sup> time, verbal warning.

2<sup>nd</sup> time discussion with teacher that day, possible contact to parents, (Definite parent contact if student does not discuss event with teacher that day).

3<sup>rd</sup> time, student sent to the office with discipline referral (Citizenship grade affected) “U” will be given as a citizenship grade, if you have two referrals.

Students are not allowed to leave the classroom, except for a real emergency.

### **Class Procedures:**

1. Be in your seat when the bell rings.
2. Do the warm-up/POD.
3. Pay careful attention to the explanation to expend your knowledge and elevate yourself, your group members and your surroundings.
4. Participate, complete activities and class works.

**I am looking forward to working with you to make this year a wonderful learning experience. In order to make this positive learning environment, we must work together to create a good learning atmosphere.**

I have read and fully understand all parts of the class guidelines for Mrs. Azniv Shahmelikian's class. I agree to abide by the requirements that are expected of me.

Print Student name: \_\_\_\_\_ Period: \_\_\_\_\_

Student's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent's or guardian's name: \_\_\_\_\_

Parent's or guardian's signature: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Zip Code: \_\_\_\_\_

Work Phone : \_\_\_\_\_

Home Phone: \_\_\_\_\_

Parent's or guardian's e-mail address: \_\_\_\_\_

Concerns Teacher should be aware of:

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Return by August 29, 2016