**THOMAS JEFFERSON HIGH SCHOOL**

**GEOMETRY I**

**2013 – 2014**

**INSTRUCTOR : Mrs. Parra ROOM : 124**

**VOICEMAIL: 720 – 423 – 7141 EMAIL: christina\_parra@dpsk12.org**

**AVAILABILITY:**

Before (7:00 – 7:30) and after school M, T, Th, F(3:00-3:30), after school W (2:14-2:55)other times by appointment.

Students and parents are encouraged to come in during these times for extra help, progress reports or to conference with the teacher.

**COURSE INFORMATION**

**Topics covered:**

* Language of Geometry
* Constrictions and Transformations
* Reasoning with Triangles and Triangle Properties
* Reasoning with Polygons and Polygon Properties
* Pythagorean Theorem and Coordinate Geometry
* Similarity and Right-Triangle Trigonometry
* Area, Surface Area, and Volume
* Reasoning with Circles and Circle Properties

**Primary methods of instruction:**

* Geometry is different in the way it is taught, however it uses a lot of the same techniques that are learned in Algebra. We will be exploring many different concepts around geometric shapes, angles, area, and trigonometry. Vocabulary is also an essential part of geometry so we will also be spending time on exploring the vocabulary so that we can fully understand it.
* Most lessons are taught through: investigations, cooperative learning, lecture, discovery lessons, and self-study

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| **Required Materials (for daily use in the class)** |
| * Discovering Geometry Text * Ring Binder – 2” in size (this will be used to hold your notebooks) * 4 Single Subject Notebooks * Graph Paper (if possible) * Scientific Calculator (TI-30) **Recommended for use at home** * Pencils   A note on materials: It is your responsibility to come to class prepared. If you are having trouble providing these materials please see me and I will make arrangements for you. I will not be providing these materials for you so please make sure to always have your notebooks and pencils at a minimum. |

**ASSIGNMENTS/GRADING**

**Grading Scale:**

A (100 %– 90%) B (89% - 80%) C (79% - 70% ) D (69% - 60%) F (50% - 0%)

**Grade Breakdown:**

Homework/Classwork: 25%

Tests/Quizzes 75%

**Each 6 week term will be worth 30% of the student’s overall grade and the final exam will be worth 10% of the student’s overall grade.**

**Grades:**

Grades are updated on a weekly basis and may be accessed on infinite campus, I will help students with concepts that they are struggling on during my office hours. You will have the opportunity to retake tests and quizzes only if you have complete all of the work related to that chapter.

You are responsible for looking up your grades and discussing them with me, it is important that you know how to advocate for yourself.

**Make-up work:**

If you miss class for any reason, you are not excused from the work assigned that day. It is your responsibility to request make-up work or schedule time to make up tests. Make-up work can be found on my webpage on [www.tjjournal.com](http://www.tjjournal.com) , if it is not on the website, make-up work will only be given at lunch, before and after school. Do not plan on having class time to makeup work

**Late work:**

Homework will be accepted one day late for full credit. After the first day, students may turn work in for 60% of the credit up through the test day for that unit.

**Extra Credit:**

Should not be expected - Though there may be a few opportunities, usually offered within an assignment or quiz/test, you should not depend on extra credit to affect your grade a significant amount.

**Extra work will not be assigned for individual students wishing to raise their grade, so please do not wait until the end of a term or semester to come in for help or to raise your grade!**

**Coursework:**

**Homework/Class work:**

* Class work includes warm-up/closure activity, in class assignments and participation
  + Graded based on amount of work completed, and time spent on task
* Homework will be assigned on a regular basis and is **expected to be turned in!**
  + Worth 10 pts. each – graded by completion – You MUST show work for credit
* Assignments are posted on the class website – check this if you are behind

**Quizzes:**

* Section quizzes – will be once a week and will cover the content that has been covered that week. Quizzes may be retaken and the two scores will be averaged.
* Quizzes must be completed in class or during one sitting

**Tests/Final Exam:**

* Tests will be announced at least one week in advance and will typically cover one unit.
* Tests must be completed in class in the time allotted unless prior arrangements are made
* There will be one retake offered on each test except the final exam
* You must arrange a time to come in and complete the retake within 2 weeks after test was returned
* You must do corrections on the problems you missed
* The final exam will be cumulative and may not be retaken.

**CLASSROOM EXPECTATIONS/BEHAIVOR**

As a teacher it is my job to ensure that learning is going on in the classroom. My expectation is that you not only learn from me, but learn from your peers as well. You are expected to share your thinking during class, listening to your peers ideas and thinking, and learning from each other.

Remember that mistakes happen, however mistakes are opportunities to learn and deepen your understanding. With that being said be respectful of not only myself but your peers as well!

* **Show respect for yourself, your teacher, your peers and the classroom**
* **Take pride in yourself, your work and your school**
* **Be prepared by being on time, with all your materials and be prepared to work hard**
* **Come to class prepared to learn, this means you are in dress code and have all of your materials.**
* **You are expected to turn off all electronic devices and put them away before you enter the classroom, If I see it I am required to confiscate it and turn it into the office, this is non-negotiable.**
* **Complete all of your work on time, SHOW ALL OF YOUR WORK, and make sure that they are done in PENCIL!**
* **You may talk quietly during group work**.
  + At any other time – during lecture, a quiz, a test, presentation, warm-ups and so on, talking will not be tolerated and addressed as disruptive behavior.
* Disruptive behavior will not be tolerated.
  + On your first offense you will be moved.
  + Repeat offenses may result in time held after class, during lunch, before, or after school and a call home.
  + Multiple offenses will result in you being removed from class.
* Profanity, in words or actions is not acceptable behavior in this classroom. Those who violate this rule risk being removed from the classroom.
* Respect one another! This means no name calling, harassment, etc. This will not be tolerated in any way. Do not do it.
* Policies regarding attendance, tardiness, make-up work, dress code, and electronics will strictly follow the school code.

**HOWEVER I ENCOURAGE EVERYONE TO HAVE FUN!!**

I have read the attached syllabus, and I agree to meet the expectations described.

Student Name (print) Date

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Student Signature Date

I have read the attached syllabus, and I agree to support my child in meeting the expectations described.

Parent/Guardian Name (print) Date

Parent/Guardian signature Date

Parent/Guardian phone number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (primary)

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Parent/Guardian email:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

It is best to contact me by phone or email. (please check one)