

Geometry B

Ms. Treese

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2019-2020 Syllabus

Welcome to Geometry B! Geometry is a mathematical system that develops from: undefined terms to definitions to postulates to theorems. With these laws and basic reasoning, students will learn how to make logical conclusions. At the end of this course, students should be able to write and plan proofs in a mathematical language and apply geometric ideas to the real world. We will cover topics such as points, lines, planes, proofs, parallel and perpendicular lines, properties of triangles, congruent figures, similarity, area, surface area, volume, circle, and trigonometry.

Materials Needed

- Textbook: *Pearson Geometry Common Core* (www.pearsonrealize.com)
- Websites: www.mathxlforschool.com, Google Classroom, www.edpuzzle.com, www.desmos.com
- A graphing calculator (TI-84)
- Binder (preferred) or a folder to keep handouts and homework organized
- Your device CHARGED and ready to go for class
- Loose-leaf for homework and graph paper is optional
- Pencils for completing work
- Highlighters (recommended)

LAPs

All students will receive access to a copy of the LAP packet at the beginning of each unit. LAP documents will be posted on Ms. Treese's Weebly page and Google Classroom page.

COURSE OVERVIEW

All students will receive access to a copy of the LAP packet at the beginning of each unit. LAP documents will be posted on Ms. Treese's Weebly page and google Classroom page.

- LAP 1 - Tools of Geometry
- LAP 2 - Proof and Reasoning
- LAP 3 - Parallel and Perpendicular Lines
- LAP 4 - Congruent Triangles
- LAP 5 - Relationships within Triangles
- LAP 6 - Quadrilaterals
- LAP 7 - Similarity
- LAP 8 - Trigonometry
- LAP 9 - Transformations
- LAP 10 - Area
- LAP 11 - Circles
- LAP 12 - Surface Area and Volume

Absences

- You have a LAP so you should be aware of the assignments and topics covered in class when you are absent. You should ***NOT*** come to me and ask what you missed. You should already know by looking at your LAP as well as accessing my website.
- It is my expectation you reference your LAP and Google Classroom to know what has been covered.
- If we are starting a new LAP, it will be posted on my website and Google Classroom.
- It is your responsibility to gather assignments and notes from missed classes as well as schedule times during open lab, before, or after school to go over missed material.
- When you return to school, you should turn in any homework you were PRESENT for the lessons, and the class has already turned in.
- If you are absent multiple days, come see me. Together, we will arrange a schedule to complete all assignments or assessments missed.

WHAT TO DO WHEN YOU ARE ABSENT:

- Reference your LAP to know what topic/activity you are missing.
- Access Google Classroom for any notes or new LAPs.
- Email Ms. Treese about your absence and communicating when you would like to meet to go over the missed material or reschedule a test.
- Go see Ms. Treese to go over missed material and turn in homework already due.

Student Expectations

- 1. Take responsibility for your own actions** - Integrity is expected at all times. Students are expected to uphold the following class values: courtesy, honesty, respect and a positive attitude.
- 2. Arrive every day to class on time.**
- 3. Arrive prepared** - Students are expected to come to class with their completed assignments, pencil, paper, binder, book, calculator, BYOD and other required materials.
- 4. Maintain learning atmosphere** - Students have a responsibility to themselves and to their classmates to help maintain a learning atmosphere in the classroom.
- 5. Participate** - My goal is to help everyone enjoy and learn math. I will do my best to present the material in the best possible manner, from several points of view. Class participation and assignments are very critical.
- 6. Prepare** - You must prepare appropriately for summatives. Relying on the REDO process to improve a score instead of adequately preparing ahead of the summative can place undue stress on yourself because you will have added extra work, extra contact time with me and Wednesday morning attendance. In addition, we will have progressed ahead in class to a further LAP.

Grading

- Your grade will be broken down into 3 categories: Summative Assessments, Formative Assessments, and Final Exam.
- Assignments should be submitted on time. It is your responsibility to communicate with Ms. Treese if you encounter difficulty meeting this expectation.
- Utilize Open Lab time to seek additional help from Ms. Treese or any other math teacher. Please sign my open lab sheets on the large bulletin in my room when you know that you will be attending one of my open labs. This lets me know to expect you at that time. Open Lab rules are posted in my room. *Do not* come to my open lab if you do not have math related work. The reason for open labs is for students to obtain extra help in subject areas. In addition, Sr. Mary Kay is available on Wednesdays and Fridays from Mod 1 - 10. She is another wonderful resource for math help.
- We will follow the **IWA Formative Assessment Late Work Policy**. An NLP may not be used for any quiz.
- The grading will be based on total points. However, the following for weights:
 - **Formative: Homework/Quizzes – 35% of semester grade**
 - Daily Assignments – 5 pts for completion
 - Daily Math XL Quizzes - 5 pts for accuracy
 - ACT Quizzes (once a cycle) – 3 pts for completion
 - Back to Basic Quizzes (once a cycle) – 8-10 points for accuracy
 - Open Lab Assignments (10 -20 pts)
 - **Summative: Lap Tests/Projects – 50% of semester grade**
 - LAP Tests given at the end of LAP and taken in Testing Center
 - Projects will be slotted based upon depth and importance. They will be categorized as a summative
 - **Exam: Final Exam – 15% of semester grade**
 - Given at the end of each semester. It is cumulative for the current semester.
 - The second semester exam is typically more difficult than first semester due to increase of difficulty of the material covered in semester 2.
- You can view your current grade by looking at PowerSchool. Grades will be entered within five school days of the due date of assignment/test.
- If your grade falls to a 70% or below, your parent will be contacted and you may not be approved to attend a field trip.
- We will follow the **IWA Retake/REDO Policy**. Please see Ms. Treese's attached Retake/REDO Contract.

****I reserve the right to make changes to this syllabus at any time****

Ms. Treese's Contract for Summative Assessment Retakes

Please read and fill out the following information on the lines provided before coming to conference with me.

I am starting the REDO process for my LAP Summative Assessment over _____.

I understand my REDO is on (or before) Friday _____ at 3 pm.

In order to be able to START the REDO process, you must have turned in ALL formative assessments. First, go to your LAP document, and write down all the assignments for the LAP. Second, go to PowerSchool, and write down the scores for those assignments.

LAP ASSIGNMENTS	YOUR SCORE

After you fill out your assignments and their scores, bring your contract up to conference with Ms. Treese.

You will be required to give up about 2-3 open labs to complete the process. You must complete all the steps to complete the process. Please fill out the dates on the lines provided.

[STEP #1] _____ (write down the date and letter day)

- Fill out the LAP assignments on your contract.
- Conference with Ms. Treese about your test.
- Plan out open lab times to complete the REDO process and fill out the rest of the contract.
- Write ALL of your dates on Ms. Treese's open lab schedule in your class color.
 - Write your last name and the appropriate number for the open lab. (For example, Treese 1, Treese 2, Treese – 3)
- Write the dates in your planner and give your contract to Ms. Treese.
 - You can grab another copy of the contract if you need it for guidance on what you need to for each step.
- Redo the incorrect questions on your test on a *SEPARATE piece of paper*. Write one or two sentences explaining why you got the questions wrong or how you made the correction.
- Conference with Ms. Treese to check your test corrections.

[STEP #2] _____ (write down the date and letter day)

- After you completed test corrections, complete the supplemental problems provided by Ms. Treese.
- Check problems with Ms. Treese or email her if you completed questions on Math XL.
- Study your original summative assessment and study for your re-assessment.

[STEP #3] _____ (write down the date and letter day)

- Send Ms. Treese an email at least 24 hours before if you are testing with the Learning Consultant or the Testing Center.
- Take re-assessment in Ms. Treese's open lab, the testing center, or with the Learning Consultant.

By signing below

*you are committing to the above open labs and accept the consequence if you miss the open lab WITHOUT informing Ms. Treese in advance.

*you understand the expectations listed above as well as the policies regarding the REDO process

Signature: _____

**TREESE GEOMETRY B
SYLLABUS
2019-2020**

I have read the Algebra 1A Syllabus and I understand the policies and consequences. I realize that it is my responsibility to fulfill the requirements of each LAP and to make up any missed work.

Signature of Student

Date

My daughter has shared this syllabus with me and I am familiar with its content.

Signature of Parent or Guardian

Date