Lexington High School

Geometry Syllabus : 2023-2024

Teacher :Ms. Mubango
Room   :808
Contact Information:
Email: sophia.mubango@lexschools.org

Course Description

Topics covered include the language of geometry (points, lines, planes and angles), reasoning and proofs (paragraph, two column, flow, indirect, and coordinate), parallel and perpendicular lines, congruent triangles, applications of congruent triangles, quadrilaterals, similarity, right triangles and trigonometry, circles, polygons and area, surface area and volume, coordinate geometry, and transformations.

Course Objective:

Students will acquire and demonstrate knowledge of concepts, definitions, properties, and applications of the topics listed above as well as develop the computational skills and strategies needed to solve problems. Students will develop critical thinking and decision making skills by connecting concepts to practical applications.

Materials Needed:

* iPad
* 1 Spiral Notebook
* Bookmark Class Site: Google classroom will get class code on 1st Day
* Pen or Pencil
* Calculator- There will be some calculators in the classroom, but you cannot leave with them
You will need one outside of class to work on homework. I would buy a scientific calculator.

Expectations:

- Be on time and prepared
  - *Students will need to be at their desk working on the daily warm-up by the time the bell rings. If you are tardy you will serve your time you missed with me before or after school*
  - *Use the restroom before class starts. If you come to ask to use the restroom during the passing period I will let you go. You may only go in class if it is an emergency.*

- be respectful and be kind
  - *Disrespectful and dishonest students will not be tolerated!!*
- bring your supplies
- follow school rules
- take notes daily
- ask questions if you are in doubt
- complete all given tasks
- study for all quizzes, tests and exams
- NO CELL PHONES!!!! If seen, they will be confiscated (School Policy).
- Be respectful and be kind

  - *Disrespectful and dishonest students will not be tolerated!!*

Classroom Policy for Missing Class:

If you are SICK or miss class for other reasons, you will need to make-up the work you miss when you return. You will need to make up your daily warm-ups for the days you are gone. You will have the same amount of days you were gone to get your missing work completed.

Example: Sick for 2 days, then you have 2 days from when you get back to turn in your missing work.

If you will be gone for an ACTIVITY/SPORT you will need to make up your work before you go. Come up to me before the day of, to get your assignments you will be missing

*****11 unaccountable absences will lead to loss of credit**

Grading:

A+ : 98% -100%

A : 93% - 97%

B+ : 90% - 92%

B : 85% - 89%

C+ : 82% - 84%

C : 77% – 81%

D : 70% - 73%

F : Below 70%

Daily Warm-Up: 10%
Classwork/Homework: 15%
Quizzes: 25%
Tests: 50%
Semester Test: 10% of Final Semester Grade

(Quarter 1 Grade: 45%, Quarter 2 Grade: 45%, Semester 1 Test 10%)

(Quarter 3 Grade: 45%, Quarter 4 Grade: 45%, Semester 2 Test 10%)

Retake Quizzes or Test- You may retake any quiz or test, you need to review and meet with me first.

You will receive a **ZERO** for each assignment or assignment you did not complete until you complete it.

Academic Dishonesty- Cheating is being dishonest. If you are caught cheating it will automatically be a zero in the gradebook until you complete it outside of school hours with me.

Declaration: *I have read the syllabus and thoroughly understand with great detail the expectations, rules, and procedures that are expected of me as a student enrolled in this course."*

Student Name:_____Signature:_____

Date: _____