

Geometry - Honors

Syllabus 2019-2020

Mrs. Evans

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Room: 111

Planning Period: 6th

School Phone: 308-324-4691

Concepts to be Covered:

Foundations for Geometry

Euclidean & Construction Tools
Coordinate & Transformation Tools

Geometric Reasoning

Inductive/Deductive Reasoning
Mathematical Proofs

Parallel & Perpendicular Lines

Lines with Transversals
Coordinate Geometry

Triangle Congruence

Triangles & Congruence
Proving Triangle Congruence

Properties & Attributes of Triangles

Segments in Triangles
Relationships in Triangles

Polygons & Quadrilaterals

Polygons & Parallelograms
Other Special Quadrilaterals

Similarity

Similarity Relationships
Applying Similarity

Right Triangles & Trigonometry

Trigonometric Ratios
Applying Trigonometric Ratios

Transformations

Congruence Transformations
Patterns

Perimeter, Circumference, Area

Developing Geometric Formulas
Applying Geometric Formulas

Spatial Reasoning

3D Figures & Volume

Circles

Lines & Arcs in Circles
Angles & Segments in Circles

Probability

Expectations:

- Be on time!
 - ◆ Students should be in the classroom and seated when the bell rings. Students who accumulate three tardies will be given a 30-minute detention, which must be served before/after school.
- Be prepared!
 - ◆ Please come to class with everything you need for class each day. You will not be permitted to leave the classroom once class starts.
- Be respectful!
 - ◆ Students should stay seated while listening and paying attention during instruction. Be respectful towards staff, peers, and yourself.

Materials Needed:

- iPad/Textbook
 - ◆ Our Textbook is online
 - ◆ Google Classroom
- 3 Notebooks/Paper
- Folder or 3 Ring Binder
- Pencil/Pen
- Set of notecards
- Calculators are preferred. We do offer some for in class use, but it is best to have your own.

Procedures:

- Beginning Class:
 - ◆ Students are expected to be in the class and seated when the bell rings. Students will immediately begin working on the sponge activity. The sponge activity will be graded once a week.
- Ending Class:
 - ◆ The students are not allowed to pack up before the bell rings. Any student that packs his/her backpack prior to the bell will lose participation points.
 - ◆ Students will be dismissed by the teacher **- not the bell**. Students are to remain in their seats as they pack up their items and sit quietly until they are dismissed.

Electronics:

- All LHS Handbook policies apply.
- iPads may only be used if given permission by a teacher.
- NO cell phones!

Attendance:

- If absent, students will be responsible for getting and completing any assignments.
 - ◆ Notes and assignments will be posted in the classroom, as well as on Google Classroom.
 - ◆ Participation points for the day can only be earned back once the student has shown me the missing notes and assignment for the day of absence.
- Students will follow the handbook for the time allotted to make up any missed work.
 - ◆ Anything after that all work will be considered late.
- If students are absent on the day of a quiz or test, they are responsible for making arrangements with the teacher for when the quiz/test can be made up.
 - ◆ *******If a student knows they will be absent due to a school-related event/doctor appointment, etc. it is their responsibility before they are absent to find out what they will be missing. It is expected that work will be completed and turned in the day following their absence.**
- Repetitive tardies will not be tolerated, a 30-minute detention will be served with the teacher after three.

Miscellaneous:

- Students that need to leave the classroom for any reason will be required to make up the time after school with the teacher.
 - ◆ If the time after school is not made up the same day, it will turn into a 30-minute detention.
 - ◆ If there is an emergency such as illness - exceptions can be made by the teacher
- Students may bring water to class. Any food brought to class needs to be picked up or the privilege will be removed.
- Bring a book to class every day. Students will not be allowed to play games or surf the Internet on their iPads once they are done with their work.
- Cheating is being dishonest. A person caught cheating will receive a zero as well as the person supplying the answer to cheat. Please see the handbook for consequences.

What if I need help?:

- Teacher
 - ◆ Email me!
 - ◆ Usually at school around 7:30 a.m.
 - ◆ After school until 3:45
 - ◆ FOCUS period
 - Not during grade check days.
- Google Classroom
 - ◆ Most assignments will be posted on there!
 - ◆ USE IT!
- Textbook
 - ◆ Your textbook has TONS of resources to help you! There are plenty of examples and videos to walk you through different types of problems
- Tutoring
 - ◆ After school tutoring in Community Room
 - ◆ Usually a Math teacher available to help

Grading:

Quarter Grades:

Participation:	15%
Homework:	10%
Module Quizzes:	25%
Unit Tests:	50%

Semester Grades:

Quarter 1:	45%	Quarter 3:	45%
Quarter 2:	45%	Quarter 4:	45%
Semester 1 Test:	10%	Semester 2 Test:	10%

Participation will be taken on a daily and weekly basis. If a student is absent, it is the student's responsibility to complete the missed participation. Every student will have the opportunity to earn 5 participation points every day for being on time and in their desks ready to learn, wearing their lanyards, participating in class, on task behavior, and not packing their bags until the bell rings.

Homework may include, but is not limited to: online practice from the lesson of the day, a project, or a review assignment. Assignments not turned in before the Module Test is given will receive no credit.

Module Tests will be given after each Module. Tests will be completed in class only. If you do not finish your test during class, you may NOT finish it before/after school. However, if you are absent, you may make up the test before/after school.

Unit Tests will be given over a group of modules.

A **Semester Test** will be given each semester. It will cover the content from only that semester. Semester tests cannot be made-up.