**Geometry SYLLABUS**

**Mr. Anderson (Mr. A)**

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**Back to School Welcome Letter**

**Hello everyone! Welcome to the 2023-2024 school year. I hope you had a great summer and are prepared to continue your greatness in class learning Geometry. The concepts that we learn will also be applied to real life situations. What I am looking forward to seeing most is EFFORT, from both students and myself. So please feel free to hold me accountable as I will do the same for you. I also want to see progress. Show me that you are growing throughout the year and I will handle the rest.**

**“If you’re afraid to fail, then you’re probably going to fail”**

**-Kobe Bryant**

| **Course & Grade Level (Full Year)** | Geometry Grade 10  Period 2, 9:07am-9:47am  Period 4, 10:31am-11:11am  Period 7, 12:36pm-1:16pm |
| --- | --- |
| **Room #** | 435 |
| **Office Hours** | By appointment only. |
| **Course Description** | An understanding of the attributes and relationships of geometric objects can be applied in diverse contexts—interpreting a schematic drawing, estimating the amount of wood needed to frame a sloping roof, rendering computer graphics, or designing a sewing pattern for the most efficient use of material. Although there are many types of geometry, school mathematics is devoted primarily to plane Euclidean geometry, studied both synthetically (without coordinates) and analytically (with coordinates). Euclidean geometry is characterized most importantly by the Parallel Postulate, that through a point not on a given line there is exactly one parallel line. (Spherical geometry, in contrast, has no parallel lines.) In this course, students begin to formalize their geometry experiences from elementary and middle school, using more precise definitions and developing careful proofs. Later in college some students develop Euclidean and other geometries carefully from a small set of axioms. |
| **Required Materials** | -Folder  -Pencil |
| **Policies & Procedures** | Students will follow all classroom guidelines in addition to the guidelines of the Student Rights and Responsibilities handbook. Confidence Leadership Effort Academic Excellence Resilience - Culture of Completion opportunities. We will do things the C.L.E.A.R. Way each and every day so we can SOAR as EAGLES! Classroom Guidelines:  Be Respectful  Be Responsible  Be on Time & Stay on Task  Contribute Positively to our Learning Environment |
| **Grading Policy** | **Category Percent of Grade**  **Summative Assessments 70%**  **Formative Assessments 30%**  **Summative Assessments** include, but are not limited to the following::  unit tests, performance based assessments, project based assessments, portfolios, essays, mid term and final examinations.  **Formative Assessments**  includes, but are not limited to the following:  Do nows, daily instructional tasks, homework, drafts of essays, quizzes, exit tickets, standards mastery performance tasks, class participation    Gradebook will be updated on Powerschool weekly/bi-weekly |
| **Late/Make Up Work Policy** | Students have the opportunity to make up late work, without penalty under the following circumstances:   * Excused absences * Student missed class due to a trip or school based activity * Student went home early, (must be documented in school sign out book) * Bereavement * Sickness/Hospitalization * Failed assessment grade despite effort * Extenuating Circumstances- (ex: black outs, natural disasters…)   Students have the opportunity to make up late work at a reduced percentage, with the following circumstances:   * Conference with student and parent, with an agreement of specific assignments to be made up * Student is invited to make up work during office hours or after-school.   Students will not have the opportunity to make up work with or without penalty under the following circumstances:   * Chronic late work submissions * Engaging in disruptive classroom behaviors * Cut class * Came to class late without a valid late pass   Late/Make Up Work will be graded and put into Powerschool, two weeks after submission. Late Assignments will be subject to the following percentage reductions:   * 1-7 days late- 20% reduction * 8-14 days late- 40% reduction * 15+ days late work will NOT be accepted   Students can make up a total of **FIVE** assignments per marking period. |
| **Attendance & Tardiness Policy** | Attendance and punctuality are necessary for successful completion of this course. In the event that you have an excused absence it is your responsibility to obtain make-up work and/or reschedule any missed assessments. |
| **Classwork & Homework Policies** | * All assignments must be turned in on time. Late assignments will be accepted under the following conditions: a) the assignment is submitted at the beginning of the next class session, immediately following the due date [10% will be deducted from the earned grade] **AND** b) the assignment has not been reviewed in class or graded/returned by the teacher. * All assignments must have work shown. * Students are required to retake assignments that fall below 70%. * Please try your best to actively participate in class (discussion, activities, group work, etc.). * Students will be expected to adhere to the following guidelines for assignments:   + Use a pencil   + Attach scratch paper with work shown if you choose not to show it on the handout   + Work should be legible and neat |
| **Course Timeline** | |
| **Assignments** | <https://docs.google.com/document/d/1TN1GFGRex3wtles8WeU7qn8LcPk-gyiSDmqa-YWKO2Y/edit#heading=h.tc1uqntfnx5o> |
| **MP #1:**  **Sept. 5 - Nov. 9** | Parallel and Perpendicular Lines and Transformations |
| **MP#2:**  **Nov. 10 - Jan. 24** | Triangles, Similarity, and Polygons |
| **MP #3:**  **Jan 29 - Apr. 12** | Right Triangles and Trigonometry and Circles |
| **MP #4:**  **Apr. 13 - June 19** | 2 and 3-D Models and Probability and Data Analysis |
| **Student Signature** |  |
| **Parent Signature** |  |

[**2023-2024 High School Guidebook**](https://drive.google.com/file/d/1D8p0Xshvdsur4-7DlArLHbRTzvsnWoWY/view?usp=sharing)

[**2023-2024 NBOE Unform Grading Policy Guidebook**](https://docs.google.com/document/d/1_T4reM2PQOfYI64arh3gnpzssrrV_UMl5EQfaRd78LM/edit?usp=sharing)