

KAHUKU HIGH & INTERMEDIATE SCHOOL

Class: Geometry

Teacher(s): Mrs. Camit, Room: P13

“Never stop learning.”

COURSE DESCRIPTION

The mathematics curriculum for Geometry is designed to build mathematical foundations, while developing critical thinking and problem-solving skills. A variety of mathematical concepts are explored in the context of large problems and projects. Topics and themes are woven together and students are encouraged to search for relationships between them. Simulations are used to provide students with the opportunity to explore careers, while using their math skills and knowledge to solve real world problems. Emphasis is placed on the problem-solving process, rather than simply on the accuracy of the answer.

STANDARDS & OBJECTIVES

The standards set by the Common Core State Standards. They are categorized as follows:

- Number and Quantity
- Modeling
- Geometry
- Statistics and Probability
- Functions
- Algebra

There are a variety of ways for a student to show proficiency in each of these standards. If a student is having trouble learning one or more of these standards, I will try my best to work the student and their parent to best support his/her learning.

GOALS

- Provide students of all ability levels with instruction and materials to develop problem-solving skills as they learn mathematics
- Guide and facilitate the class as students solve problems, explain and adjust their thinking, and learn the concepts and generalizations of math.
- Promote the idea that math is not a spectator sport by placing emphasis and interest on the processes and methods used to solve problems rather than simply on the answer.
- Help students to develop a feeling of confidence in their ability to handle all life situations involving math.
- Provide opportunities to help students develop both their logical and critical thinking skills
- Encourage students to take responsibility for their knowledge and understanding by involving them in the learning process.
- Promote a fun, rigorous and challenging curriculum that integrates the use of technology.

MAJOR ASSIGNMENTS & ASSESSMENTS

Various authentic assessment techniques will be used to determine the level at which objectives have achieved and acquired.

Assessments may include:

- Large Projects and Investigations, & Class Presentations
- Small group and whole class discussions
- Homework

Major Projects/Culminating Events may include:

- Integrated Projects
- Hawaii State Assessments & Benchmark Tracker
- Summative Assessments (End of Unit Exams)

UNITS BEING COVERED

Each unit will cover topics and concepts in a sequential order. Standards will be an integral part of each unit and students will be challenged to proficiently meet or exceed the included benchmarks. The units are:

- Foundations of Geometry
- Transformations
- Geometric Constructions
- Congruence
- Similarity
- Circles
- Geometric Measurement & Dimensions
- Conics & Coordinate Geometry
- Trigonometric Ratios

During the course, I will be showing various videos to supplement my lesson as well as inspire my students to strive to do well throughout the course. The following videos are as follows:

- Alice in Wonderland, Animation 1951
- Donald Duck in Mathmagic Land, Animation 1959
- The Blind Side, PG-13 2009
- October Sky, PG 1999
- Despicable Me, Animation PG 2010
- Stand and Deliver, PG 1988

Students have an assignment the goes along with these videos. If you feel that a video is inappropriate for your child, please let me know so that I can make arrangements for him/her to have an alternative assignment. I will inform you if plan to show a video that I have not listed.

GRADING POLICY

Grading will be done in a variety of ways depending on the particular assignment.

- **Formative Assessments:** Class work & Homework Grading: Daily assignments will be graded on a 0 to 4 point scale, 4 being “excellent”, 0 being “very poor”.

Explanation of HOMEWORK/Classwork assignment grading scale:

<u>4 Pt. Scale</u>	<u>Grade</u>	<u>Description</u>
4	A	Exceeds (Excellent)
3	B	Proficient (Good)
2	C	Approaching (Inconsistent)
1	D	Below (Limited)
0	F	Well Below (Insufficient)
mi-missing	MI	*No Work Shown/ Did not do/ Turned in blank

*see make-up work

- **Summative Assessments:** Quizzes, tests, major projects, etc. will be graded on a point scale that can range from 10 to 100+ points.

Explanation of ASSESSMENT and Final Summative Grade:

<u>Grade</u>	<u>Percentage Scale</u>	<u>Description</u>
A	100-90	Exceeds (Excellent)
B	89-80	Proficient (Good)
C	79-70	Approaching (Inconsistent)
D	69-60	Below (Limited)
F	59 or below	Well Below (Insufficient) *Unacceptable

*see make-up work

- Final Summative Grade will be derived from a WEIGHTED scale system as follows:
 - **Summative Assessments** (Unit exams, Quizzes, Projects, Presentations, etc.) → 75%
 - **Formative Assessments** (Homework, Classwork, Group Work, Extra Credit Assignments, etc.) → 25%
- Grades will be posted using the online grading system and will be updated regularly. The KHIS Online Grades System is a tool for students, teachers, and parents to communicate grades and class information. Students can view their grades, see further detail by clicking on a class, or e-mail their teachers by clicking on a teacher’s name. Parents can also view the same information.

MAKE-UP WORK POLICY

- Homework: If a student receives a D or F on their homework assignment or they are missing an assignment, they are allowed to REDO/MAKE-UP that assignment. **But the assignment must be turned in BEFORE the unit exam is given.** For example, if a student wants to make-up lesson 3-4 homework assignment, they have until the day of the chapter 3 assessment to complete it and turn it in.
- Exams: Any student is allowed to retake an exam, **but must retake the exam BEFORE the end of the quarter that is was given.** Student must come in and see me to schedule a time to retake an exam. All exams must be completed in one sitting, unless there is an accommodation or emergency. Retakes will be scheduled during action period (Tuesday or Thursday) or during lunch, according to the teacher and student’s schedule & availability.

- **Quizzes:** Quizzes are open notes and open textbook, therefore I give quizzes only once.
- **Absence:** If a student is absent, they need to be responsible to complete daily homework assignment that they have missed. Remember, they have until the end of the chapter to complete it. If a student is absent on the day of an exam/quiz, they need to be responsible to come in to make up that exam/quiz. If they fail to come in and take the exam/quiz they missed due to absence their score will remain a zero until they come in. If the excused absence was NOT made up within a week of returning, the assignment will be zero until it is made up.
- **All chapter exams must be taken/completed by the end of the quarter that it was given.** i.e. if a student did not take the Ch. 5 exam that was given in quarter 2, that student MUST come in and take that exam **before the end of quarter 2**
 - **Quarter 1:** Laying the Foundation, Transformations
 - **Quarter 2:** Geometric Constructions, Congruence
 - **Quarter 3:** Similarity, Circles, Geometric Measurement & Dimensions
 - **Quarter 4:** Conic & Coordinate Geometry, Trigonometric Ratios

HOMEWORK POLICY (*Alignment with SLC*)

Five to 15 homework problems will be given on a daily basis to ensure understanding of the day's concepts. On certain occasions, homework may require a little more time and effort if it is preparing for a project, completing a write up or a presentation, or studying for a quiz or common assessment.

If a child is absent from school for three (3) or more consecutive days, the parent/guardian may request for homework by calling Q2 (ext.250). A 24-hour notice is needed for teachers when a homework request is made. Parents may pick up the homework at Q2 after 2:30pm of the day following the request. It is recommended that parents call the office to confirm that there are assignments for your child before coming to the school.

Extra credit can never be done to replace an assignment that was not done nor had very little effort put into it. Opportunities to earn extra credit, however, will be given through a variety of activities or assignments which every student should take advantage of.

CLASSROOM EXPECTATIONS/RULES

Students are expected to **BE RESPECTFUL & BE RESPONSIBLE**, in addition to the following

- Obey all school and classroom rules.
- Bring **SUPPLIES:** REDBOOK, BINDER, paper, and pencils, dividers (5 tabs)
- Take notes on a consistent basis.
- Record all assignments in REDBOOK, which could be checked without notice.
- Do all homework.
- Be respectful, responsible, and an active, contributing participant during class.

The Following Disciplinary Actions will occur when unacceptable behavior takes place:

- First Infraction – Warning
- Second Infraction – Time out (Puuhonua) and parent notification
- Third Infraction – Referral to the office (Counselor/Administration) & above.

TEACHER/PARENT COMMUNICATION

1. REDBOOK. At the beginning of each week (Mon. or the first day of the week), I will do my best to give your student an updated overall grade. Parents/guardians should check, sign, leave comments and/or notes in the Redbook as a first means of communication to the teacher. I will gladly be leaving notes/comments, etc. when necessary and responding to your notes as well.
2. EMAIL. You can email me at keriann_camit@notes.k12.hi.us and I will reply as quickly as I can.
3. PHONE CALLS home or from parents/guardians to me at **293-2465 ext. 318**. Allow two business days for me to return your call.
4. NEWSLETTERS & BULLETINS from school. E-mail is bulletin_kahukuhi@notes.d12.us
5. CONFERENCE. My available time for a conference are M, T, TH, F preferably afterschool from 2:30 to 3:15. Please be sure to call your grade counselor and schedule a time to meet at least 3 days in advance. You will need to go through your grade counselor to set up a conference. If your parent/guardian cannot make the conference, please notify me as soon as possible and we can try to reschedule another time.

PARENT STUDENT RECEIPT/ACKNOWLEDGEMENT OF SYLLABUS

Please review this syllabus with your child and sign below. Return this page only to the teacher and keep the syllabus for reference.

Student: I have read this syllabus and understand all of the information contained in it. I agree to abide by all of the rules and expectations listed.

Student Signature _____ Date _____

Printed Name _____ **Course** _____ **Period** _____

Student e-mail to use for correspondence _____

- Student has computer access at home.
- Student has internet access at home.

Parent/Guardian: I understand all of the information contained in this syllabus and I have reviewed it with my child. My child has agreed to abide by all of the rules and expectations listed. Note: Any Accommodations/ Modifications for students will be implemented according to their IEP/MP.

Parent Signature _____ Date _____

Printed Name _____ **Daytime Phone** _____

Evening Phone _____

Parent's e-mail to use for correspondence _____

Best time/way to reach you: _____

- Parent has computer access at home.
- Parent has internet access at home.

Comments or questions: