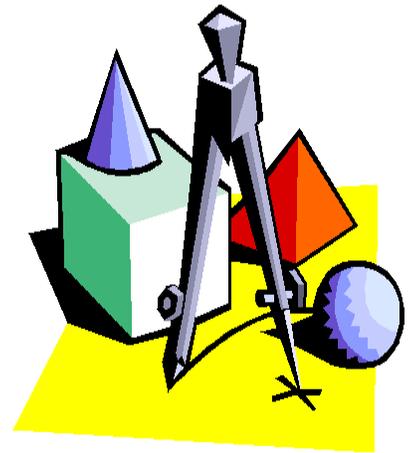


Henry Ford Academy

ACE GEOMETRY SYLLABUS



I. Course Title: ACE Geometry
Term and Year: Trimester 3, 2013

II. Teacher: Mrs. Marie Whybark
Voice Mail: 313-982-6200 ext. 2933
E-mail Address: mwhybark@hfa.spfs.k12.mi.us

III. Course Description

Geometry is the part of mathematics concerned with the size, shape, and relative position of figures and their properties in space. This course will include the study of two-dimensional and three-dimensional shapes and figures including lines, angles, circles, triangles, and polygons as well as formulas for determining area and volume.

This course will also include methods used in mathematical reasoning, logic, and the understanding and creation of proofs. In our ever-increasing technological world, a rich study of logic and mathematical proof is fundamental for reasoning and good decision making. The study of Geometry offers students the opportunity to develop skills in reasoning and formal proof. Additionally, it helps students to describe, analyze, and recognize underlying beauty in the structures that compose our world.

IV. Required Texts

Geometry: Integration, Applications, Connections

Calculators- Students many need to use the scientific calculators issued by the school for in-class work as well as homework. These calculators should be brought to class every day. Some classroom activities will include the use of a graphing calculator. These will be provided in class.

V. Materials

Students are expected to bring the following to class:

- Course Packet (provided by HFA)
- Student Planner for assignments and passes (distributed during orientation)
- TI 30 XII Calculator (assigned to students)
- Three-ring binder or spiral notebook for daily notes and practice
- Pencils with erasers

VI. Expectations

Your success in this class depends heavily on your preparation and participation. I expect all students to participate and contribute meaningfully in class. I also expect all students to be respectful of other students, teachers, and themselves. Each student is expected to help create a class environment that promotes learning, dignity, and mutual respect for others. Therefore, students are not to use any electronic devices in class unless I have granted prior permission. This includes but is not limited to cell phones (calling or texting), I-pods, MP3s, pagers, CD players, handheld devices, digital cameras, etc. Cell phones may NOT be used as calculators. Students are to bring their assigned calculators daily for use in class.

“Learn to Love – Love to Learn”

VII. Homework and Assignments

Homework is assigned for students to prepare for learning outside the classroom. Homework is a tool to help students master the content of this course. I expect all assignments to be completed on time. Homework is due during the next class period unless otherwise specified.

VIII. Attendance Policy

Attendance is important in mathematics, as in all classes, because if a student is not present in class, a great deal of material is missed that cannot be made up effectively.

- When a student is absent it is their responsibility to get their make-up work upon return. All assignments are included on the Geometry Agenda and posted in the classroom and on the class Wiki site.
- Students need to visit me during Academic Coaching to receive their make-up work and get assistance. Make-up work is generally not handled during class time.
- A folder with class notes and assignments is maintained in the classroom for students to access for missed notes or assignments.
- Students will be given the same of number of days as the number they were absent to turn in make-up assignments. For instance, if they miss one class, they will have one extra class period to turn it in. If they miss 3 classes, they will have 3 extra class periods to turn it in.
- Quizzes will be given approximately weekly. If a quiz is missed, the quiz needs to be made up within a week if the student has returned to school.
- Missed tests need to be made up as soon as possible and within two weeks. Tests and quizzes may be made up during Academic Coaching or Homework Lab. It is the student's responsibility to be available to make up tests and quizzes. If students do not make up a quiz or test, the grade will be a zero.

IX. Tardy Policy

Students are expected to be in the classroom in their seats by the time class starts. The HFA tardy policy outlined in the HFA Student Handbook will be followed in this class. Students who miss the start of class miss the opportunity to receive full credit for the bellwork.

X. Course Schedule

The weekly "Geometry Agenda" provides information about classroom activities and homework assignments. A copy is provided to each student and posted in the classroom and on the class Wiki site. Students are encouraged to use this schedule and their Daily Planner to keep track of their assignments and manage their time to promote the highest possible success in this course.

XI. Grading Computation

Grades will be updated at least weekly in Zangle and students and parents are encouraged to monitor grades using the Student and Parent Connect features available on the HFA school website: www.hfacademy.org

The marking period grade will be calculated as follows:

Classwork, Bellwork	15%
Homework	10%
Quizzes/Tests/Projects	55%
Mid-trimester Exam	10%
Final Exam	10%
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Total	100%

Grading Scale:

The Henry Ford Academy common grading matrix is used to calculate marking period and semester grades.

100 > A+	87 B+ <90	77 C+ <80	67 D+ <70	F <60
93 A <100	83 B <87	73 C <77	63 D <67	
90 A- <93	80 B- <83	70 C- <73	60 D- <63	

XII. Student Progress and Grade Reports

All grades are posted on MiStar with separate access for students and parents. Grades are updated on MiStar weekly, at the least. School-wide progress reports are sent out each trimester. There are scheduled parent-teacher conferences during the school year. Additionally, emails may be sent to the parent email address submitted on the Parent Contact Form.

XIII. Cheating

- Cheating will not be tolerated. Students who give or receive answers to tests, copy assignments, allow others to copy their work, or cheat in any other manner will receive a zero grade on the assignment, quiz, or test.
- No talking is allowed during quizzes and tests. If students talk during a quiz or test they will receive a zero score.

XIV. Availability of Instructor

I offer tutoring after school at least once per week if requested. I am also available twice per week during Academic Coaching. If a student or parent needs to speak with me individually outside of class, they are welcome to make an appointment. The best method to contact me is email. Students are encouraged to attend Homework Lab and Academic Coaching if they need extra help beyond class time.

STUDENTS & PARENTS: Not sure what to do next? Use the checklist below. ☺

- Read and Review the Course Syllabus
- Login to Mrs. Whybark's Wiki: <http://mrswhybarkhfa2011.wikispaces.com/>