

Geometry

Koudougou Room

Mr. Hilty (email: e.hilty@iso.bf)

Textbook: *Geometry*, Prentice Hall, 2007

Needs: binder (with 4 dividers), quad rule paper, notebook (for class notes), compass, protractor, ruler (with cm & inches), scientific calculator (graphing preferred), pencil, eraser, and USB key.

Goals and Objectives:

1. Learn the language of geometry.
2. Use technology and various other tools to illustrate, construct, and communicate geometry.
3. Apply geometric reasoning.

Unit Topics:

1. Tools of geometry (2 weeks)
2. Reasoning in geometry (3 weeks)
3. Parallel and perpendicular lines (4 weeks)
4. Triangles and Congruence (5 weeks)
5. Quadrilaterals (3 weeks)
6. Similarity (3 weeks)
7. Trigonometry (2 week)
8. Three dimensional geometry and measurement (3 weeks)
9. Circles (3 weeks)
10. Transformations (2 weeks)

Assessment:

Class Participation	Homework Assignments	Journaling
Quizzes & Tests	Lab Investigations	Discovery Projects

Binder: The binder should be identified as the “Geometry Binder”, your name should be visible on the binder and this page will be the cover sheet. Use the dividers to divide it into four sections: 1) Homework, 2) Tests and Quizzes, 3) GSP, and 4) Activities/Labs/Projects. The binder is 10% of the semester exam grade and will be checked periodically for organization.

Grading: At the end of each grading period the points will be totaled and the percentages calculated. Grades will be assigned as follows:

98-100%	A+	
93-97%	A	Tests & Quizzes 50%
90-92	A–	Homework & Class Participation 20%
87-89	B+	Investigations & Projects 30%
83-86%	B	
80-82%	B–	
77-79%	C+	You can check your grades online
73-76%	C	on Mr. Hilty’s web page. You will
70-72%	C–	be given a password for this option.
67-69%	D+	
63-66%	D	
60-62%	D–	
Below 60%	F	

Student Behavior:

Students are expected to respect the rights of others to learn, failing to do so will result in disciplinary action. (See ISO’s Code of Conduct.)