

# Geometry

Science Lab 1 (Sourou)

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**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:

93-100%	A	
90-92	A-	Tests & Quizzes 40%
87-89	B+	Investigations & Projects 40%
83-86%	B	Homework & Class Participation 20%
80-82%	B-	
77-79%	C+	You will be given a password to check
73-76%	C	your grades on <b>Edline</b> . Be sure to
70-72%	C-	check often throughout the school year.
67-69%	D+	
63-66%	D	
60-62%	D-	
Below 60%	F	

## Student Behavior:

Students are expected to respect the rights of other’s learning. Failing to do so will result in disciplinary action. (See ISO’s Code of Conduct.)