

**INFORMAL GEOMETRY - MS. TAN**  
**Class Overview Sheet 2009-2010**  
<http://mstan-ica.blogspot.com/>

Informal Geometry develops concepts and provides a foundation in the essentials of plane geometry, as well as a review of basic algebra. The course consists of examples and hands-on activities that will be within the grasp of any interested student. This course will fulfill ICA's graduation requirement for geometry.

*Materials Needed: TI-83/83 Plus/84 Graphing Calculator, notebook, binder or folder, paper, pencil(s)*  
*Textbook: Prentice-Hall California Geometry*

**A. Class Rules**

1. Be in your seats and ready to work when the bell rings.
2. If you have a question, please raise your hand to speak.
3. Show *respect* at all times.
4. Follow all school handbook rules.

**B. Responsibilities for Notetaking & Binders**

1. Keep notebook for notes.
2. Keep ALL homework, quizzes, and tests in a 3-ringed binder or folder.

**C. Responsibilities for Homework, Classwork**

1. Check the Blog for homework.
2. All problems are to be completely written out in pencil with **ALL** work shown.
3. Label all homework/classwork with the page number(s), problem numbers, and homework number.
4. You will be responsible for explaining at least 3 problems per quarter worth 10 pts. ea.

**D. Tests and Quizzes**

Study at a table or desk, in a quiet area where you can focus; will be posted on blog.

1. Tests – every 4-5 weeks and are cumulative.
2. Quizzes – every day (check blog for content to be quizzed on).

**E. Absences**

1. Late work will only be accepted for excused absences.
2. Two points will be deducted each day an assignment is late including Sat and Sun.

**F. Grading**

100-96	A	89-87	B+	79-77	C+	69-67	D+	59-	F
95-90	A-	86-83	B	76-73	C	66-63	D		
		82-80	B-	72-70	C-	62-60	D-		

Tests	50%
Quizzes	25%
Homework	15%
<u>Classwork &amp; Participation</u>	<u>10%</u>
	100%

1 <sup>st</sup> Quarter Grade:	+	.4 (_____)
2 <sup>nd</sup> Quarter Grade:	+	.4 (_____)
Sem. Final Exam	+	.2 (_____)
	=	<i>Sem. Grade</i>

**Informal Geometry Standards:**

1. Students will be able to identify polygons and their attributes.
2. Students will be able to identify congruence and similarity in
3. polygons and prove the same.
4. Students will understand the Pythagorean Theorem and use it and its
5. converse in proofs.
6. Students will be able to classify angles by relationships:
7. complementary angles, linear pairs, vertical angles and angles created when
8. parallel lines are cut by a transversal.
9. Students will be able to solve problems involving perimeter, area and
10. volume for figures both two dimensional and three.