



GEOMETRY

Coach Raparelli, Portable 910

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TEXT: Geometry, Pearson/Prentice Hall, \$77.47

SUGGESTED SUPPLEMENTAL MATERIALS:

- **Pencils**, 3-Ring Binder or other folder and Loose Leaf Paper
- **Graph Paper**
- **Scientific Calculator** (only 4-function calculators will be provided)

COURSE CONTENT: Geometry is a course designed to develop the geometric knowledge that can be used to solve a variety of real-world and mathematical problems. The content will include geometric constructions; terminology and fundamental properties of geometry; deductive and inductive reasoning and their application to formal and informal proofs; formulas pertaining to the measurement of plane and solid figures; coordinate geometry and transformations on the coordinate plane; exploration of geometric relationships such as parallelism, perpendicularity, congruence, and similarity; properties of circles; and right triangle trigonometry.

CLASSROOM EXPECTATIONS/RULES:

- ID badges must be in your possession at all times, school policy. A school ID is required to borrow a calculator, pencil, etc.
- Please no food, candy, gum or drinks other than bottled water.
- Only one person speaks at a time, while everyone else listens.
- You will be expected to stay focused and on task.
- You will be expected to take an active part in the learning process.
- **Phones & iPods are not allowed out in class.**
- **No talking and remain in seats during Announcements.**

CONSEQUENCES: When a rule is not followed, students know the following is the general progression of consequences:

- 10 Point Deductions from Participation Grade
- Student/Teacher conference
- Parent phone call & detention
- Referral to Administration

PASSES: Passes will not be handed out the first or last 10 minutes of class or during the warm-up and lesson. If time allows, you may have a pass during class work.

GRADING POLICY (All work must be done in pencil):

- Exams: 70%
- Classwork/Homework: 15%
- Class Participation: 15%

Exams: Exam will include both multiple choice and written questions.

Classwork/Homework: Given everyday, with few exceptions. Show all steps of your work. No credit is given for a list of answers. Graded based on completion. Classwork includes warm up, homework quiz, and class work problems. Class work is due at the end of each class, no exceptions. Homework is due at the beginning of the next class and it is your responsibility to ask questions and check your work when discussed. Late homework is accepted up until the Chapter Exam with a point deduction.

Class Participation Grade:

Each chapter will have a 100-point participation grade associated with it. Students will lose 10 points per incident on the participation grade for; unexcused tardies, disrupting lecture, sleeping, being off task, talking out of turn, not putting away books and other materials, or any other action not appropriate for a learning environment. Students: follow class/school rules and apply yourself during class and you will receive a 100% participation grade on every chapter. Parents: if your child receives anything lower than 100% for participation on any chapter, please ask them why.

Extra Credit: Extra Credit can be earned by completing the "Concept Bytes" in the textbook. The most value is earned by completing the activities requiring geometry software using Geogebra. Geogebra is a free program that can be downloaded at: <http://www.geogebra.org/cms/>
You must take the time to learn the program on your own, but I can answer specific questions.

<u>GRADING SCALE:</u>	90 - 100	A
	87 - 89	B+
	80 - 86	B
	77 - 79	C+
	70 - 76	C
	67 - 69	D+
	60 - 66	D
	0 - 59	F

PINNACLE:

Grades are available on Pinnacle for students and parents to view. You can also set up automatic emails with grade summaries on a weekly basis. For more information, visit:
<http://www.monarchknights.com/pinnacle.html>

STUDENT NAME (PRINT): _____

STUDENT SIGNATURE: _____

PARENT SIGNATURE: _____