

GEOMETRY--Mr. Schumann

Lincoln Southwest High School

Room B-108

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Text:

Geometry (Holt McDougal)

Classroom Procedures

Arrival: 1. Go to your assigned seat and begin working on warm-up problems.

Departure: 1. Stay involved in closure activity (review, Q & A, work time, etc.)
2. Return to your assigned seat until Mr. Schumann dismisses you.

Grading:

You will be graded on a variety of items including Tests, Quizzes, Homework, Class Participation, and Projects. Quizzes and Tests will be announced in advance, and we will have a very important Final Exam at the end of the term. Your best preparation is to **stay involved** in class, **take notes**, and **complete the daily homework assignments**.

Chapter Tests / Project / Final Exam	80%
Homework / Classwork / Quizzes / Reviews	20%

I am VERY big believer of **class participation**. I expect everyone to come to class prepared to think and be involved in learning MATH. A student who participates in class does these things: makes an effort to answer questions, contributes to small & large group discussions, takes detailed notes, has a positive attitude, **respects** others, and works to achieve goals set for themselves.

Keep your Math Notebook organized and keep **all** homework, notes, & quizzes to study for tests and the final exam.

Grading Scale:

100	-	90	A
89	-	85	B+
84	-	80	B
79	-	75	C+
74	-	70	C
69	-	65	D+
64	-	60	D
59 or less			

Assignments:

Homework will be assigned for each section and turned in daily with a **homework quiz**. I want you to use the back of the book to check the answers to the **selected** questions. This immediately tells you if you are understanding the material. I expect you to stay on top of your homework assignments. Take **PRIDE** in your work and you will feel a sense of **accomplishment**.

- Assignments will be posted on my web site as well as on the assignment sheet that you will be given at the beginning of each chapter.
- Good students complete all assignments **before** the Chapter Test.
- The LSW Math Department Cheating Policy will be strongly enforced. You have one warning if I *assume* you are cheating. Any time after that, you will have a re-test or a zero at my discretion.
- Let me know ahead of time when you will miss class so I can give you the assignments.

Supplies:

You should bring the following materials with you to class every day:

- $1\frac{1}{2}$ " Three-ring binder or a **non-spiral** Notebook with lined or graph paper
- White, college-ruled binder paper
- Textbook
- Student Handbook
- Pencil*
- Calculator--I recommend, but do not require buying a "TI-84 Plus Silver Edition CE" for future MATH courses at LSW. Otherwise, a TI-34 or TI-30X calculator will be provided for you. You will be rewarded by Mr. Schumann if you bring your Proof of Purchase from the TI-83/TI-84 calculator you buy for yourself.

*I recommend, but do **not** require you to have these supplies. These items can be purchased at any office store. See me if you cannot purchase them.

Make-up Work:

For regular assignments, you have as many days to make up the work as you have been "excused" from your absence. I will be lenient with you as long as you communicate with me and work to catch-up.

Remember, I will not pursue you about missed work; you must check the assignment sheet in class, check my web site, or call one of your classmates.

Make-up tests or quizzes can be made up in the Math Test Room (Room B111); or in my room at a scheduled time.

Math Test Room Hours:

Monday	Tuesday	Wednesday	Thursday	Friday
CLOSED	7-8	7-8	7-8	7-8
3:15-4:15	2:15-3:15	3:15-4:15	3:15-4:15	CLOSED

You are **responsible** for making up all work, so plan ahead for athletic contests, school-sponsored events, vocal/music concerts, etc.

Test Re-takes

Each chapter test will include 2 or 3 “BIG IDEAS” from that chapter and one BIG IDEA from the previous chapter (which acts as a retest). If you do better on the BIG IDEA that is being retested, then that score will replace your previous score from the preceding chapter. In addition, there will be **Cumulative Tests** which will count for a grade, but also may replace the score of any BIG IDEA that was tested earlier.

*It is important that you study and prepare accordingly for each chapter test and that you come in to get help on old tests if you are having trouble understanding.

- You must finish your test **in one-sitting** unless specifications have been made.
- Old Tests **must be completed before** the next test.

Course Overview:

Geometry is the second course in the traditional college preparatory sequence.
BIG IDEAS include:

Chapter 1	Use Segment Postulates and Formulas Understand Angles and Polygons
Chapter 2	Apply Inductive and Deductive Reasoning Understand Geometric Relationships and Writing Proofs
Chapter 3	Identify and Use Lines and Angles Write Proofs for Parallel and Perpendicular Lines
Chapter 9	Perform Congruence Transformations Perform Similarity Transformations
Chapter 4	Measures of Triangles and Transformations of Polygons Prove and Use Triangle Congruence
Chapter 6	Use Similarity and Write Proofs Use Ratios and Proportions and Perform Dilations

End of Term

Chapter 5	Identify and Use Special Segments in Triangles Use Triangle Inequalities
Chapter 7	Special Right Triangle Properties Solve Right Triangles
Chapter 8	Use Angle Relationships in Polygons Use Properties of Quadrilaterals and Parallelograms
Chapter 10	Lines and Arcs in Circles Angles and Segments in Circles
Chapter 11	Compare and use Measures for Parts of Circles, Whole Circles, and Polygons Explore Three-Dimensional Figures, Volume, Surface Area

End of Term

Throughout this course, you will see how Geometry applies in the **real** world.

Rules:

•**Be Respectful.** DO NOT TALK WHILE I'M TALKING...unless you are helping someone with MATH. Be respectful, kind, and courteous to everyone and everything. RAISE YOUR HAND if you have something you say and I will call on you. I will not tolerate profane language or name-calling in my class. Use "PG" rated language.

•**Help Your Neighbor.** Never pass up an opportunity to ask your teammate for help or to teach someone else. Teaching helps you master the material.

•**Be Punctual.** Come to class on time and be ready to work when the bell rings. You are tardy if I am in the door before you are. I want you to be in my class everyday to enjoy learning MATH. I try and make it as fun and interesting as possible. NO LEAVING CLASS DURING THE FIRST AND LAST 10 min. OF THE PERIOD!

•**Be Prepared.** Bring your supplies to class everyday. Do not bring pop or food. Bottled water and "Liquid Silver" is allowed. No CELL PHONES or iPOD's.

•**"Don't give up, don't EVER give up!" -Jimmy Valvano**

You will get out what you put into it. Math takes repetition and practice to understand, it won't happen overnight. I will do my best to make class fun and include a variety of activities, but you have to meet me half way. Don't give up on me, because I will never give up on you! If you stay positive, keep involving yourself in class, and attempting the homework.. you *will* be **successful** in my class.

*Remember: "Quit" is a 4-letter word and it is forbidden in my class.

"It's not that I'm so smart, it just that I stick with problems longer."

-Albert Einstein

Discipline Policy for Rule Violation:

- 1st Offense: Verbal Warning
- 2nd Offense: Teacher/student conference & "My Action Plan" sheet
- 3rd Offense: Phone call home
- 4th Offense: Referral to Office

LSW Math Department Tardy Policy:

See LSW Math Department Parent/Guardian handout.

Please return to Mr. Schumann by Friday.

I have read and I understand the guidelines and procedures for Mr. Schumann's Math class.

Student's name: _____ Block: _____

Student's signature: _____

Parent/Guardian's signature: _____

Thank you! I look forward to working with you this term!