

# Pre Calculus--Mr. Schumann

Lincoln Southwest High School

Room B-108

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## Text:

Algebra and Trigonometry (Sullivan)

## 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...no lining up at the door.

## 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. **Assignments will not be accepted after the chapter test is taken.**
- **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\*
- White, college-ruled binder paper **or** a **non-spiral** Notebook
- Textbook
- Student Handbook
- Pencil\*
- Calculator--I recommend, but do not require buying a **"TI-84 Plus CE Silver Edition"** for future MATH courses at LSW. Otherwise, a TI-83 graphing 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 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	7:15-8	7:15-8	7:15-8	7:15-8
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.

**Course Overview:**

Pre Calculus is the fourth course in the traditional college preparatory sequence.  
BIG IDEAS include:

<b>Chapter 7</b>	<b>Trigonometric Functions Graphs of Trigonometric Functions</b>
<b>Chapter 8</b>	<b>Analytic Trigonometry Simplify Trigonometric Expressions Inverse Trigonometric Functions Solve Trigonometric Equation</b>
<b>Chapter 9</b>	<b>Applications of Trigonometric Functions</b>
<b>Chapter 10</b>	<b>Vectors Polar Coordinates</b>

<b>Chapter 3</b>	<b>Functions and Their Graphs</b>
<b>Chapter 4</b>	<b>Quadratics/Application</b>
<b>Chapter 5</b>	<b>Polynomial Functions Rational Functions</b>
<b>Chapter 6</b>	<b>Relationships Between Functions Exponential and Logarithmic Functions Applications</b>
<b>Chapter 11</b>	<b>Analytic Geometry Sequences</b>

Throughout this course, you will see how Pre Calculus 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: Detention before school, after school, or during lunch
- 5th 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!*