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.

<table>
<thead>
<tr>
<th>Chapter Tests / Project / Final Exam</th>
<th>80%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework / Classwork / Quizzes / Reviews</td>
<td>20%</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Score Range</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 - 90</td>
<td>A</td>
</tr>
<tr>
<td>89 - 85</td>
<td>B+</td>
</tr>
<tr>
<td>84 - 80</td>
<td>B</td>
</tr>
<tr>
<td>79 - 75</td>
<td>C+</td>
</tr>
<tr>
<td>74 - 70</td>
<td>C</td>
</tr>
<tr>
<td>69 - 65</td>
<td>D+</td>
</tr>
<tr>
<td>64 - 60</td>
<td>D</td>
</tr>
<tr>
<td>59 or less</td>
<td></td>
</tr>
</tbody>
</table>
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:

• 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:

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLOSED</td>
<td>7-8</td>
<td>7-8</td>
<td>7-8</td>
<td>7-8</td>
</tr>
</tbody>
</table>

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!