

Instructor: Sue Wilson

Office Hours: 2:35 – 3:15 PM daily or by appt.

Website: <https://sites.google.com/laschools.net/suewilson/home>

Click [planbook](#) link or use GEOMETRY HW Calendar link for **HOMEWORK!**

Course: **Geometry 2019 - 2020**

Room: A220

Phone: 505-663-2551 (school)

Email: p.wilson@laschools.net

Where can I find “it”?

Note: Homework (HW) assignments are posted in planbook and on HW calendar; the online version of HW calendar is the most up to date.

<i>In classroom:</i> Geom. drawer (by door):	<i>Teacher page/website</i> (see link above):	<i>Planbook</i> Click planbook link	<i>Google Classroom</i> 3A Classroom code: dp94rj 3B Classroom code: rddz90	<i>PowerSchool:</i>	<i>Other</i>
<ul style="list-style-type: none">● HW Calendar: HW>Month folder● Blank notes and worksheets (class work) by Chapter / Section #● Pacing Guide (semester plan) is in front folder.	<ul style="list-style-type: none">● Teacher Homepage has links to planbook & most up to date Geometry HW Calendar (electronic) by month (click Month bottom of page).● Geometry PAGE (drop down link, top right hand corner) has electronic copies of the Syllabus, Pacing Guide, and Homework Calendar	Contains daily lesson material (plans, goals, checks, and homework assignments). <hr/> <u>Geometry class buddy:</u> NAME: PHONE: EMAIL:	<ul style="list-style-type: none">● Blank/ teacher notes and online links (Syllabus, Pacing Guide, Homework Calendar) are posted in Google Classroom.● Students join using the classroom code.● Students can invite their parents. Parents only see a subset of shared information.	<ul style="list-style-type: none">● When applicable grades are posted weekly.● Link is on teachers homepage	<ul style="list-style-type: none">● Students are given monthly HW calendars in bright colors.● Students are encouraged to take daily notes and complete lesson checks / exit tickets (pop quiz).. <p><i>When is this teacher available for extra help?</i></p> <ul style="list-style-type: none">● Except during scheduled meetings teacher is available during Academic Time, and by appointment.● Please check teachers classroom door for list of scheduled meetings. <p>See Recommended steps to relearn concepts missed in class for a list of “HELP” recommendations.</p>
<p><i>Where can I find this course syllabus?</i></p> <ul style="list-style-type: none">● This syllabus is found on the Geometry teacher page and in Google Classroom.● Students will also be given a paper copy in class. Extra copies are available in the classroom.	<p><i>What is the policy about turning in late or missing work?</i></p> <ul style="list-style-type: none">● Classwork, including lesson checks are due in class on the assigned day. Additional practice, optional homework (HW), is due on the next class day (teacher stamp = 5 points). Parents or teacher can require HW; communication (email) required.<ul style="list-style-type: none">○ Chapter reviews and test fixes (if test grade less than 90%) are the only REQUIRED HW (points vary).○ Please note that, if a student chooses not to complete the extra practice HW then a larger percentage of the students grade will be dependent on classwork, quizzes, and tests.● Late work is not accepted unless:<ul style="list-style-type: none">○ Student was absent (excused); then work is due the number of absent days after student returns. Student is responsible for turning in late HW and getting lesson check, exit ticket handouts from Google Classroom or Mrs. Wilson, verifying their accuracy, and getting STAMP SHEET signed during Academic Time (AT) .○ Work is turned in at Saturday School BEFORE associated TEST (50% of points). <p><i>Note: Classwork and homework are designed to prepare students for quizzes and tests so work done after test will not help them achieve their best.</i></p>				

Geometry Textbook: Geometry (Common Core): Prentice Hall School Division (2012). **Web access:** (1) Access your Internet browser - Enter the URL (site address) -- <http://www.pearsonsuccessnet.com> (2) Then, use the following information to get started in Mrs. Wilson's Geometry classroom (**case sensitive**): Your student's user name: <STUDENT ID #> (Note: This may change); Your student's password will be shared in class. **Replacement cost of book is ~\$83.97.**

Geometry Course Description and Considerations: This course is a study of Euclidean geometry. Topics discussed include dimensional objects (lines, planes, polygons, circles, and polyhedrons), angular measurement, congruency, similarity, deductive and inductive reasoning, formal proofs, relational computations (perimeter, area, and volume), right triangle trigonometry, and practical applications. Algebraic concepts and techniques are integrated and emphasized throughout the course to aid in the understanding of geometric concepts and applications, and to reinforce proficiency in algebraic skills. This course is aligned to the NM Standards and Benchmarks and the 2010 Common Core State Standards for Geometry.

List of Supplies and Materials: A three ring binder with section dividers or composition book and paper for HW / quizzes.

Pencil with eraser.

Compass and Protractor.

One headset or ear bud to listen to online math demonstrations.

A calculator, a TI-83/84 Plus Calculator is preferred. The school's equipment is entirely Texas Instruments.

- TI-89 and TI-92 calculators are not allowed. **You cannot use a cell phone as a calculator.**
- The book repository has calculators that can be checked out. Check out sheets are available in class.

Course Outline (see Geometry Pacing Guide S1 for estimated lesson plan dates); note that only students logged into their LAHS Google account have access to shared documents):

Semester 1	Semester 2
<ul style="list-style-type: none"> • Chapter 1: Tools of Geometry • Chapter 2: Reasoning and Proof • Chapter 3: Parallel and Perpendicular Lines • Chapter 4: Congruent Triangles • Chapter 5: Relationships Within Triangles • Chapter 6: Polygons and Quadrilaterals 	<ul style="list-style-type: none"> • Chapter 7: Similarity • Chapter 8: Right Triangles and Trigonometry • Chapter 9: Transformations • Chapter 10: Area • Chapter 11: Surface Area and Volume • Chapter 12: Circles • Chapter 13: Probability

Course Goals (standards in parenthesis)

1. **Communication using mathematics:** Students will use proper mathematical notation and terminology to communicate about geometric relationships.
 2. **Solve various types of equations:** Students will solve a variety of equations related to perimeter, area, volume, proportions, percentages, angle measurements, midpoint, and distance.
 3. **Visualize, analyze, prove, and build geometric representations:** Students will visualize, analyze, transform, and prove geometric theorems and make geometric constructions.
 4. **Use graphing methods:** Students will use coordinates to prove simple geometric theorems algebraically.
 5. **Modeling and solving applied problems:** Students will use geometric concepts to model real-world problems.
- Click [Geometry Objectives](#) for an electronic copy list of course goals with reference standards (LAPS account required) .
 - A copy of a [Geometry Standards](#) document is posted in Google Classroom; it contains a complete list of the standards associated with this course (LAPS account required).

Grades are weighted; each grading category is weighted as follows:

Category	Weighting	
Classwork	12%	Q1/Q2 and Q3/Q4 comprise 90% of each semester grade
Homework	12%	
Quizzes	26%	
Chapter / Unit Tests, Course Projects	50%	
Final Exam		10% of semester grade

Grading Policy:

Grades are calculated as a ***weighted-percentage*** of the total possible points earned from each of the following categories:

- **Classwork:** Classwork that is not collected in class is recorded on chapter/section stamp sheets. Student maintains the only copy of their stamp sheet. Classwork includes warm ups, lesson checks, and EXIT TICKETS (pop quizzes). Classwork is due on the day that it is assigned, students who need additional time should complete classwork during Academic Time (AT) before associated chapter test. If a student is absent (excused); then classwork is due the number of absent days after student returns. Student is responsible for getting warmup information and lesson check handouts from Geometry class drawer, planBook, or Google Classroom, verifying their accuracy, and getting STAMP SHEET signed during Academic Time (AT) .
- **Homework (HW):** HW is optional unless either teacher or parents communicate the need to require it. HW will be assigned from selected sections of each chapter using the textbook, MathXL, or supplemental material. **Chapter reviews and test fixes (if test grade less than 90%) are the only required HW (due dates posted in Google Classroom).**
 - HW is due the next class day; please be ready to ask/answer HW questions. HW is worth 5 completeness points; work is recorded and stamped or signed by the teacher. **Points are awarded as follows:** 1-5 points for completeness.
- **Quizzes:** One to three quizzes will be given per chapter. The purpose of these assessments is formative; i.e., to determine whether remediation is needed and to provide the student with methods to help prepare for chapter tests. Exit ticket (pop quizzes) will also be given.. Students can get ½ points missed back by doing “Quiz Fixes”:
 - **Students can correct quizzes.** Students may correct a quiz for credit only BEFORE the next associated chapter test. To correct a quiz, the student must show all work to fix the missed problem, and write a sentence explaining how he/she made this error or how it will be avoided in the future. Once the student makes the corrections they should check their work using the grading station at the back of the room; if even 1 question is inaccurate the work will be returned without awarding any points. **Students will receive 50% credit back if all fixes are accurately completed prior to the associated chapter test.**
- **Chapter Tests & Course Projects:** A chapter test will be given for each chapter or pair of chapters. The purpose of these assessments is summative; i.e., to provide an opportunity for the student to demonstrate what he/she has learned. If possible, at least one project will be done each semester; it is worth a test grade.
 - **Students can retake 1 test per semester.** The student must meet with the instructor during Academic Time to schedule a time to retake the test or attend Saturday School after asking the teacher to deliver the test to Saturday School. **Teacher will replace test grade with retest grade, even if retake is lower so students need to prepare for retakes. Teacher will require study plan work BEFORE student is given the opportunity to retest; study plan work must be mastered (~ 100%).**
- **Final Exam:** A final exam will be given at the end of each semester. The purpose of this exam is to provide the student with a cumulative standards based assessment of all the material taught during the semester. **Students Final Exam grade can replace a students lowest Test grade.**

Extra Credit possibilities include, but are not limited to, the following: (1) Class notes in a clearly labeled and put in order, collected during, and only during tests, can earn up to 3 extra credit points per chapter if a majority (at least 85%) of warm ups and notes are completed and clearly organized. Each days notes **MUST** start at the top right side of a page with students name on front; **notes MUST be clearly labeled with chapter #, section #, section name, and date**. Turn in notes on the day before the test if you know that you are going to miss a test. (2) 10 stapled coupons can be turned in for 2 extra credit points (test weighted) if top coupon has students name and date on coupon.

How to earn coupons: Coupons can also be awarded when students present solutions on board. NOTE: When a student earns 10 coupons they can use them for extra credit or they can use them as follows: a 1 day delay of HW without losing points, a late pass, etc.

Classroom Expectations

- **Be civil (respectfully positive)** to everyone in the room and respect the property in the room. *Being civil means ...*
 - **Being in Class!** Attendance is very important; we will be doing new things every day. *Being seated and ready to work* before class begins.
 - **Being Prepared:** All students will need to bring a three-ring notebook, paper, pencil, book, and calculator every day. As needed ... **complete extra practice homework and required chapter review and test fixes** before the due dates.
 - **Not cheating.** Cheating will not be tolerated and will result in a zero for the assignment, test, or quiz.
 - **No unexcused Absences:** For any unexcused absence, you will receive a zero for the day's test, quiz, or activity.
- **Follow TFA / LAHS expectations:** (1) Do not leave class in 1st or last 10 minutes of the period. (2) Cell phones and airpods must be turned off and stowed away in backpacks. When permitted, use ear buds and Chromebook to listen to music. (3) Use bathroom sign out sheet (one at a time). Phones not allowed to go with you to the bathroom. (4) Eat food before school, during passing periods, and lunch. (5) Water only in classrooms. (6) **Treat each other with kindness.**
 - **PARENTS:** Please do not expect text or phone replies during scheduled class time. **When possible, technology breaks will be provided at the end of class.**

Extra Help: Students in need of extra help should contact the instructor as soon as possible. Academic Time is scheduled (unless otherwise posted) from 2:40 to 3:10 pm. There is an Academic Support Center (ASC) in room E108; it is open daily from 7:30 – 3:15. Saturday School is scheduled between 8 and 12 on designated Saturdays. See Saturday School Web page at <https://sites.google.com/laschools.net/tfalahssaturdayschool/home>. If a student is not able to meet during any of these times, then please make an appointment with the instructor.

How to Help Your Student Succeed

1. Make sure that your student is reviewing and doing extra practice homework as needed. Assignments are given at every class meeting. Check for completeness. Mrs. Wilson usually allocates at least forty five minutes per class period for students to do classwork, complete lesson checks, Exit Tickets (pop quizzes), Exit Ticket and QUIZ fixes, and complete needed extra practice homework.
2. Encourage your student to read the textbook, make notes as necessary, and study the examples presented in each section.
3. Encourage your student to ask questions in class and during Academic Time. "I don't understand this!" is NOT a question. "Can you help me see where I made a mistake in working problem #3?" is something I can use to help students. .
4. If your student is having difficulty, encourage him/her to work through similar problems in available online resources (Pearson Successnet, Khan Academy, ...; see [Recommended steps to relearn concepts missed in class](#); some access requires that you are logged into your LAHS Google Account. Students can also go to the ASC (E108), attend Academic Time, or schedule an appointment with the instructor.
5. Help your student to form a study group with other serious students. Study groups may use my room or the library during Academic Time.
6. Help your student to organize his/her work and time (prioritize tasks).
7. Encourage your student to persevere in spite of challenges. This might be the first course in which your child really has to struggle to succeed. Remember that it is better for them to learn how to struggle now than when they are older.
8. Please contact Mrs. Wilson right away with any concerns that you may have about your child's performance.

I will work very hard to help all students master the concepts of this course. Student success will depend on many factors including, but not limited to, previous math knowledge, personal motivation, and support at home/school. Working together, we can help your student have the best possible learning experience.

NOTE: Please see online version of Syllabus for access to referenced links; go to teachers webpage and select course name from the upper right hand corner drop-down. Each course page has an electronic link to its course syllabus.

Please read this syllabus. Then complete this section, tear it away from the syllabus, and return it to Mrs. Wilson this is one of your first HW grades.

I understand that:

1. I must attend class as scheduled and follow all TFA/ LAHS policies (see Student Handbook).
2. I can pick up copies of BLANK notes and classwork in the Geometry drawer by the front door of the classroom. Electronic copies of classwork are posted in planBook or Google Classroom.. Electronic copies of blank and teacher notes are posted in Google Classroom (**classroom codes: dp94rj**)
3. I must complete work by the posted deadlines. It is my responsibility to get and complete all work when I am absent; work must be completed within an equal number of absent days after I return to class. Classwork downloadables are available in classroom, planbook, & Classroom; blank and teacher notes are posted in Google Classroom.
 - a. Optional practice work [Homework (HW)] information is kept in my teacher's planBook and on a HW calendar posted on my teacher's web site home page under "Geometry": <https://sites.google.com/laschools.net/suewilson/home>. HW is due for an effort/completeness check the next class period; students should be prepared to ask questions. HW not turned in is *Excused*; late work is not accepted unless there is an excused absense.
 - b. I must keep a spiral notebook or binder section for mathematics notes and HW that includes a clearly labeled header (name, date, seat #) on the top right of page, assignment description on top center; all work must be neatly shown.
4. I must meet written quiz/test dates. It is my responsibility to schedule a time to take the quiz/test on the day that I return to school. I understand the grade weighting, quiz fix and test retake policies:
 - a. **Grades are weighted**; homework is worth 12%, classwork is worth 12%, quizzes are worth 26%, tests & projects are worth 50% per quarter. The semester final exam is worth 10% of the semester grade; each quarter grade is worth 42.5%. The semester final exam grade can replace my lowest test score grade.
 - b. **I can fix missed quiz problems, make sure my fixes are accurate (using grading station), and then turn them in BEFORE the next chapter test.** I will receive ½ missed point(s) for each correct "fix" if and only if **all** of the fixes are accurate (check answers at grading station).. **I will not be awarded any points if any of my fixes are not accurate.**
 - c. **I can retake 1 test per semester if and only if I fix problems missed on the original test (required HW assignment) and make sure ALL of my fixes are accurate by checking with the teacher during AT. I must also complete an assigned study plan BEFORE the test retake.** I will ONLY be allowed to retake a test if my associated study plan material is mastered. **My test retake grade will become my new test grade, even if it is lower than the original test grade.**
5. I am responsible for doing everything within my power to master the course goals:
 - a. Work on mathematics while I am in class.
 - b. Ask my instructor and tutors for help when I need it.
 - c. Do additional work to learn the concepts outside of class time. This includes practice work (HW), Khan Academy work, and assigned study plan work.
6. If I want extra credit on a test then I must keep mathematics notes that include classroom warm up exercises, notes, example/test problems clearly labeled with chapter number, problem number, and/or date information. **Notes, put in order, will be collected and awarded extra credit points during chapter tests.**

I also understand that:

1. It is possible to fail the course if I do not meet the [course objectives \(goals\)](#) and associated [standards](#)..
 2. I will most likely need to spend **1+ hours (minimum) per week outside of class (less than 30 minutes per day)** doing math in order to be successful. This time minimum assumes that I am working during time allocated in class for homework; more time will be needed if class time is not used wisely.
 3. Cell phones need to be kept in my backpack and stored on the counter during class.
 4. All electronics, and unless permitted, calculators must be turned off and put away during testing.
- I will read the **Course Syllabus/Policies**. I have read this **Acknowledgement Form**. I understand the policies for this course.

Student Name: (Print) _____ (Sign) _____ Date: _____

Parent/Guardian Name: _____ (Print) _____ (Sign) _____ Date: _____

PARENT(S) - Please let me know the best way that I can contact you and provide the needed information: