Geometry Syllabus

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| InstructorSheri WoodallPhone(940)202-2536 EmailSheri.woodall@tiogaisd.netRoomA209Conference 2:41-3:27pmTutoringMon & Fri mornings7:30am-8:00amThursday afternoons3:30pm – 4:00pm | Course OverviewTopics covered include the language of geometry (points, lines, planes and angles), reasoning and proofs, parallel and perpendicular lines, congruent triangles, applications of congruent triangles, quadrilaterals, similarity, right triangles and trigonometry, circles, polygons and area, surface area and volume, coordinate geometry, and transformations.Course Objectives:Students will acquire and demonstrate knowledge of concepts, definitions, properties, and applications of the topics listed above as well as develop the computational skills and strategies needed to solve problems. Students will develop critical thinking and decision making skills by connecting concepts to practical applications.Class Supplies* 1 ½ in binder
* Pencils!!! ;)… Pencils will be for sale: $.25/regular pencil & $.50/mechanical pencil. Proceeds go to the TMSCA teams.
* Filler paper (college ruled preferred)
* 1- 4 pack of triple ‘A’ batteries
* Kleenex
* \*not required but much appreciated; color copy paper (not dark colors) pastel or neon would be great!

ResourcesWe will use the text book some but mainly teacher-made notes and worksheets.* Textbook: TEKS Texas Geometry, McGraw Hill Education
* CanFigureIt – online pilot program (possibly)

Class Rules * Arrive on time.
* Raise your hand before speaking.
* Listen to others and participate in cla**ss** discussions.
* Stay on task.
* Do your assignments.
* Bring materials and have them ready.
* Listen to/Read/Follow directions.

In other words, act right & use your manners…* \*District Policies always apply.
* Consequences: 1st offense = warning. We shouldn’t have any trouble afterwards… Further consequences depends on the situation and could result in parent contact or office referral.
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# Course Outline TEKS RESOURCE LINK: [www.teksresourcesystem.net](http://www.teksresourcesystem.net)

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| Semester 1 Units | Subject | TEKS |
| 1 | Geometry Basics | 2AB, 4ABC, 5BC |
| 2 | Transformations  | 2ABC, 3ABCD, 4D  |
| 3 | Parallel & Perpendicular Lines | 2BC, 4A, 5ABC, 6A |
| 4 | Congruent Triangles | 2B, 5ABC, 6BCD |
| 5 | Relationships in Triangles | 5ACD, 6AD |
| 6 | Similar Triangles | 6D, 7AB, 8A, 10B |
| 7 | Right Triangles & Trigonometry  | 5BC, 6D, 7A, 8B, 9AB |

# Semester 2 Units

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| --- | --- |
| 8 | Circles 2B, 5A, 12ADE |
| 9 | Volume & Surface Area 2B, 4D, 5A,6E, 10AB, 11ABCD, 12BC |
| 10 | Probability & Measurement 13ABCDE |
| 11 | Engineering Design 2C, 3A, 5C, 6DE, 7A, 9AB, 10B, 11BCD |
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**Homework Policy**

Homework will be due the 2nd day after assigned. My reasons are as follows: 1) this allows students to try their independent work on the first day and use the next day to ask questions before or after class; 2) it is a buffer for student extracurricular activities, 3) less excuse for late papers. Caution: don’t let assignments pile up!

Late Papers: we don’t want any! But if it happens, 1 day = -10 points, 2 days = -20 points, 3 days = -30 points. All unit assignments must be turned in before the Unit Test. If an assignment is turned in more than 3 days late but before the Unit Test, the highest possible grade is a 55. After the Unit Test, it is a zero.

# Make-up Work Policy

A student will have the number of days absent (excused) plus one to turn in make-up work.

# Grading Policy

Tests/Projects = 60%

Daily, Homework, & Quizzes = 40%

For ease of school/home communications, please fill out the info needed below, sign, and return it to school as soon as possible. E-mail communications work best for me, but please indicate your preferred mode of communication.

I’m looking forward to a great school year,

Sheri Woodall

(Just return this portion to Mrs. Woodall’s math class… keep the upper portion for your use… Thanks)

Student name:

Parent/Guardian names:

Parent/Guardian e-mail address:

Day time phone numbers:

Will you be using Parent Portal?

Any other info you would like to share:

Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_