Tellico Plains High School

Geometry Course Outline

2016-2017 School Year

Instructor: Mrs. Donna Lynn

Graduate of Tellico Plains High School ----------------------1987

Associate of Arts Degree, Hiwassee College ----------------1989

Bachelor of Science, Tennessee Wesleyan College --------1991

Master of Science in Curriculum and Instruction,

University of Tennessee in Knoxville -------------1997

Educational Specialist Degree,

Lincoln Memorial University -----------------------1998

Certified in Mathematics since - ---------------------------1991

Teacher at Tellico Plains High School since -----------------1991

Chairperson of the mathematics department at

Tellico Plains High School since -------------------1993

Office: Room 12 at Tellico Plains High School

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Office Hours and Phone: Thirty minutes before school begins and planning period/ 423-253-2530

Class Times: 4th and 5th/6th Block

Text: Glencoe Geometry

\*\*Geometry meets the requirements for one of the 4 math credits required for graduation @ TPHS - Credit received for passing this class: 1 full credit pre semester block.

**PURPOSE:**

The purpose of geometry at Tellico Plains High School is to set forth the following goals for all students: the student will (1) learn to value mathematics, (2) become confident in their ability to do mathematics, (3) become mathematical problem solvers, (4) learn to communicate mathematically, and (5) learn to reason mathematically. Geometry includes a study of reasoning, proofs, coordinate geometry, working with triangles, quadrilaterals, circles, parallel lines, area, and other polygons. **A major focus of this course is to prepare the students to take the Geometry TNReady exams at the end of the block semester, which will count 25% of their course grade\*\*.**

**METHODS:**

This course will consist of (18 weeks for a block semester) or (36 weeks for a yearlong semester) in which the above mentioned concepts will be presented in a variety of ways. During the course, students will hear lectures, take notes from marker board, promethean board and overhead projector, work problems on maker board, use computer/TV assisted problems, ask and answer questions, keep a portfolio (Notebook) of all work, and use TI-84 calculators.

**Evaluation Procedure:**

Each student will be evaluated on the basis of performance in each of the following areas:

(a) Announced and unannounced quizzes (30%)

(b) Selective homework assignments (30%)

(c) Notebook and Chapter Tests (40%)

Six weeks and semester grades will be determined as follows:

A= 93-100 B= 85-92 C= 75-84 D= 70-74 F= 69 or below

No grade will be given above 100 and no grade will be given below a 60 for a **nine weeks grade**.

**\*\*\*\*\*\*\*Progress reports\*\*\*\*\*\*\*\*\***

**Each student will be given a progress report every three weeks to take home with their current grade. Promptly return these signed reports since they will be worth extra credit points.**

**Class Rules:**

***Be Prepared***All students should have the previous day’s assignment completed and out on their desks, as well as a pencil/pen, paper, and book.

***Be On Time*** The school tardy policy will be followed.

***Be Responsible*** Students are responsible for each day’s work and assignments. *When a student is absent, it is his/her responsibility to make up any missed work. After three school days the missing grade becomes a zero.* As a note, field trips also count as absences, so work must be made up.

***Be Respectful*** Damage to any materials in the classroom will not be tolerated. Have mutual respect for others at all times. Keep all complaints until after class. Do not talk about other students or their abilities.

Any other disciplinary problems will be dealt with in the manner set out by the student handbook and the instructor. Disruptive and immature behavior will not be tolerated.

**PORTFOLIO (Notebook) & PROJECTS**

The portfolio must consist of all assignments and a cover sheet. Each student is responsible for the up keep and organization of his or her own notebook. At the end of each nine weeks, a notebook test will be given over the contents of the portfolio. The notebook test will count as a test score (40%) for the nine weeks. Projects will count as quiz grades (30%). In the past, projects have included scavenger hunts, quilting activities, and origami (paper folding).

**GRADED HOMEWORK**

Yes, I do give homework! Each day some class time is allotted for students to begin each assignment in class, however most will have homework to take home and finish. Most of this work will be graded either next few days or at the end of nine week in the notebook grade. Homework that is graded will be graded as homework grade (30%) of the nine week grade. Each student will be allowed (5) late homework grades (minus 10 points on the grade of that assignment) per nine weeks. After the fifth late grade, other homework not received on time will result in a zero. If a student is absent the day the assignment is turned in for a grade, they must turn it in the day they come back. If a student does not write the problem or show necessary work on assignments, they could have up to 25 points deducted from the grade on the assignment.

**By the end of the year students will have:**

1. Demonstrated increased knowledge and awareness of the language of geometry
2. Be able to solve problems through reasoning and proofs
3. Be able to solve problems and identify properties of triangles, quadrilaterals, circles, and other polygons
4. Demonstrated an understanding of the concepts and properties of parallel lines
5. Be able to solve area, surface, and volume problems
6. Demonstrated an understanding of basic Algebra I concepts in the geometry curriculum
7. Demonstrated proper class attitude
8. Completed all assigned work and projects

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**Ms. Lynn - Geometry Course Outline**

**2016-2017 School Year**

**THINGS I NEED FOR THIS CLASS:**

1. Notebook (3-ring binder or 3-prong folder) that contains:
   1. Notebook paper
   2. Graph paper – smallest pack, recommended
2. Pencils

3. Optional: If possible, TI-84+ Graphing Calculator (All students will be assigned a calculator for class time. This calculator would be for at home use and/or school use.)

This form and others can be found on my webpage: <http://lynndonna.weebly.com/>

Please sign below to confirm that you have read the attached syllabus. Return this signature page by ***August 12, 2016***for extra credit points.

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

Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_