

# Geometry Syllabus

Teacher: Mariah Baker  
Room: 112 (West Building)  
Phone Number: 387-6335  
Planning Period: 6<sup>th</sup> Period (1:15-2:05)

**Course Description/Overview:** We will begin in geometry with the basic concepts of shapes and figures. Students will use these basic concepts to develop and prove theorems and understand postulates. Students will also be able to derive and use properties of parallel lines, planes, congruent triangles, right triangles, polygons, circles, determine the area and volume of three dimensional figures, use coordinate geometry, and transformations.

**Course Content:** Areas of Study (by 9 weeks)

1<sup>st</sup> Nine Weeks- Introduction to Geometry and Tools of Geometry, Reasoning and Proof, Parallel and Perpendicular Lines

2<sup>nd</sup> Nine Weeks- Congruent Triangles, Relationships within Triangles, Quadrilaterals

3<sup>rd</sup> Nine Weeks- Special Right Triangles, Area, Right Triangle Trigonometry, Similar Figures, Surface Area and Volume, Transformations

4<sup>th</sup> Nine Weeks- Circles, EOI Review, Introduction to Algebra 2 Material

## Course Materials:

Students will need to purchase the following:

- 1 TI-30XS Multiview Calculators (I have a class set, but I encourage students to purchase their own for homework purposes, they are about \$15 and can be purchased online at [www.ti.com](http://www.ti.com))  
This calculator stands out because it will have a bright green 2<sup>nd</sup> key.
- 1 ream of white 8 ½ x 11 copy paper
- 1 three ring 2 inch binder
- 7 notebook subject dividers
- 1 package of loose leaf paper (college ruled or wide ruled)
- 1 10 pack or more of pencils
- 1 10 pack or more of red pens
- 1 box of tissue
- Students are not issued a textbook, but may check one out if needed.  
Prentice Hall Geometry Book, \$60 if textbook needs to be replaced.

## **Course Policies and Procedures:**

### **Classroom Rules**

- 1) Students must be in the classroom before the tardy bell rings.  
Three tardies = an office referral.
- 2) Students must come to class prepared. (homework, notes, pencil, positive attitude, questions)
- 3) Be respectful to Mrs. Baker, all classroom equipment and supplies, and fellow students.
- 4) All work must be shown on homework assignments to receive full credit.  
**NO WORK = NO CREDIT!!!!**
- 5) Any type of cheating or copying of answers and or work will not be tolerated. A grade of 0 will be entered if this occurs. Cheating on a test is an automatic ZERO!

### **Discipline Policy**

\*All school policies listed in the school handbook are also to be followed in Mrs. Baker's class.

\*This includes NO electronic devices such as cell phones, Ipods, music players, etc. These will be taken up in class and turned into the main office.

\*Absolutely NO bullying, profanity, or harassment will be tolerated. These may result in an immediate referral.

1<sup>st</sup> Offense- verbal warning

2<sup>nd</sup> Offense- student/teacher conference

3<sup>rd</sup> Offense- students will serve a 5 minute lunch detention

4<sup>th</sup> Offense- parent/guardian will be contacted

5<sup>th</sup> Offense- Office Referral (could result in after school detention, ISD (In School Detention), OSS (Out of School Suspension), etc)

Students need to take care of personal business before school, after school, at lunch, or in between classes. Students will not be able to use classroom time. Hall passes may be issued in the case of an emergency.

### **Grading Policies:**

Grades will be calculated as follows:

10% Homework (in pencil)  
10% Bell Work (done before class begins)  
20% Quizzes/EOI Practice/ACT Quizzes  
50% Chapter Tests/Nine Weeks Tests  
10% Semester Test/ EOI Test

I also coach and this is how I explain it to the students:

Homework = Practice (mistakes will happen, it's ok)  
Bell Work = Conditioning (keeping minds in shape)  
Quizzes = Scrimmage (let's see what we know)  
Tests = Game Time (prove what you have mastered)  
Semester Test = Playoffs (almost to the finals)  
State EOI = State Finals (our chance to be the BEST)



**The state EOI (End of Instruction Test) will be taken in late April or early May. Students must pass 4 of 7 of these tests in order to graduate.**

**Grading Scale:** A = 100 % - 90 %  
B = 89 % - 80 %  
C = 79 % -70 %  
D = 69 % -60 %  
F = 59 % and below

## **Weekly Reading/Written Assignments**

All students will be required to complete one assignment each week that involves writing. Often times, this assignment will be also tied to a reading assignment, and this assignment will be graded and recorded. All students will be expected to write in complete sentences. Beginning September 10th, written responses not written in complete sentence form will receive a point deduction equivalent to 50% of the point value for that particular question. For example, if a question is worth 10 points and the student writes the correct answer, but it is not in complete sentence form, the student will lose 5 points on that particular question.

Beginning on the first day of school, and continuing through September 7th, students who receive a 50% reduction on any particular question for not answering in complete sentence form will have their graded paper returned to them and be given two days to change the answers into complete sentence form. Full credit will be given to any student who follows through on this procedure. It is important to note this opportunity is being offered as a transition time for students to meet our expectation of communicating and writing in complete sentences. Beginning September 10th, students will receive a 50% point reduction for each item not answered in complete sentence form, without the opportunity to redo the assignment.

**Late Work Policy:** NO late work will be accepted for full credit!!

However, a student has the opportunity to do any missing assignments for a chapter BEFORE we take that chapter test. These late assignments will only be given 60% credit.

I post weekly grades (by id number) and missing assignments so students know what papers they have missing and their current grade. It is the responsibility of the student to know their id number and check the weekly postings.

**Extra Credit:** I do not give extra credit on a regular basis, but students will be notified what items may be counted as extra credit. I use extra credit as bonus points on tests.

This year I am incorporating more practice ACT material into regular classroom instruction. Periodically I may give BONUS quizzes similar to the questions we have gone over as a class. It is to every student's advantage to pay attention and take notes as needed for these questions.

**Retest Policy:** I do not allow retests. However, every student is offered the opportunity to do test corrections. This must be done by the deadline give by Mrs. Baker (usually within 3-5 school days) of receiving their test score. Students will receive 1-3 points for each correct correction. On their corrections, students must describe why they missed the problem, show their work, and tell why they are choosing their new answer. If a student is gone for a testing day it is their responsibility to inquire about test corrections in a timely manner. More specific guidelines are posted in the classroom for students to follow. If you would like a copy just let me know.

## **Progress Reports/Grade Reporting:**

Progress reports are given to students every three weeks. Parents will be notified if a grade is a D or below. Please contact the main office if you would like to be able to access your child's grade online anytime.

**Daily Classroom Procedures:** This is what students are to expect on a daily basis.

- 1) Students need to enter class and begin working on the Bell Work, ACT Practice Questions, or have homework questions ready to discuss.
- 2) Homework will be graded at the BEGINNING of class. Students will be grading their own homework (so they can see their mistakes immediately and ask questions). If a student is caught cheating by missing problems and not checking them as incorrect or not having work show, this could result in a lower score and possibly even a 0. Students sign an academic honesty plan and are expected to follow it at all times. Students will receive a grade of 10-0 on their homework so an immediate percentage is known (100 %- 0 %). All homework MUST be graded in red pen. Students are allowed to write in the correct answer with their red pen so they are able to go back and see why they missed a particular question.
- 3) After homework is graded and turned in, students need to be prepared with calculator and pencil to take notes. It is the student's responsibility to write down the notes we take as a class. This is the best time for students to ask questions if they do not understand an assignment. All notes will be kept in a three ring binder divided into chapters. This will make it easier for students to study for chapter tests, nine week tests, semester tests, and the EOI test. We will also be making a note card folder that will have the main concepts of each chapter. This will be worth a 100 point homework completion grade. Note quizzes are also 10% of a student's total grade.
- 4) After notes have been taken, students need to immediately begin working on their homework assignment. If students work in class, they should be able to complete most of their assignment, if not all of it. Students are encouraged to come in before school or at lunch for extra help.

## **Additional Information:**

### **Test and Quizzes:**

There is an assignment board posted in the classroom so students know when tests and quizzes are given. If a student is going to be absent on the day of a quiz or test, they must come in on their own time at lunch or before school to make it up. Students may not be given extra time during class to make-up tests and quizzes.

### **Missing a Day or Concept:**

If a student misses a day, I keep a file with all notes and assignments for the students. It is the responsibility of the student to pick these items up in class when they return or prior to when they leave. Students will be exposed to the chapter test information at least 4-6 times before they see it on a test. This may include homework, bell work, quizzes, review on other homework assignments, and the chapter test review. This should give most students who are present or absent enough exposure to do well on tests.

# Syllabus Agreement

I have read the syllabus and I understand what is expected in Mrs. Baker's Class.

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

\_\_\_\_\_  
Parent Signature

\_\_\_\_\_  
Date

## **PARENT/GUARDIAN INFO** (filled out by parent/guardian)

**Please print all names of parents/guardians living in the home:**

Name \_\_\_\_\_ Relation \_\_\_\_\_ Work Phone \_\_\_\_\_

Cell Phone \_\_\_\_\_ work e-mail \_\_\_\_\_

Name \_\_\_\_\_ Relation \_\_\_\_\_ Work Phone \_\_\_\_\_

Cell Phone \_\_\_\_\_ work-e-mail \_\_\_\_\_

Home E-mail \_\_\_\_\_.

Please feel free to contact me at [mbaker@newcastle.k12.ok.us](mailto:mbaker@newcastle.k12.ok.us) or you can reach me by phone at 387-6335.

Please list any other information you feel I need to know about your child. \_\_\_\_\_

\_\_\_\_\_

I the parent/guardian of \_\_\_\_\_ have read Mrs. Baker's syllabus and understand the grading policy, homework policy, and the expectations for my child in her classroom.

\_\_\_\_\_

Parent/Guardian Signature

\_\_\_\_\_

Date

