**Geometry Honors**

**Course Syllabus**

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This course is designed to enable students to develop growth in mathematical content fundamental for success in Algebra. The course will cover the standards from the following domains:

* Congruence
* Similarity, Right Triangles and Trigonometry
* Circles
* Expressing Geometric Properties with Equations
* Geometric Measurement and Dimension, and Probability

Requirements included but are not limited to the Florida Standards. This is a high school course and will be taught at an advanced level. The final grade in this course will be calculated in to the high school GPA. The student will be responsible for taking and passing an Geometry End of Course Exam in order to receive full credit for this course. This exam will account for 30% of your overall grade in this class.

**Course Content:**

* Chapter 1 – Basics of Geometry
* Chapter 2 – Reasoning and Proofs
* Chapter 3 – Parallel and Perpendicular Lines
* Chapter 4 – Transformations
* Chapter 5 – Congruent Triangles
* Chapter 6 – Relationships Within Triangles
* Chapter 7 – Quadrilaterals & Other Polygons
* Chapter 8 – Similarity
* Chapter 9 – Right Triangles and Trigonometry
* Chapter 10 – Circles
* Chapter 11 – Circumference, Area, & Volume
* Chapter 12 – Probability

**Requested Materials:**

* Notebook Paper
* Graph Paper
* Pencil

**Grading Scale:**

100 – 90 A (Excellent)

89 – 80 B (Above Average)

79 – 70 C (Average)

69 – 60 D (Below Average)

59 – Below F (Failing)

**Text:**

Big Ideas Math – Geometry

The online book can be found through Clever which will be housed in the Classlink account. In the event you need a physical textbook please let me know.

**Grading System:**

20% Homework/Classwork

60% Test/Quiz

10% Online Component

**Homework/Classwork:**

Classwork will be completed in class and turned in prior to leaving.

Homework is designed to help you practice the skill. It is not designed as busy work that takes hours to complete. You can expect homework 3 – 4 times a week. Generally you will receive 10 – 15 questions and most days you will have time in class to begin working on your assignment. Unless stated otherwise, it will be due upon arrival in class the following day. In the event you are absent the following day it is due immediately upon you return.

**Test/Quiz:**

Tests are usually at the end of each chapter and you will receive ample notice of the testing date. Most times you will also receive a chapter review at least one day prior to the test. This review will be a very close example of what your test will look like. Quizzes are usually announced but not always. These will be a quick assessment of your understanding of 2- 4 sections. In the event you are absent on test/quiz day you will be expected to make it up the day you return. In the event you are absent the day before the test you will also be expected to make it up the day of your return. In the event you are absent multiple days prior to the test and miss the instruction of a section you will need to arrange a make up date with me.

**Online Component:**

We will be using various sections of the Math Nation program along with online assignments from the Big Ideas text. We will have days in the computer lab to work on these assignments but you will also be responsible for completing some of these assignments on your own time. In the event that there is a conflict with accessing these online programs please make me aware of this PRIOR to the due date.

**Classroom Expectations:**

ECMS Stingrays focus on

* + - * **R**espect
      * **A**ccountability
      * **Y**our Best Effort
      * **S**afety

Emerald coast Middle School and Walton County Code of Conduct will be strictly enforced. The consequences of not following these procedures are discussed thoroughly with your child. We have discussed these rules and consequences as a class. In the event of serious or recurring offenses, parent contact will be made.

**Movies:**

At times I will implement mathematical pieces from movies or show an entire mathematical movie. In signing below, you will be agreeing to allow your child to watch PG-13 videos or excerpts from these videos. If you do not agree, please indicate this on the bottom of the form.

**Focus:**

Please keep in mind that the grade book (FOCUS) is a living document which is subject to change as students submit and modify work. It is possible that the grades you see will be subject to change and may not be an exact indicator of your child’s current grade. Please allow ample time for grades to be entered and adjusted.

**Planner:**

Please check your child’s planner throughout the week. We will be writing the weekly agenda every Monday in order to prepare for the week. Your child will be required to have a planner with them every day in every class.

**Showing Work:**

In order to receive FULL credit on you assignments ALL work must be shown. A scoring rubric is shown below as an example of full credit, partial credit and no credit. This will not only show me your understanding of a problem but it will also prepare you for standards assessed on the Geometry EOC.

\*This syllabus is subject to change if necessary. Please feel free to contact me with any questions or concerns. My contact info is located on the front of this sheet. Please save this sheet for contact purposes.

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I have received and discussed the Geometry syllabus provided by Mrs. M. Miller with my child.

Student Signature:

Parent Signature:

Date: