Honors Geometry
2022-2023

Purple Block
Wellesley High School, Room 443

Instructor: Mr. Eric P. Collins
E-Mail: collinse@wellesleyps.org
Office Hours: Mon.-Fri. 7:30-8:30 Other times by appointment after school or during math lab.

Text: <u>Geometry</u>, by Larson & Boswell, Copyright 2015, Big Ideas Learning, LLC.

Course Outline: Major Topics Covered (Order is subject to change)
        (1) Basics of Geometry
        (2) Reasoning and Proof
        (3) Perpendicular and Parallel Lines
        (4) Congruent Triangles
        (5) Properties of Triangles
        (6) Quadrilaterals
        (7) Similarity
        (8) Right Triangles and Trigonometry
        (9) Circles
        (10) Area of Polygons and Circles
        (11) Surface Area and Volume
        (12) Transformations

Evaluation: Each quarter grade will be based upon
        (1) Homework   5%
        (2) Quizzes   25%
        (3) Tests   70%
        (4) Cumulative Term Tests   TBD

Final Grade: Each term accounts for 25% of your grade.

Special Notes:

(1) A calculator will be permitted to work on homework and most exams.

(2) Homework is due at the beginning of class on the due date. Problem sets will be graded **only if** they are neat and legible. **Late assignments will <u>NOT</u> be accepted unless due to an excused absence.**

(3) Feel free to work with your classmates on the homework assignments, but write up the solutions on your own. A paper with answers and no solutions **<u>will not</u>** be accepted.

(4) Attendance at all classes is important and expected. Make-ups will be given only in the case of documented illness, emergency in the family, or an absence excused by the instructor **<u>prior</u>** to the date.

(5) You are responsible for all of the daily warm-ups. Topics on the warm-ups are eligible as quiz/test topics.