

# Ms. McKay's Course Expectations

## Geometry Foundations

### 2018-2019 School Year

The information here is for you to refer to throughout the school year to make your transition into high school mathematics a successful one. This course is the first of a four-year college preparatory sequence in mathematics, which follows the Geometry Model Curriculum from the State of Connecticut's Common Core State Standards.

**Email:** [mckayk@northstonington.k12.ct.us](mailto:mckayk@northstonington.k12.ct.us)

**Office:** Room 126

#### **Standards** for Mathematical Practice:

- Make sense of problems and persevere in solving them.
- Reason abstractly and quantitatively.
- Construct viable arguments and critique the reasoning of others.
- Model with mathematics.
- Use appropriate tools strategically.
- Attend to precision.
- Look for and make use of structure.
- Look for and express regularity in repeated reason.

#### **Topics** we will explore together:

- Unit 1: Transformations and Coordinates
- Unit 2: Congruence, Constructions and Proof
- Unit 3: Polygons
- Unit 4: Similarity and Trigonometry
- Unit 5: Circle and other Conics
- Unit 6: 3D Geometry
- Unit 7: Applications of Probability

#### **Supplies** to bring to class each day:

- 3-ring binder (1½ in preferred)
- Loose leaf lined paper, no spiral bound notebooks are needed for this class
- 5 tab divider. This will organize your math notes, projects, activities/investigations, quizzes and tests within the binder.
- Pencil / Eraser

#### **Behavior** to cultivate a safe and nurturing math family for all of us to grow our math minds in.

- *Be Respectful*
- *Be Honest*
- *Be on Time and Prepared* with supplies out and on task
- *Be an Active Learner* by participating in math topic related questions, comments and self-advocating
- *Be Present* by putting all cell phones away unless asked to use them for classwork by instructor
- *Show your work* so I understand your thinking and can best help you, also no work = no credit

## Grading based on total points system:

Tests	100-125 points
Quizzes	30-50 points
Homework	2 -10 points
In-Class Assignments:	5-20 points
Projects:	25-100 points
Warm-ups/Exit Slips	5-20 points

Semester grade: 40% each quarter and 20% semester exam

## Homework

- Homework will be assigned occasionally, when necessary or if classwork was not completed
- Homework will be graded based on two components, completion and quality
- Homework is discussed the next day in class, checked regularly and occasionally collected and graded
- If no homework is assigned get outside and go for a walk in nature, learn to prepare a new meal with your family, take some photographs that represent how you feel, play a card or board game with someone ☺ I will be after school almost every day and love new card games, come teach me!

## Extra Help / Make-up Work

- Stay after school with Ms. McKay and get help as soon as you are not clear on what we are learning together in class
- Students are responsible for all material covered and assignments during an *excused absence*. Work should be completed the day they return unless absence was for an extended period of time.
- Students with an *unexcused absence* will not be permitted to receive credit for missed work.
- Ms. McKay will be available after school until 3pm Monday through Thursday for students to get extra help or make up missed work, please let me know you are coming in as I occasionally have meetings or appointments.
- Any student that has an *excused absence* from class the day of a quiz or test will be required to make it up after school. Students will have one week to make up the missed assessment.

## Wheeler High School Academic Expectation met by this course

- Analysis

***Please refer to the school website for the current BOE policies regarding attendance, appropriate technology use and other related topics.***