

Port Townsend High School

Course Title: Modeling our World with Mathematics

Credit Awarded: **1.0 math credit (0.5 per semester)**

Instructor: Mrs. Cowling

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Classroom Phone: 360-344-3030

Teacher Webpage: https://highschool.ptschools.org/staff_directory/teacher_profiles_and_websites

Course Description:

Modeling Our World With Mathematics (MOWWM) is a five-module mathematics course developed locally by OSPI with input from educators across Washington, and is designed to follow Geometry. It contains career-connected thematic units where students use high school mathematics to analyze everyday life and work. The content and instructional strategies support increased attainment of the common core high school content standards while developing the standards for mathematical practice. This course can be taken instead of Algebra II, perhaps leading to Algebra II the following year.

Course Outline:

1. Getting Started: Classroom norms, instructional routines, and group procedures
2. Civic Readiness:
3. Health and Fitness:
4. Finances for Life:
5. Art and Music:
6. Digital World:

Place Based Project: None developed at this time.

Classroom Expectations for Success:

1. **Be Prepared** – Bring Notebook of preference, pen/pencil, calculator and geometry tools to class EVERYDAY.
2. **Be Prompt** – You should be seated, quiet, and ready to work when class begins. The PTHS Tardy policy will be enforced.
3. **Be Polite** – Respect yourself and others through your words and actions.
4. **Be Positive** – Attitude is a little thing that makes a BIG difference. You can do it!
5. **Be Productive** – Work the entire class period and stay on-task without distracting others.

Grading:

Since the grade a student earns should represent their level of understanding, assignments focused on skill development. Notebook entries and formative assessments will have a minimal impact on final grades. Assessments representing the student's individual level of understanding (i.e. tests) will have a greater impact. The total points accumulated in the following weighted categories will determine the student's overall grade:

- 25% Classroom participation and Individual Responsibility
- 10% Student Notebook (daily and independent work)
- 65% Unit tests and semester final

Class Materials:

Dedicated Math Notebook, folder, or loose leaf notebook storage organizer,
Pencil, pen, and colored pencils, *Suggested: highlighters, post-it notes.*

Work Completion/Work habits:

Students – The emphasis in this class, and in your grades, is *to improve upon where you started from and continually grow*. You are only limited by the effort you are willing to put forth to earn the grade you want. Success in class is more than your mathematical knowledge. It's also about your ability to focus, persevere, ask for help when you need it, and develop the skills necessary to critically analyze spatial and logical problems. Need face-to-face help? I'm here to help.

Before school 8:00am – 8:15am

During lunch time by appointment

After school until 4:30-ish if no faculty meeting is scheduled

Work missed due to illness or other reasons will need to be made up. Math concepts and skills are built upon prior knowledge and are sequenced similar to walking up a staircase. Students are responsible for making up the assignments and content from missed class periods. Some ideas for catching up include:

1. Look at another student's notes,
2. Pick up all papers from missed days,
3. Complete assignments to the best of your ability,
4. Schedule a time with me to get assistance. Students should schedule time before or after school to makeup a missed quiz or test due to an excused absence.

Parents – The best tool to stay informed is the Family Access/Skyward online program that can be accessed through the school's website, <http://www.ptschools.org>. Please contact the main office for correct login and password. Grades are updated on a regular basis. Also, have a conversation with your student. Ask general questions about the material. Expertise in math is not necessary, but your interest in the subject will help. Ask them to "tell you" about the current assignment or activity. I am looking forward to a year of growth with your student.

Washington State Core Standards:

Each unit will address specific math content and performance standards.

Cell Phone Policy:

This class adheres to the PTHS Cell Phone/Personal Communication Device Rules. A cell phone holding device will be available in my classroom. Upon entering my classroom, students are required to silence their ringers and place their phones in the holding device, or secure them in their backpacks, daily. Students who are caught with their cell phones on their person (i.e. in a pocket) or using them during class time (including in the hallway or other spaces) will have them removed per the school's cell phone policy. They will be turned in to the office, and appropriate consequences will be applied.

Academic Integrity:

You are expected to do your own work at all times. Each of you understands the difference between working on homework in a group, and cheating by copying. Similarly, you are expected to show what you know and can do on all tests. Anyone caught cheating will receive a zero for that assignment or test and will be reported to administration and your parent or guardian will be contacted.

Please sign and return this section of the MOWWM syllabus. This is your student's first assignment contributing to personal responsibility grade category.

My signature below indicates my awareness of the policies and guidelines within this document. Please sign and include your e-mail address. E-mail is my preferred way to stay in touch with you!

Parent Signature

Parent E-mail or Phone number

Student Name (print)

Student E-mail Address

Other comments, questions, things you think I should know: