



Modeling Our World With Mathematics

Modeling Our World With Mathematics (MOWWM) is a modularly-designed mathematics course developed locally by OSPI with input from educators across the state. MOWWM 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. The State Course Code is **WA0009**.

Who is MOWWM For?

Juniors or seniors who:

- Have taken Algebra I and Geometry
- Have 2 credits of math
- Have taken the SBA (no minimum score is required)

Following successful completion of MOWWM, students who want to continue with mathematics will be better prepared to take quantitative courses such as Algebra II, CTE courses, and additional STEM courses.

Topics

Getting Started
Civic Readiness
Health & Fitness
Finances for Life
Digital World
Arts and Music
Environmental Science (Fall 2020)
Engineering (Fall 2021)

Why Offer MOWWM?

- Designed to follow Algebra 1 and Geometry
- Qualifies as a 3rd credit of mathematics
- Recommended as a supportive transition for students who intend to go on to post-high school learning that requires mathematics (some trade schools or military fields, two-four year colleges)

Student success in MOWWM may:

- Encourage enrollment in a 4th credit of math, increasing mathematics facility and expanding career pathways
- Encourage SBA retakes

Training

Free training is available:

- Two summer trainings
- Virtual learning option

Communities of Practice (CoPs) are available to support teachers throughout the school year.

