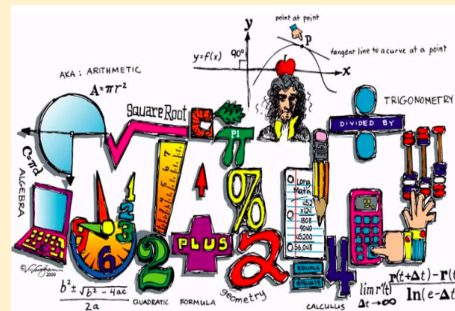




Mathematics Department

Curricula Grades 9-12



Norwell Public Schools' grades 9-12 mathematics curricula follow the standards for mathematical content as outlined in the 2017 Massachusetts Mathematics Curriculum Frameworks. In addition, the math department offers rich and rigorous coursework at all levels, allowing students to cultivate their higher order thinking skills in order to grow as thoughtful and capable problem solvers, critical thinkers, and lifelong mathematical learners.

The **Mathematics Department** at Norwell High School believes that all mathematically proficient students should develop an expertise in the following **"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 reasoning.

Grade 9

Geometry H
Geometry with Proofs CP
Geometry CP

Grade 10

Algebra II H
Algebra II with A.R. CP
Algebra II CP

Grade 11

PreCalculus H
PreCalculus CP
Algebra/Trigonometry CP
AP Statistics

Grade 12

AP Calculus AB & BC
Calculus H
Introduction to Calculus CP
Stats & Financial Mgmt CP
AP Statistics

The Norwell High School Program of Studies provides more detailed information about courses, expectations and opportunities.