

2025-2026 Algebra 2 Syllabus

Instructor Information:

Mr. Zachary Smith
Room 1111
Email: zsmith@genvalley.org

Student Supplies:

Folder
Pencil
Ipad

Course Description:

Algebra 2 is the third of the New York State math regents level classes. The class builds on the concepts learned in Algebra 1 and Geometry. The class mainly focuses on functions, along with a more detailed look at probability, statistics and trigonometry. The units covered in Algebra 2 can be found deeper in the syllabus.

Math Help:

I will be available after school every day until 3:30 pm. My door is also usually open during my free periods. You are more than welcome to check to see if I am available for help. I could also be available before school, if given advanced notice. The advance notice needs to be early the day before.

Grades Breakdown:

Warm Ups/Classwork - 15 %
Homework – 20 %
Quizzes – 25 %
Tests/Projects - 40 %

Warmups/ Classwork:

Warmups will be assigned in class most days. These will be short assignments that will mostly be used for review and to help build background knowledge for the day's lesson. Warmups can be corrected. Occasionally instead of homework there will be classwork instead of homework. Classwork may be corrected for full credit back.

Homework:

Homework will be given most nights. The students are expected to do ALL homework, even late homework. Students will be assigned homework; of the homework assignment I will specify which problems need to be done and turned in. These problems will be graded for accuracy. Homework will be graded on a 3-point scale. One point for completion, one point for neatness and the final point for accuracy. That means if homework is completed and neat, the student is guaranteed 67% on the homework. Homework assignments can be corrected for full credit back. This homework grade will be created from the average the homework assignment grades the student receive.

Quizzes:

Quizzes will be given weekly. Quiz day will be on Friday's. Any material covered previously is fair game. As the year goes on review questions will be included. Quizzes cannot be corrected. Some topics

require short memorization quizzes these will average in as well. Mr. Smith also reserves the right to give pop quizzes. I will drop the lowest quiz grade.

Tests/Projects:

Unit tests will cover all the material given in that unit. Each test will be different, but the general form will be multiple choice questions, short answer questions and one extended answer. Tests should be completed in one class, but extended time will be offered, but this will not extend past the end of the day. If students do not complete the test before, I leave for the day what is done will be graded. For some units, instead of a unit test a project may be used instead. Project will cover the same material that would have been on the unit test. Rubrics will be used to grade such projects.

Corrections:

Students will not be given corrections on quizzes. Mr. Smith will drop the lowest quiz grade at the end of each marking period. Test corrections will be different. Students will receive a second test (similar to the original test). Students will have a week to complete this second test. Once the second test is completed and is a perfect 100. Students will receive half points back on the original test or a 70, whichever grade is higher. Students may come to me and have me check the test before they turn it in. I WILL NOT CHECK TESTS THE DAY THEY ARE DUE!

Back-work Policy:

Any back-work is accepted up until the day of the test. After the test has been given, the owed assignments will not be accepted. Corrections will be accepted until the end of the quarter.

Classroom Expectations/Rules:

These are attached. These need to be read and reviewed by the students and parents or guardians. These will be signed and returned to Mr. Smith for the first homework grade.

Units:

- 1) Arithmetic Review
- 2) Algebra 1 Review
- 3) Functions
- 4) Linear Functions
- 5) Exponents and Exponential Functions
- 6) Logarithms
- 7) Quadratic Functions
- 8) Roots and Imaginary Numbers
- 9) Polynomials
- 10) Rational Expressions and Equations
- 11) Trigonometry
- 12) Probability
- 13) Statistics
- 14) Series and Sequences

2025-2026 Algebra 2 Expectations

Student Expectations:

The student is expected to:

- Be responsible for their learning.
- Be in class on time.
- To do all assignments.
- Put in their best effort.
- Ask questions.
- Seek additional help when needed.
- Follow all classroom and district rules.
- Not be distracted by their iPad.
- Cell phones, air pods/headphones and smart watches will be left in lockers.
- Help keep a positive learning environment.

Teacher Expectations:

The teacher is expected to:

- Provide efficient and reliable instruction.
- Grade in a timely manner and update Power School weekly.
- Correct behaviors that are inappropriate for the classroom setting.
- Provide additional help or instruction when needed.
- Be in communication with parent/guardian.
- Be professional.
- Help keep a positive learning environment.

Parent/Guardian Expectations:

The parent/guardian is expected to:

- Be supportive of the student's learning.
- Work out any issues that arise with the teacher and/or student.
- Be in communication with the teacher.
- Help keep a positive learning environment.

Signatures:

Student's: _____

Teacher's: _____

Parent's: _____

Edited on 8/13/2025

Contact Info:

Email: _____

Phone Number: _____