



## Algebra 2 ~ 2025/2026

**Mrs. Long (Room F202)**

*If you have any questions, please contact us through one of the following resources:*

**E-mail:** [deenalong@eriesd.org](mailto:deenalong@eriesd.org) **Text:** [Parent Square](#)

*\* I typically respond to messages within 24 hours, usually sooner.*

### **DAILY Class Materials**

Algebra 2 Folder	Pencil and/or pen	Lined Paper	Charged Laptop
<ul style="list-style-type: none"><li>• The Algebra 2 folder will contain one unit at a time.</li><li>• Textbooks are available online in your clever portal.</li><li>• Often assignments require a computer with internet access.</li></ul>			

### **Course Description**

Algebra 2 is the third math course in high school, following Algebra 1 and Geometry, and will guide you through among other things linear equations, inequalities, graphs, polynomials and radical expressions, quadratic equations, functions, exponential and logarithmic expressions, and trigonometry. Students will use guided notes in the Reveal Algebra 2 textbook, text assignments, and online work to strengthen their understanding of the course topics.

### **Module TOPIC**

<b>1:</b> Relations & Functions	<b>2:</b> Linear Equations, Inequalities, & Systems	<b>3:</b> Quadratic Functions
<b>4:</b> Polynomial & Polynomial Functions	<b>5:</b> Polynomial Equations	<b>6:</b> Inverses & Radical Functions
<b>7:</b> Exponential Functions	<b>8:</b> Logarithmic Functions	<b>9:</b> Rational Functions
<b>10:</b> Inferential Statistics ( <i>if time permits</i> )		<b>11:</b> Trigonometric Functions ( <i>if time permits</i> )

### **Weekly Agendas**

- Students can view the Weekly Agenda in Schoology.
- The Weekly Agenda will list all classwork and homework assignments.
- Absent students should check the Weekly Agenda to see what they missed and request any missed worksheets.

### **Class Rules**

Students are expected to follow the class rules which include:

- Rule #1: Respect everyone.
- Rule #2: Follow directions quickly; be responsible.
- Rule #3: Make smart choices; be resilient.
- Rule #4: Non-Math supplies should be put on the floor or chair backs.
- Rule #5: Cell phones and earbuds/headphones should NOT be seen in the class.
- Rule #6: Keep your dear teacher happy!

Consequences for breaking rules may include: verbal warnings, phone call and/or other communication with parents, teacher detention, and referral to administration.

## **PBIS**

You can earn points each block for being RESPONSIBLE, RESPECTFUL, and RESILIENT.

- Respectful: 3 points for completing an academic task
- Responsible: 3 points for being to class on time
- Resilient: 3 points for phone on silent and away during class from bell to bell

## **Cell Phone Policy**

Cell phones are distracting. Following Erie Public School Board policy, it is required that phones be silenced and placed in your backpack or pocket during class, along with headphones and earbuds. Phones that are still out/visible after two warnings will result in an administrative referral. During ALL assessments (tests/quizzes), student phones will be placed in a locked box in the center of each desk grouping.



**\*\*\*After school help is available Wednesdays after school until 4:30.\*\*\***

*Other times are available by appointment if Wednesdays don't work for you. Please talk to Mrs. Long if you need help.*

COURSE GRADE				
	Module Tests (end of unit)	Quizzes	Classwork	Independent Practice Assignments
% of Course Grade	40%	20%	30%	10%
What??	We will take an overall module test at the end of each module (unit). These tests will always be announced, and we will always have a review/practice right before each test. Not always, but often notes are permitted to be used during tests. <b>**Phones will be placed in a clear lock box in the center of each table group during tests. No exceptions.**</b>	Sometimes unannounced, but you will generally know when we will be having a quiz. These assessments are shorter than tests and cover fewer topics(usually 2-4 lessons). <b>**Phones will be placed in a clear lock box in the center of each table group during tests. No exceptions.**</b>	Classwork includes daily warm-up exercises, explore activities, module notes, any online work done in class, and group activities/assignments.	These are the problems assigned after the lesson to reinforce the concepts and standards taught in class. They are collected at the end of a two week period along with the warm-up exercises for that same time period.
Absences	Students who are absent on the original test day will take a make-up test during the next module's review day.	Students who are absent on the original quiz day will take a make-up quiz the very next day they attend class (during class time)..	✓ Assignments should be completed nightly. ✓ Online assignments will have posted DUE dates. ✓ Paper assignments will be collected in a bi-monthly independent practice packet (every other Friday). ✓ Students who wish to turn in a late packet (or notes or other assignments) must fill out <a href="#">this google form</a> or it will not be graded. ✓ Late work will not be accepted after the conclusion of each quarter.	

The overall grading scale is: A= 90-100%, B= 80-89%, C= 70-79% , D= 60-65%, F= 0-64%  
**Extra credit assignments are not available. Instead, keep up with work as it is assigned and you really will do okay in this class!**

*\*This syllabus is subject to change as the semester progresses. Any updates will be posted in Schoology.*