



# Reynolds High School

## Algebra 2 2023-2024

*Building Relationships for Academic Success*

**Instructor Name:** Beth Barker      **Phone:** 503-667-3186 Ext: 1137

**Room Number:** 720      **Email Address:** [bbarker@rsd7.net](mailto:bbarker@rsd7.net)

### **Required Textbooks/Materials:**

- *Algebra 2* by Ron Larson & Laurie Boswell (Book from library or online). School Computer, Spiral Notebook, pencils, highlighter, ruler. Calculator (Cell phone calculators are not allowed)

**Course Description:** This course is the third math class in the traditional math sequence. Successful completion of this course will prepare students for Pre-Calculus. We will be working with all kinds of functions and using them to model real world situations. All topics come from the current Oregon state Standards.

**Course Requirements:** Homework will be assigned every class period. Make sure to keep up with your assignments especially when you are absent. There will be quizzes throughout the unit, and tests will be given at the end of each unit. There will be a semester final exam.

**Phones:** Phones must be on silent and in your backpack all period. If I see your phone I will hold on to it for the remainder of the day and you can pick it up from me on your way home.

**Late Work/Retake Policy:** Homework is assigned each class day and is expected to be completed by the next class day. Late homework will only be accepted until the end of the unit. Quizzes must be completed before the end of the unit. Tests can also be retaken one time. The new score for the test will be an average of the two test scores. This may mean that your grade will go down! If you miss a test due to an absence, and do not make it up by the next class day, you will not be able to retake it. Tests must be completed by the end of the semester due date.

### **Course Schedule of Units:**

#### **Semester 1:**

Unit 1: Transformations of Functions

Unit 2: Quadratic Functions

Unit 3: Quadratics and Complex Numbers

Unit 4: Polynomial Functions

#### **Semester 2:**

Unit 5: Rational Exponents and Radical Functions

Unit 6: Exponential and Logarithmic Functions

Unit 7: Rational Functions

Unit 8: Modeling with Functions

## **Grading Policy Description:**

### **Formative Assessments - 25% of the overall grade**

This includes: Class activities, homework, quizzes, etc.

### **Summative Assessments (Mastery) - 75% of the overall grade**

This includes: Exams, projects, etc.

## **Letter Grade Description & Percentage Breakdown:**

<b>Grade Percentage</b>	<b>Letter Grade</b>	<b>Description</b>
100% - 90%	<b>A</b>	The student fully understands the content and the course objectives have been mastered.
89% - 80%	<b>B</b>	The student understands the content and course objectives at an above average level.
79% - 70%	<b>C</b>	The student understands the course content and course objectives at an average level.
69% - 60%	<b>D</b>	The student understands the course content at a below average level and a minimum of course objectives are met.
59% - 0%	<b>F</b>	The student has not met a sufficient number of course objectives to pass a minimum level and receives no credit.

### **Class Expectations: Reynolds Raiders are...**

**Prepared & Punctual** – Bring notebook and pencil to class every day. Be on time.

**Organized** – Use your Spiral and planner to keep track of upcoming due dates.

**Writing** – Write in complete sentences and think critically about your responses.

**Engaged** – Listen, ask questions, and participate in individual and collaborative class activities. No Heaphones.

**Respectful** – Be kind to yourself, your classmates, your teacher, and our classroom.

### **Other**

Drinks with a closed lid are allowed in class. Please keep snacks to a minimum, and clean up any crumbs that they create. My door is locked when the bell rings, you will need a pass to get in.

*I have read, received and understand the Algebra 2 syllabus.*

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Student Printed Name \_\_\_\_\_ Period \_\_\_\_\_

Parent Signature \_\_\_\_\_ Date \_\_\_\_\_