

# Algebraic Reasoning 2023-2024

## Contact Information

Ms. E. Ramirez

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My website is : <https://schools.saisd.net/page/eramirez19-Home>

Conference Period: 7th Period Room: 0241

Tutoring: Monday and Tuesday after school until 6pm (subject to change)

## COURSE DESCRIPTION:

In Algebra 1 EOC, students will expand their understanding of Algebra as laid out by the TEKS. The STAAR Algebra I End of Course assessment measures knowledge of the Algebra I standards (TEKS). STAAR test is a graduation requirement. The student will be able to:

- (1) solve one-Variable Equations (A.5A).
- (2) Find Domain and Range of Linear Functions (A.2A)
- (3) Find Rates of Change (A.3B)
- (4) Graph and Describe Linear Functions (A.3C)
- (5) Write Linear Equations (A.3D)
- (6) Graph Linear Inequalities (A.3D)
- (7) Write Systems of Linear Equations (A.2I)
- (8) SOLve Systems of Linear Equations (A.5C)
- (9) Factor Trinomials (A.10E)
- (10) Solve Quadratic Equations (A.8A)
- (11) Find Domain and Range of Quadratic Functions (A.6A)
- (12) Graph and Describe Quadratic Functions (A.7A)
- (13) Transform Quadratic Functions (A.7C)
- (14) Simplify Using the Laws of Exponents (A.11B)
- (15) Graph and Describe Exponential Functions (A.9D)
- (16) Write Exponential Functions (A.9C)

## Required Materials

- ▶ #2 Pencils, composition notebook, 1-Inch white binder, graph paper, 1-box of Kleenex

## Grading

<b>Assignments 60%</b> (i.e. workbook, Do Now, exit tickets, groupwork)	<b>Assessments 40%</b> (i.e. quizzes, tests)	<b>Semester Exams</b> (15% of each <i>final</i> semester grade)
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## Expectations

All school rules, according to the Student Code of Conduct, are to be followed. In addition to these rules are the classroom expectations laid out below:

- ▶ Be on time, sitting at my desk when the bell rings.
- ▶ Be prepared including a pencil, paper, calculator and workbook.
- ▶ Be productive and fully participate in each activity (i.e. contribute to class discussions,

stay on task, be organized maintain class flow, transitions and manage time well).

- ▶ Build others up, not tear them down.

We as a class will discuss further expectations and consequences as deemed necessary.

**Class Operating Procedures**

- ▶ Upon entering class, Students will exchange cell phones for calculators and place bags on the back table.
- ▶ Students will complete the 'Do Now' activity promptly. Some classes will require an 'Exit Ticket.'
- ▶ If student is absent they are required to ask for and pick up missing work
- ▶ Students are expected to remain in their seats until their area is clean and the teacher dismisses them. Do not pack up and line up!
- ▶ At the end of class, or upon due date, turn work into the "In-Box."
- ▶ Students and Parents will receive a progress report every 3 weeks reflecting the student's progress and missing assignments. All grades and other pertinent student information may be found on **Frontline**.

**Late Work/Make-Up Work**

- ▶ **Work missed** due to absence may be made up within 2 days of returning for each day missed, not to exceed 6 days as laid out in the student handbook.
- ▶ **Late work** will be accepted with a penalty of 10%/day.
- ▶ It is the student's responsibility to obtain any worked missed.

**Consequences**

Consequences may include eye contact, verbal warnings, student/teacher meeting, calls to guardian, parent/teacher conference, counselor referral, Administrative intervention generally in that order and dependent upon the severity of the student's actions (see student handbook).

-----DETACH AND RETURN-----

**STUDENT INFORMATION:**

Name: \_\_\_\_\_ ID #: \_\_\_\_\_

**PARENT/GUARDIAN INFORMATION:**

Name: \_\_\_\_\_

Cell Phone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

**By signing, we acknowledge that we have received and agree to the Algebra II Syllabus.**

\_\_\_\_\_  
**Student's Signature** **Date**

\_\_\_\_\_  
**Parent's Signature** **Date**

It is the policy of San Antonio ISD not to discriminate on the basis of race, color, national origin, age, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

Es norma del distrito de San Antonio no discriminar por motivos de raza, color, origen nacional, sexo o impedimento, en sus programas, servicios o actividades vocacionales, tal como lo requieren el Título VI de la Ley de Derechos Civiles de 1964, según enmienda; el Título IX de las Enmiendas en la Educación, de 1972, y la Sección 504 de la Ley de Rehabilitación de 1973, según enmienda.