Algebra 1-2 and Math Seminar

This course covers the basic building blocks of algebra and promotes basic number sense and algebraic reasoning. The units covered in this course are…

Unit A1: Solving Linear Equations

Unit A2: Linear Functions

Unit A3: Systems

Unit A4: Statistics

Unit A5: Quadratic Functions

Unit A6: Inequalities

Unit A7: Exponents and Exponential Functions

Unit A8: Sequences and Series

Unit A9: Functions

**Grading**

Students will receive 2 proficiency marks (tests) for each learning target. These tests will occur every Friday.

1 proficiency mark per quarter will be reserved for participation and classwork. There will be one cumulative final exam at the end of first semester (the end of Algebra 1) and at the end of second semester (the end of Algebra 2). Student portfolios (the folder containing warm-up problems, notes, examples, classwork, etc.) may be used during tests.

**Proficiency Marks**

4 (highly proficient)

3 (proficient)

2 (below proficient)

1 (warning)

0 (no attempt)

**Homework**

We meet every day for 90 minutes with the addition of Math Seminar to all Algebra 1-2 students’ schedules. Homework time is built into class, however, if a student wastes time in class they will have homework to complete at home.

**Phone Policy**

Phones must be off and out of sight during class. Students may use the docking station in the locked closet to charge phones.

**Hall Passes**

No hall passes are given during the first and last 10 minutes of class. Only one student may be out of the classroom with a pass at a time.

**Attendance**

In PPS, students are marked tardy if they arrive after the bell and before 25% of class time has passed. Students arriving after 25% of class time has passed are marked absent.

**Consequences**

If students use their phone or cause disruptions to learning in any way, consequences will be as follows:

 1st offense in a period: warning

 2nd offense in a period: phone call home and referral to dean

**Diversity**

“PPS recognizes the diversity and worth of all individuals and groups and their roles in society. All individuals and groups shall be treated with fairness in all activities, programs and operations, without regard to age, color, creed, disability, marital status, national origin, race, religion, sex or sexual orientation.” *PPS Board of Ed Policy 1.80.020-P*

**Differentiation**

The differentiation strategies used in this course are based on the evidence (data) received through multiple forms of pre, ongoing, and formative assessments. Described here are the types of assessments used and specific differentiation strategies in place to meet the needs of ALL learners (including TAG, ESL, Special Ed...)  Differentiation strategies include spiraled learning, scaffolding, presentations, independent study of higher level content, and student choice in assessment.