Algebra 1

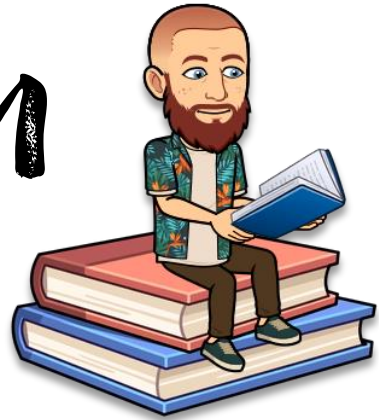## Course Syllabus
Mr. Marcos Velazquez

Description

In Algebra 1, instructional time will emphasize five areas: (1) performing operations with polynomials and radicals, and extending the Laws of Exponents to include rational exponents; (2) extending understanding of functions to linear, quadratic and exponential functions and using them to model and analyze real-world relationships; (3) solving quadratic equations in one variable and systems of linear equations and inequalities in two variables; (4) building functions, identifying their key features and representing them in various ways and (5) representing and interpreting categorical and numerical data with one and two variables.

Contact Information

Room: Lab 1
Email: mvelazquez@coheaedu.com
Phone: (305) 362-4006
Planning: 7th Period

Required Materials

o   3-Ring Binder, 1-inch
o   Pencils
o   Graph Paper or Quad Ruled Paper
o   Graphing Calculator App (Desmos or GeoGebra)
o   Ruler or Geometric Ruler (optional)
o   Highlighters (optional)

Classroom Rules & Expectations

1.   Always be on time to class.
2.   Always show respect for your teacher and classmates.
3.   Always use classroom-appropriate language.
4.   Always bring your required materials.
5.   Always use electronic devices for school-related material only.
6.   Always raise your hand to be recognized.
7.   Always ask questions and participate in class discussions.
8.   Always communicate with your teacher about expected or continued absences.
9.   Always wait at your seat for the bell to ring for dismissal.
10. Always try your best.

Consequences

Failure to adhere to the proper rules and procedures for this class or COHEA in general will result in the following:

1. Verbal warning/Seat change
2. Student-teacher conference
3. Contact parent/guardian
4. Written referral
5. Disciplinary meeting with parents and administration

Grade Breakdown

- 40% Assessments
- 30% Coursework
- 15% Class Participation
- 15% Notes (checked periodically)

Late & Make-Up Work

- Late work is prohibited without an excused absence.
- Make-up work may be given at teacher's discretion.

Course Topics

1. Writing and Solving Equations
2. Graphs and Functions
3. Linear and Absolute Value Functions
4. Equations of Linear Functions
5. Linear Inequalities
6. Systems of Linear Equations and Inequalities
7. Exponents and Roots
8. Exponential Functions
9. Polynomials
10. Quadratic Functions
11. Represent and Interpret Data

In signing below, I indicate that I have read and understand all rules, requirements and expectations outlined above.

_____
Print Student Name

_____
Student Signature

_____
Print Parent/Guardian Name

_____
Parent/Guardian Signature