**ALGEBRA 1**

**DR. J. E. PIERRE, TEACHER**

[**J1pierre@nps.k12.nj.us**](mailto:J1pierre@nps.k12.nj.us)**, (862)955-2294**

Welcome to Algebra 1 with Dr. Pierre. I am delighted to have you as a student this academic year, 2023-2024. I look forward to meeting you, getting to know you, and working with you to reach your maximum potential and have a successful academic year at Eagle Academy for Young Men of Newark. Let’s work together to create a safe, fun, respectful, and dynamic learning environment

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| **Course & Grade Level** | ALGEBRA 1, 9TH GRADE |
| **Room #** | 408 |
| **Course Description** | Algebra 1 is designed to deepen students’ understanding of linear, exponential, and quadratic functions by emphasizing patterns of change, multiple representations of functions and equations, real-world models, and methods for finding and representing solutions of equations and inequalities. Students interpret structure in expressions, write expressions in equivalent forms to solve problems, and create equations that describe relationships. In this course, students understand solving equations and systems of equations as a process of reasoning and explain the reasoning, solving equations and inequalities in one variable and solving systems of equations in two variables, using various representations. Students deepen their understanding of the concept of a function and are introduced to function notation. Building upon the concept of a function, students interpret functions that arise in applications in terms of the context and analyze functions using different representations. Students build functions that model relationships between two quantities—focusing on relationships that can be modeled with linear, quadratic, and exponential functions. Students construct and compare linear and exponential models to solve problems. |
| **Required Materials** | Pencil, notebook, 1 inch binder dividers, ruled filler paper, sheet protectors, calculator, & fine point dry erase markers |
| **Policies & Procedures** | Come to class every day with all needed materials and be prepared to contribute to the learning community and learn. The primary classroom expectations include:  ● Be present and participate in the learning activities.  ● Be respectful to yourself and others.  ● Do not use cell phone or listening devices during class.  ● No sidebar conversations when someone else is talking.  Complete all assignments in a timely manner and turn them in. |
| **Grading Policy** | **Category Percent of Grade**  **Summative Assessments 70%**  **Formative Assessments 30%**  **Summative Assessments** include, but are not limited to the following::  unit tests, performance based assessments, project based assessments, portfolios, essays, mid term and final examinations.  **Formative Assessments**  includes, but are not limited to the following:  Do nows, daily instructional tasks, homework, drafts of essays, quizzes, exit tickets, standards mastery performance tasks, class participation  Gradebook will be updated on Powerschool weekly. |
| **Late/Make Up Work Policy** | There is always an opportunity for students to retake an assessment for which they earned an unsatisfactory grade. However, it is the student’s responsibility to contact Dr. Pierre to reschedule the assessment within 10 days of its administration. Students who retake an assessment will receive the average of the two grades earned. A missed assessment counts as an F or 53%.  Students have the opportunity to make up late work, without penalty under the following circumstances:   * Excused absences * Student missed class due to a trip or school based activity * Student went home early, (must be documented in school sign out book) * Bereavement * Sickness/Hospitalization * Failed assessment grade despite effort * Extenuating Circumstances- (ex: black outs, natural disasters…)   Students have the opportunity to make up late work at a reduced percentage, with the following circumstances:   * Conference with student and parent, with an agreement of specific assignments to be made up |
| **Attendance & Tardiness Policy** | Attendance and punctuality are necessary for successful completion of this course. In the event that you have an excused absence it is your responsibility to obtain make-up work and/or reschedule any missed assessments. |
| **In Person and**  **Virtual Learning Expectations** | If the need arises, we will participate in synchronous (live) lessons**.** If virtual learning becomes necessary, it is the expectation that you actively participate in virtual lessons and complete all assignments to the best of your ability. Any inappropriate use (social media, cheating, FaceTime, phone calls, etc.) is strictly prohibited during sessions. Asynchronous lessons will be posted in our Google Classroom. Please demonstrate our Eagle Core Values - C.L.E.A.R. and adhere to NBOE Discipline Policy. |
| **Classwork & Homework Policies** | * All assignments must be turned in on time. Late assignments will be accepted under the following conditions: a) the assignment is submitted at the beginning of the next class session, immediately following the due date [10 points will be deducted from the earned grade] **AND** b) the assignment has not been reviewed in class or graded/returned by the teacher. * All essays and research papers must be typed in MLA format. * Students are required to rewrite all essays that receive a grade below 70% * You must read the assigned literature selections and actively participate in class (discussion, activities, group work, etc.). * Students will be required to adhere to the following guidelines for handwritten assignments:   + Use blue or black ink **(assignments written in pencil or other colors of ink will not be accepted)**   + Left and right margins must be observed   + Loose-leaf notebook paper must be used   + Written work must be legible and neat |
| **Course Timeline** | |
| **MP #1:**  **SEP 5—OCT 20 OCT 23—NOV 7** | Unit 1A: Linear Functions, Inequalities, and Systems Unit 1B: Linear functions and equations |
| **MP#2:**  **NOV 10 –DEC 14 DEC 15–JAN 26** | Unit 2A: Functions  Unit 2B: Two Variables Statistics |
| **MP #3:**  **JAN 29—FEB 22 23—APR 11** | Unit 3A: Introduction to Quadratic Function Unit 3B: Quadratic Equations |
| **MP #4:**  **Apr. 13 - June 19** | Unit 4A: One variable Statistics |
| **Student Signature** |  |
| **Parent Signature** |  |
| **Incentivize** | Ex: Students will receive 10 points if this form is signed and returned to class by 9/10. |

[**2023-2024 High School Guidebook**](https://drive.google.com/file/d/1D8p0Xshvdsur4-7DlArLHbRTzvsnWoWY/view?usp=sharing)

[**2023-2024 NBOE Unform Grading Policy Guidebook**](https://docs.google.com/document/d/1_T4reM2PQOfYI64arh3gnpzssrrV_UMl5EQfaRd78LM/edit?usp=sharing)