

# **NEED to KNOW for Algebra 1**

**Course:** Algebra  
**Text book:** *Algebra 1* by Larson, Boswell, Kanold, and Stiff

**Instructor:** Mr. Custodio

## **Topics that will be studied this year**

- Algebraic Foundations
- Solving Linear Equations
- Graphing Linear Equations
- Writing Linear Equations
- Solving Systems of Linear Equations
- Solve and Graph Linear Inequalities
- Exponents and Radicals
- Polynomials
- Graphing Quadratics
- Factoring
- Solve Polynomials
- Data Analysis

## **Materials expected to bring to class EVERY DAY:**

1. Student Agenda!
  - Students must use their agenda for keeping track of daily assignments and assessments. Students must use their agenda as passes to leave the classroom.
2. **PENCIL**
3. 1 Inch Binder
4. Headphones
5. Electronic Device (Smart Device) – Teacher will inform students if they are allowed in class and in use.
6. Loose Leaf Paper
7. Calculator
  - a. TI-84 (any model)
  - b. Rentals are available

## **You will be graded according to the following system:**

This course is piloting a standards-based grading system. In this system, each student will be measured against a list of standards, which is intended to give a clear reflection of a student's academic achievement by assigning grades to standards. In each unit/chapter students will have to demonstrate their level of understanding according to district standards and targets.

Your performance in a standards-based grading system will be split into two categories: academic achievement and process marks.

- The **academic achievement grade** includes assessments such as exams, projects, quizzes, laboratory projects, presentations, and portfolios.
- The **process marks** represent other aspects of performance in the classroom that relate to assignments, behavior, participation, and preparation.

The role of a learner is "to expand (their) skill base to a mastery-level by self challenge" and understand "that the standards based-system revolves around a growth process that allows time to learn from and correct errors" (19). In addition, a student in this type of grading system "is accountable for having the attitude of a learner: being willing to listen, being open to understanding new ideas, being willing to problem solve, having self-confidence to try new approaches, being able to adjust and revise, and wanting to communicate" (22).

*Work Cited: Zagranski, Richard. et. al Understanding Standards Based Education: A Practical Guide for Teachers and Administrators. Thousand Oaks, CA: Corwin Press, 2008.*

### **The grading scale is:**

A = 90 – 100%  
B = 80 – 89%  
C = 70 – 79%  
D = 60 – 69%  
F = Below 60%

### **Your grade will be determined by:**

80% Exams: Summative assessments  
15% Exams: Formative Assessments  
5% Homework

# **Homework/Assessments/Staying Informed**

## **Homework Policy:**

The purpose of homework is to practice for assessments. Homework is **not optional**. Missed homework assignments will result in an academic detention as described previously.

Homework is due the day after it is assigned. Teachers will accept any late homework for full credit up until the date of the assessment. After this date, homework will not be accepted.

## **Retake Policy**

- Tests Only
- 70% of Homework Completion in the Unit wanting a retake in
- Remediation with teacher
- Process needs to be complete by the date of the next unit's assessment

## **Ways to get extra help:**

- Before or after school by appointment
- After school in the Library Media Center (11<sup>th</sup> Hour)
- Re-watch lesson on YouTube



## **Ways to stay informed!**

- Download "Infinite Campus Mobile Portal" (Free App)
- Sign up for "Remind" see "Parent's Homework"
- On Twitter, follow @MrNickCustodio for updates and trends
- Email me: custodionicholas@dist156.org

Mr. Custodio's  
YouTube Channel

# **Parent's Homework**

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

Son/Daughter: \_\_\_\_\_

Dear Parents/guardians,

Instead of signing and returning a document, please e-mail your teacher with the following information. This information will also be used to invite you to join the Canvas web page for access to on-line resources throughout the school year.

## **Assignment 1: Read the Need To Know**

## **Assignment 2: E-Mail the Teacher**

**E-mail:** [custodionicholas@dist156.org](mailto:custodionicholas@dist156.org)

**Subject:** Need to know – "Student's Name" - (Class and Hour he/she has me)

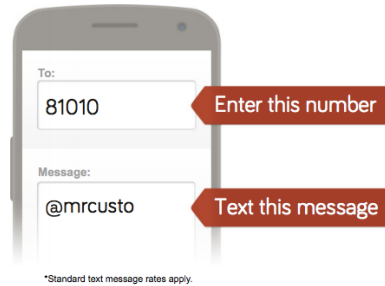
**Message:** First and last names of parents/guardians and student and best number to call.

## **Assignment 3: Sign for Remind (For both student and parent)**

*It's a safe one-way line of communication for you and your son/daughter to get heads up notifications right from me. Whether it be to remind them to study for a test, work on homework, or even a little motivational message to keep them going, I will **Remind** them.*

To receive messages via text, text @mrcusto to 81010. You can opt-out of messages at anytime by replying, 'unsubscribe @mrcusto'.

Trouble using 81010? Try texting @mrcusto to (847) 978-4631 instead.



Or to receive messages via email, send an email to [mrcusto@mail.remind.com](mailto:mrcusto@mail.remind.com). To unsubscribe, reply with 'unsubscribe' in the subject line.



## **Assignment 4: Read the Flipped Classroom Brochure**

## **Assignment 5: Materials**

*Make sure my son/daughter has a 1 inch three ring binder, page dividers, and headphones*

**Sign and return here if and only if all assignments have been completed**

X \_\_\_\_\_