

**Algebra 1**  
**Mr. Loomis**  
**Rm. 324**  
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**Google Classroom Code (Period 2): 7vt6qyq**

**Course Overview:**

Welcome to 9th grade Algebra 1! Algebra 1 introduces students to variables, algebraic expressions, equations, functions, inequalities, and their multiple representations. Students will develop the ability to explore and solve real-world application problems and communicate mathematical ideas clearly. This course lays the foundation for every subsequent course in mathematics.

**Course Content:**

Term 1: Pre-Algebra Review, Solving Equations, Solving and Graphing Inequalities

Term 2: Functions, Linear Functions, Systems of Linear Functions

Term 3: Exponents and Radicals, Exponential Functions, Polynomials

Term 4: Quadratic Equations, Quadratic Functions, Probability and Statistics

**What You Will Need for Class Materials:**

- Calculator and/or number lines
- Binder or folder for guided notes, homework, and other worksheets
- Pencils
- Chromebook and Charger
- Growth mindset

**Expectations:**

**The Three R's:**

**RESPECT**

- My number one expectation is for you to have respect across all aspects of this class and within the building. Have respect for your peers, your school work and materials, me, our classroom and the materials within it. If you respect the people around you and the environment you're in, you will in turn be respecting yourself.

## **RESPONSIBILITY**

- I will expect you to be responsible for your assignments and learning materials. I will expect you to come to class on time and prepared with any assignments and items you need in order to complete them. I will do my best to help you with any work you bring to class so long as you are responsible for having them with you and ready to work on. I will also expect you to act responsibly while you're in this room.

## **RESOURCEFULNESS**

- In this class, I will expect you to develop skills and comfort with being resourceful. What I mean is, as we work together, I want you to find new ways to access and obtain information you need. There are seemingly endless resources available to you, and I am ready to help you find them and answer questions alongside you. That means I will expect you to determine a method you're comfortable with in order to advocate for yourself.

### **Daily Classroom Expectations:**

- Be on time - need a late pass if you'll be late
- Put cell phones away during instruction
- Bring all needed materials to class
- Be respectful to teachers and peers
- Be responsible for your work and behavior
- Always try your best and encourage others to be their best
- Follow all directions and classroom procedures

Consequences for failing to meet classroom expectations are:

- 1st Offense: Verbal Warning
- 2nd Offense: Parent contact
- 3rd Offense: Removal from class/administration involvement

### **Assignments & Grades:**

Each assignment in this course will be given a point value. Final grades will be totaled using this point system. All assignments will be recorded on iPass as soon as they are graded.

Parents/students can access grades by signing into their parent/student iPass account. If you have a question or concern about your grade, you can schedule a time to talk with me. Marks will include:

- Participation - 5 points
- Classwork/Homework - 5-20 points
- Formative Assessments - 30-50 points
- Summative Assessments 100 points

### **Attendance/Participation:**

Students are expected to come to class every day with their required materials. Students are expected to use the time period effectively to complete assignments and receive help, if needed.

**Important note: you are never allowed to arrive to class late without a note from a teacher.**

Any late arrival to class will automatically cause you to receive a 10-minute teacher session after school. Failure to appear for your teacher session will result in a disciplinary referral and an official detention.

### **Winthrop High School Plagiarism Policy**

Any student who cheats/plagiarizes on an examination, or any other assignment, shall receive a zero, and may not make-up such work. The students' parents/guardians will be notified. This includes the use of A.I. generated materials.

### **Artificial Intelligence**

Any use of artificial intelligence (ie. Snapchat AI, CHATGPT, etc.), or any other technology labeled as such by WPS administration, on any assignment, assessment or schoolwork is prohibited. The teacher may take steps to corroborate an accusation including, but not limited to, comparing language used in written samples from previous assignments, examining revision history on documents, and administering other types of assessments to show mastery of content (ie. oral exams, written exams, etc.). Use of such technology will be treated as plagiarism or cheating and will result in the same disciplinary action as stated in the plagiarism policy laid out in the handbook.

### **Late/Missing Work**

If a major assessment is not passed in on time (Unless due to excused absence or extension), a student will lose 5 points for each day it is missing. If they pass in an assignment 10 school days after it is due, they will receive an automatic 50 unless otherwise specified. If a student needs an extension for any reason, they must ask me at least 24 hours before the initial due date. If they do not ask within 24 hours, students will be subject to losing points for tardy work.

### **Technology:**

Technology is a wonderful asset and can truly help students learn. However, technology can also be a distraction. If a student is caught on their cell phone at an inappropriate time or is misusing

technology, they will receive a verbal warning. If it happens more than once, an email will be sent home to parents or guardians.

### **Absences:**

If absent, students will be able to look on Google Classroom for their missing work. Students will have one day per day absent to complete missing classwork or homework due to absence. If a test or quiz is missed, students must schedule a time after school with me to make it up. Students must make up major assignments within two weeks of their absence.

### **Vision of the Graduate**

Winthrop High School strives to ensure its graduates are able to become productive citizens of their town, their state, and their nation. To do this, the school in 2011 embraced the following learning objectives, on which students are evaluated quarterly. Taken together, they express a community vision for what we want our graduates to be, know, and do.

WHS Students will become...

#### ***Critical Thinkers***

- They will use, apply, and evaluate multiple problem-solving strategies in a variety of disciplines.
- They will be able to select, organize, and evaluate new ideas.
- They will demonstrate the ability to actively and critically read.
- They will develop the skills and acquire the knowledge necessary to prepare them for college and career success
- They will be able to set priorities, and manage their time and tasks.

#### ***Effective Communicators***

- They will communicate ideas and information with clarity and with an understanding of their audience.
- They will integrate and use a variety of communication forms.
- They will listen effectively and respond appropriately to spoken communication.
- They will master standard English-language conventions.

#### ***Conscientious Citizens***

- They will be aware of, and follow, their community's rules and laws

- They will respect themselves and the community at large.
- They will be aware of and respect social and cultural diversity.
- They will understand, promote, and show the importance of hard work to achieve success.
- They will own their mistakes, and will learn from them.

***Creative Achievers***

- They will show curiosity and enthusiasm in everything they do.
- They will work and think originally.
- They will appreciate the arts in their many forms.
- They will select, organize, and develop innovative ideas.
- They will build off the ideas of others.

Acknowledgement of Understanding:

I have read and understand the policies and expectations stated in this syllabus:

Student Signature:

Date:

Parent/guardian Signature:

Date: