



## Course Syllabus

Course Name: **Algebra 1**  
 Room: **1**  
 Period: **4**  
 Google Classroom Code: **bjdmpb46**

Teacher: **Mrs. Summer Labog**  
 Email Address: [slabog@paparts.org](mailto:slabog@paparts.org)  
 Co-Teacher: **Mrs. Agnes Loving**  
 Email Address: [aloving@paparts.org](mailto:aloving@paparts.org)

### Welcome to Algebra I S.Y. 2025 – 26!

#### Course Overview:

Algebra 1 is the foundation for all future high school math courses. This year, we will explore:

- Solving equations and inequalities
- Linear functions and graphing
- Systems of equations
- Exponents and polynomials
- Quadratic functions
- Radical expressions and equations
- Data analysis and probability

Our goal is to develop problem-solving skills and mathematical confidence.

#### Learning Goal: Webb's Depth of Knowledge (DOK)

**DOK 1 (Recall):** Students will recall or recognize a fact, definitions, or term, apply a formula, represent math relationships in words, pictures, or symbols.

**DOK 2 (Skills/Concept):** Students will use models to represent mathematical concepts, compare figures or statements, and provide justifications for steps in a solution process.

**DOK 3 (Strategic Thinking):** Students will explain thinking when more than one response is possible, make and/or justify conjectures, use concepts to solve problems, and solve a multiple- step problem, supported with a mathematical explanation that justifies the answer.

**DOK 4 (Extended Thinking):** Students will relate mathematical concepts to other content areas, relate mathematical concepts to real-world applications in new situations, and design a mathematical model to inform and solve a practical or abstract situation.

#### Key Principles:

- ✓ Everyone can learn math and the only way to *learn it* is to *do it*.
- ✓ Math is based in the real world. Everything around you is mathematics.
- ✓ There is more fun in learning math. There is no such thing as boring mathematics.
- ✓ Questions are important. Do not be afraid to ask. Explore to learn more.
- ✓ People learn from their mistakes, don't be afraid to make them.

✓ Try your best—even when it's hard.

**What I Expect of Students:**

- To come to class every day on time prepared to work and learn.
- To put forth maximum effort to be successful in the classroom and master the content.
- To participate actively in the lessons whether individually, in pairs or in groups.
- To adhere to all school rules in the classroom.
- To be kind, respectful, responsible, reliable, a role model.

**What Students Can Expect of Me as a Teacher:**

- To create a positive learning environment where all students feel safe to try new things, take risks and express themselves.
- To be fair and treat all students equally.
- To present content material in a manner that will allow all students to learn.
- To provide additional support in and outside of the classroom to ensure students could achieve mastery.

**Required Materials (to bring every day):**

1. **2 Pocket Folders** – to put worksheets and review packets.
2. **1 Spiral Notebook** – It is very important to take down notes.
3. **Pencils or Pens** – It is recommended to use pencils so that it is easier to correct mistakes.
4. **Chromebook** – for online work (IXL, Google Classroom, etc.)

**Materials Provided:**

- ✓ **Calculator** – There's a calculator number designated for each student which will be used for the entire school year. Students are not allowed to use any other calculator number.
- ✓ **Textbook** – Prentice Hall Algebra 1 (optional)
  - ❖ Please note that all materials are being loaned and should remain in good condition. If you lose these materials or if they are damaged when it is time to return them, you will be charged the replacement cost.

**Grading Breakdown:**

**40%** - Homework/In-Class work (Worksheets, IXL)  
**25%** - Quizzes  
**25%** - Tests  
**10%** - Warm-Up Activities/Participation/Notebook Checks

Semester 1 - 40% = 1st Quarter Grade; 40% = 2nd Quarter Grade; and 20% = semester final exam (80%)/EOC(20%)

Semester 2 - 40% = 3rd Quarter Grade; 40% = 4th Quarter Grade; and 20% = year-long final exam (80%)/EOC(20%)

\* *Late work is accepted but penalized by 15% off the final assignment grade. If the work is more than one week late, the highest possible grade is 60%.*

\* *Tests will be announced several days in advance. Quizzes will be given periodically and maybe given at any time **unannounced** since they serve as an indicator of daily learning.*

*\*Students are expected to demonstrate mastery at 80% as math is a subject that builds on prior skills. If a student gets below 80% in quizzes/tests, he/she needs to retake the quiz/test.*

*\*If mastery is not demonstrated, students will participate in remediation to relearn the concepts and then retest over that standard/skill. It is remediated during Targeted Assistance during the school year.*

#### **Absences:**

If a student is absent on the day of a quiz or test, he or she must schedule the makeup for the next day. A student has one day for each excused day absent to make up missed assignments. If an assignment is due the day a student is absent, the assignment is due the day the student returns. For absences that exceed one day, the student will have at least as much time to do makeup work as the number of days of class absence. Excessive absences of 10 or more may result in a loss of credit for high school students.

#### **Tardiness:**

If a student arrives after the tardy bell has rung to begin the period, he/she will be considered tardy to class. If a student arrives 15 minutes late, this is considered Absence Unexcused Truant (AU). If the student has a pass, the pass should be given upon arrival to class.

#### **Restroom:**

One student at a time may use the restroom. Students are given a PANDA Student Pass. If a student is out for more than five minutes, office staff will be notified.

#### **Electronics Policy**

The use of cellphones or other electronic devices is not permitted during class except when explicitly directed by the teacher. Please make sure these devices are kept in the COW at the slot labeled with your number at the beginning of class. If they present a disruption, please see the sequence of offense (monthly) below:

1<sup>st</sup> – verbal warning

2<sup>nd</sup> – will be taken and held by the teacher until the end of the class.

3<sup>rd</sup> – will be taken and held by the office staff until the end of the school day.

4<sup>th</sup> – will be taken and only parents can get the device from the administration.

#### **Dismissal:**

Students should remain in their seats until the bell rings. Ensure that desks and chairs are in their original position; keeping the area neat and clean.

#### **Discipline Procedure:**

Failure to adhere to school rules in the classroom will result in appropriate disciplinary action. Please review Student Handbook for further details regarding discipline and the school's attendance policy.



## **Key Units of Study**

**Approx. Dates**

**Sem 1**

August (Wk 1-3)	<b>Foundations for Algebra</b>
Aug-Sept (Wk 4-6)	<b>Solving Equations</b>
Sept (Wk 7-9)	<b>Solving Inequalities</b>
Oct (Wk 10-12)	<b>An Introduction to Functions</b>
Oct-Nov (Wk 13-15)	<b>Linear Functions</b>
Nov-Dec (Wk 16-18)	<b>Systems of Equations and Inequalities</b>
Dec (Wk 19-20)	<b>Final Exam Review/Final Exams</b>
<b>Approx. Dates</b>	<b>Sem 2</b>
Jan (Wk 1-3)	<b>Exponents and Exponential Functions</b>
Jan-Feb (Wk 4-6)	<b>Polynomials and Factoring</b>
Feb (Wk 7-10)	<b>Quadratic Functions and Equations</b>
Mar (Wk 11-12)	<b>Radical Expressions and Equations</b>
Mar (Wk 13)	<b>Spring Break</b>
Apr (Wk14)	<b>Radical Expressions and Equations</b>
Apr (Wk 15-17)	<b>Data Analysis and Probability</b>
May (Wk 18-19)	<b>Final Exam Review/Final Exams</b>

*Note: The syllabus may be modified as needed.*



**Contact & Support**

*I am committed to helping every student succeed in Algebra 1. If you have any questions or concerns throughout the year, please contact me by email ([slabog@paparts.org](mailto:slabog@paparts.org)) or arrange a meeting. Tutoring and extra help will be available through Targeted Assistance Class - 8th Period.*

### **Syllabus Acknowledgement**

*Please read and discuss this syllabus together. Then sign and return this portion to indicate your understanding of the course expectations.*

**Student Name (print):** \_\_\_\_\_

**Student Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Parent/Guardian Name (print):** \_\_\_\_\_

**Parent/Guardian Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Parent/Guardian Email or Phone (optional):**

\_\_\_\_\_