

## **ALGEBRA 1 A**

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### **Course Description**

Algebra I is designed to prepare students for future success in Algebra II, Trigonometry, Physics, and Calculus. This course will introduce and reinforce skills and concepts that will be used in future mathematical endeavors. Throughout the year, students will transition from concrete (known values) to the abstract (unknowns).

Students will have daily homework as well as quizzes and tests throughout the year to monitor mastery of the course objectives. The homework will be collected and graded. Homework will be returned promptly for appropriate revisions to be made. Revisions will be checked for correctness as well as completion. A test with a grade below 80% will be retaken until mastery of the course objective is shown, but the retake will not replace the original test grade. A test grade of 80% or higher will be revised and returned the Tuesday after a test is returned. Test revisions will be graded and counted as a separate grade from the test.

### **Course Requirements**

1. Students are expected to be in class on time ready to start with all supplies and assignments.
2. Students should have homework prepared to turn in on-time.
3. Students will participate in class through discussions, note-taking, and following tutor instruction.
4. A notebook will be kept by each student to organize notes, homework, and returned papers.
5. Students should be respectful at all times towards their peers and tutor.

### **Grading**

Participation & Notebook checks	20%
Homework & Quizzes	30%
Tests	50%

### **Mastery with Honor**

Students wishing to challenge themselves may achieve Mastery Qualifying for Honors (MQ) by the end of the fall semester. To do so, an average of 92.5% or higher must be maintained throughout the fall semester. If a student achieves MQ at the end of the first semester, the student is eligible to complete a Mastery with Honors (MH) project to obtain Mastery Honors.

### **Supplies**

Pencil & Eraser (no ink)

Red Pen or Pencil for correcting College

Ruled Loose Leaf Notebook Paper

Graphing Paper

Two Pocket Folder

3-Ring Binder (2) (1.5 in. size)

One set of Dividers

Ruler (metric and US)

Protractor

**Protect your textbook with a fabric slip on book cover**

### **Assignment for the First Day of Class**

- Read Lessons 1 and 2 – complete Lesson 1 problem set (problems 1-30 on page 3)
- Be ready to discuss Lessons 1 & 2.