

# Course Syllabus

## Pre-Algebra

### Course Description:

Pre-Algebra is the transition course from the concrete concepts of arithmetic to the abstract concepts of algebra. Taught with the traditional approach of building on previous concepts and constantly reviewing problems, mastery is developed. This class is intended to prepare students for high school math.

### Content/Topics of Study:

#### Arithmetic:

- Continue to master math facts, fractions, decimals, and percentages
- Use more complex methods to solve word problems
- Master processes for solving unit conversions, rates, and proportions
- Graph points on a grid

#### Geometry:

- Learn how to use formulas for perimeter, area, and volume for a variety of shapes.

#### Algebra:

- Use and practice basic methods of algebra

### Texts:

*Saxon Algebra ½ Textbook Homeschool*, ISBN 9781565771499

### Grading:

Lesson Homework 45%

Tests 45%

Participation 10%

*Weights may vary slightly by teacher, but categories are the same.*

TOTAL 100%

The lowest two homework scores will be dropped each semester.

### Attendance/Participation:

The best way to succeed is to attend live class and participate in class work by answering questions in the Q&A or solving problems on the board as the teacher allows. Taking notes, writing down formulas, and answering Warm-Up questions can work together to earn participation points.

## **Expectations:**

1. **Assignment Sheets:** You are responsible for the assignments and due dates posted on the Assignment Sheet. You must check them regularly.
2. **Class Etiquette:** You must be respectful of other people. Everyone must feel free to participate and learn. Mistakes made are opportunities to learn!
3. **Submitting Assignments:** You **MUST** submit your assignments through Canvas. Nothing can be accepted through email.
4. **Participation/Preparation:** You **MUST** come to class ready and on time. Participation grades come from paying attention in class, noting keywords, solving warm-up questions, etc.
5. **Grades:** All homework can be redone **ONCE**, within the time allotted. Correct your mistakes and learn from them! Complete all problems, using methods shown in class, with all work being shown on paper. Calculators are not allowed in this course.
6. **Due Dates:** All due dates are listed on the Assignment Sheets located in the Announcements section. Usually, assignments are due within 1-2 days of the lesson being taught in class. Students are responsible for keeping track of getting their work done on time. Extensions/exceptions can only be made when parents make arrangements with the teacher ahead of time.