

Middle School Algebra

Session 1 M/W

Instructor: Laura Erlig

Objective: The Middle School Algebra course is designed to prepare students with the skills necessary for High School Algebra 1. The class uses the Glencoe Pre-Algebra text and other supplementary materials. In Session 1, we will cover linear equations, inequalities, functions and graphing. They will also review and practice foundational math skills.

Concepts covered in Session 1: Chapters 7-8 will include solving simple and multi-step equations and inequalities with variables, graphing equations, finding slope and rate of change.

Supplies needed: 1" 3-ring binder (separate from other classes), loose leaf paper, [scientific calculator](#). *Cell phones will not be allowed in class to use for music or calculators.*

How to be successful in Middle School Algebra:

- Attend classes and participate
- Complete homework assignments and follow directions carefully. Get help when needed and ask questions.
- Keep all notes and homework assignments organized in your math binder. These binders will be checked from time to time for completeness and organizational skills
- Homework assignments will be written on the board and students will need to write them into their notebooks
- A guide for how to set up homework will be discussed on the first day of class, and students must set up their homework assignments according to these guidelines for full credit unless homework is given out on a worksheet or in a workbook

Things to remember:

- Homework is due the next class after it is assigned
- There will be homework assigned after every class. Plan to do a minimum of 10 problems a day on average
- Do not be afraid to ask for help if you are struggling
- Stay organized and keep all assignments in order in your math binder for easy reference
- **Always show your work on problems for full credit**

Rubric:

- 40% Assessments (Quizzes and tests)
- 40% Independent practice (homework and classwork)
- 10% Attendance and Participation (being on time and prepared for class, actively asking and answering questions, being productive in class)
- 10% Math Notebook